

Davis-Besse Unit 1 Fire Hazard Analysis Report

DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1

APPENDIX B-1

CIRCUIT/COMPONENT LOCATION SUMMARY BY SYSTEM

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
00001	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00002					E	1CEB	E-335	
00003					A	1CEB	E-335	
00004					A	27142B	E-335	
00005					G	27142B	E-335	
00007					G	1CDB	E-335	
00008					U	1CDB	E-349-3	
00009					CC	1CDB	E-347	
00010					DD	1CDB	E-356-6	
00011					DD	1CPL	E-356-6	
00012					DD	1CJM	E-356-6	
00013					CC	1CJM	E-347	
00014					CC	47102A	E-347	
00015					V	47102A	E-347	
00016					V	1CLA	E-347	
00017					V	1CLA	E-348	
00018					V	48553A	E-348	
00020					DG	48553A	E-348	
00021			1CBE1146C	MV3869 CONTROL CIRCUIT	E	27092A	E-335	
00021A					E	27092C	E-335	
00022			1CBE1146D	MV3869 CONTROL CIRCUIT	E	Nipple	E-335	
00023			1CBE1146E	MV3869 CONTROL CIRCUIT	DG	48069A	E-348	
00024			1CBE1146F	MV3869 CONTROL CIRCUIT	FF	5706A2	E-356-8	
00025					DD	5706A2	E-356-8	
00026					DD	1CPM	E-356-8	
00027					DD	1CPL	E-356-6	
00028					DD	1CLA	E-356-6	
00029					V	1CLA	E-347	
00030					V	1CLA	E-348	
00031					V	48225A	E-348	
00033					DG	48225A	E-348	
00034					DG	BE11E	E-348	
00035					DG	48069A	E-348	
00036			1CBE1146G	MV3869 CONTROL CIRCUIT	FF	1CPA62	E-356-10	
00037					FF	1CPA62	E-356-10	
00038					DD	1CP62A	E-356-10	
00039					DD	1CPL	E-356-6	
00040					DD	1CLA	E-356-6	
00041					V	1CLA	E-347	
00042					V	1CLA	E-348	
00043					V	48553B	E-348	
00045					DG	48553B	E-348	
00046			1CBE1146H	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00047					E	1CEB	E-335	
00048					A	1CEB	E-335	
00049					A	27142B	E-335	
00050					G	27142B	E-335	
00051					G	1CDB	E-335	
00052					U	1CDB	E-349-3	
00053					CC	1CDB	E-347	
00054					DD	1CDB	E-356-6	
00055					DD	1CPL	E-356-6	
00056					DD	1CJM	E-356-6	
00057					CC	1CJM	E-347	
00058					CC	47102A	E-347	
00059					V	47102A	E-347	
00060					V	1CLA	E-347	
00061					V	1CLA	E-348	
00062					V	48553A	E-348	
00064					DG	48553A	E-348	
00065			1PBE1146A	MV3869 POWER CIRCUIT	DG	48257A	E-348	
00066					AB	48257A	E-350, 348	
00067					AB	48257A	E-350	
00068					V	48257A	E-350	
00071					A	48257A	E-335	
00071A					F	48257A	E-335	
00072					E	48257A	E-335	
00073			BE1146	MV3869 CIRCUIT BREAKER (CH. 1)	DG		E-348	
00074			C5706	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00075			C5762A	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00076			CDB-11E	MV3869 DISCONNECT SWITCH (CH. 1)	DG		E-348	
00077			EV3869	MV3869 TERMINAL BOX (CH. 1)	E		E-335	
00078			MV3869	AFW PUMP 1-1 DISCH TO SG 2 (CH. 1)	E		E-335	
00079			NV3869	MV3869 LOCAL CONTROLLER (CH. 1)	E		E-335	
00100		AF3870	1CD107B	MV3870 CONTROL CIRCUIT	E	27096A	E-335	
00101					E	1CEB	E-335	
00102					DUCT	36085B*	E-337	
00103					S	36085B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00104	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	S	JB3607	E-338	
00105					S	36085A	E-338	
00106					S	1CGC	E-338	
00107					S	36356B	E-338	
00108					Y	36356B	E-346	
00109					Y	46218A	E-346	
00110					Y	1CKA	E-346	
00111			1CD107C	MV3870 CONTROL CIRCUIT	E	27093A	E-335	
00112			1CD107D	MV3870 CONTROL CIRCUIT	E	Nipple	E-335	
00113			1CD107E	MV3870 CONTROL CIRCUIT	G	27710B	E-335, 418	
00114					G	BE11D	E-335, 418	
00115					G	27573A	E-335	
00116					A	27573A	E-335	
00117					A	1CEB	E-335	
00118					E	1CEB	E-335	
00119					DUCT	36085B*	E-337	
00120					S	36085B	E-338, 337	
00121					S	JB3607	E-338	
00122					S	36085A	E-338	
00123					S	1CGC	E-338	
00124					S	36357D	E-338	
00125					Y	36357D	E-346	
00126					Y	46218A	E-346	
00127					Y	1CKA	E-346	
00128			1CD107F	MV3870 CONTROL CIRCUIT	FF	5706A2	E-356-8	
00129					DD	5706A2	E-356-8	
00130					DD	1CPM	E-356-8	
00131					DD	1CPL	E-356-6	
00132					DD	1CDB	E-356-6	
00133					CC	1CDB	E-347	
00134					U	1CDB	E-349-3	
00135					G	27708A	E-335	
00136					G	1CDB	E-335	
00137			1CD107G	MV3870 CONTROL CIRCUIT	FF	1CPA62	E-356-10	
00138					FF	1CP62A	E-356-10	
00139					DD	1CP62A	E-356-10	
00140					DD	1CPL	E-356-10	
00141					DD	1CPT	E-356-6	
00142					DD	1CPM	E-356-6, 356-1	
00143					DD	46060A	E-356-6, 356-1	
00144					DD	46060B*	E-343,344,356-1	
00144A					A	46060B*	E-343,344,356-1	
00144B					DF	46060B*	E-343,344,355	
00144C					X	46060B*	E-343,344,355	
00144D					Y	46060B*	E-343,344,355	
00145					Y	46218A	E-346	
00146					Y	1CKA	E-346	
00147			1PD107A	MV3870 POWER CIRCUIT	E	46006E	E-335	
00148					F	46006E	E-335	
00149					A	46006C	E-335	
00150					A	46006B*	E-337, 333, 342	
00150A					A	46006B*	E-333,337,342	
00150B					DUCT	46006B*	E-333,337,342	
00151					Q	46006D	E-338	
00152					Q	46006A	E-338	
00153					Y	46006A	E-346	
00154			1PD107H	MV3870 POWER CIRCUIT	E	46006F	E-335	
00155			C5706	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00156			C5762A	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00157			CDE-11D	MV3870 DISCONNECT SWITCH (CH. 1)	G		E-335	
00158			D107	MV3870 MCC D1 CUBICLE (CH. 1)	Y		E-346	
00159			EV3869	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00160			JT2750	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00161			MV3870	AFW PUMP 1-1 DISCH TO SG 1 (CH. 1)	E		E-335	
00162			MV3870	MV3870 LOCAL CONTROLLER (CH. 1)	E		E-335	
00200	AF3871		2CBF1201B	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00201					F	2CEE	E-335	
00202					DUCT	36179B*	E-337	
00203					Q	JB3620	E-418, 338	
00204					Q	36179A	E-418	
00205					Q	2CGE	E-338	
00206					Q	36748A	E-338	
00207					X	36748A	E-346	
00208					X	46892B	E-346	
00209					X	2CKL	E-346	
00210					X	46739C	E-346	
00211					X	2CKM	E-346	
00212			2CBF1201C	MV3871 CONTROL CIRCUIT	F	27094A	E-335	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00213	AFWS	AF3871	2CBF1201D	MV3871 CONTROL CIRCUIT	F	Nipple	E-335	
00214					X	46526A	E-346	
00215					X	46739C	E-346	
00216					X	2CKM	E-346	
00217		AF3871	2CBF1201F	MV3871 CONTROL CIRCUIT	FF	5706D2	E-356-8	
00218					DD	5706D2	E-356-8	
00219					DD	2CPN	E-356-8	
00220					DD	2CKM	E-356-7	
00221					DF	2CKM	E-346, 347	
00222					X	2CKM	E-346	
00223					X	46526B	E-346	
00224			2CBF1201G	MV3871 CONTROL CIRCUIT	FF	2CP92D	E-353	
00225					FF	2CP92A	E-353	
00226					DD	2CP92A	E-423	
00227					DD	2CEV	E-356-7	
00228					DD	2CPN	E-356-7	
00229					DD	2CKM	E-356-7	
00230					DF	2CKM	E-346, 347	
00231					X	2CKM	E-346	
00232					X	46739A	E-346	
00233			2CBF1201H	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00234					F	2CEE	E-335	
00235					DUCT	36179B*	E-337	
00236					Q	JB3620	E-418, 338	
00237					Q	36179A	E-418	
00238					Q	2CGE	E-338	
00239					Q	36748A	E-338	
00240					X	36748A	E-346	
00241					X	46892B	E-346	
00242					X	2CKL	E-346	
00243					X	46739C	E-346	
00244					X	2CKM	E-346	
00245			2PBF1201A	MV3871 POWER CIRCUIT	F	27311C	E-335	
00246					F	27311A	E-335	
00247					F	JB2755	E-335	
00248					F	46005C	E-335	
00249					A	46005C	E-335	
00250					A	46005B*	E-337, 333, 342	
00250A					A	46005B*	E-333, 337, 342	
00250B					DUCT	46005B*	E-333, 337, 342	
00251					Q	46005A	E-338	
00252					Q	JB3620	E-338, 418	
00253					Q	46177A	E-338, 418	
00254					X	46177A	E-346	
00255			BF1201	MV3871 CIRCUIT BREAKER (CH. 2)	X		E-346	
00256			C5706	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00257			C5792	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00258			CDF-12A-2	MV3871 DISCONNECT SWITCH (CH. 2)	X		E-346	
00259			EV3872	MV3871 TERMINAL BOX (CH. 2)	F		E-335	
00260			MV3871	AFW PUMP 1-2 DISCH TO SG 1 (CH. 2)	F		E-335	
00261			NV3871	MV3871 LOCAL CONTROLLER (CH. 2)	F		E-335	
00300		AF3872	2CBF1262B	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00301					F	2CEE	E-335	
00302					DUCT	36179B*	E-337	
00303					Q	JB3620	E-338	
00304					Q	36179A	E-338	
00305					Q	2CGE	E-338	
00306					Q	36175A	E-338	
00307					DUCT	36175B*	E-337	
00308					J	36175C	E-338	
00309					J	36905A	E-338	
00310					J	2CGS	E-338	
00311			2CBF1262C	MV3872 CONTROL CIRCUIT	F	27095A	E-335	
00312			2CBF1262D	MV3872 CONTROL CIRCUIT	F	Nipple	E-335	
00313			2CBF1262E	MV3872 CONTROL CIRCUIT	J	36613A	E-338	
00314					J	36905A	E-338	
00315					J	2CGS	E-338	
00316			2CBF1262F	MV3872 CONTROL CIRCUIT	FF	5706D2	E-356-8	
00317					DD	5706D2	E-356-8	
00318					DD	2CPN	E-356-8	
00319					DD	2CED	E-356-7	
00320					A	2CED	E-335, 349-2, 347	
00321					A	2CEE	E-335	
00322					F	2CEE	E-335	
00323					DUCT	36179B*	E-337, 342	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
00324	AFWS	AF3872	2CBF1262F	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338	
00325					Q	36176A	E-338	
00326					Q	2CGE	E-338	
00327					DUCT	36176B*	E-337	
00328					J	36176C	E-338	
00329					J	36613B	E-338	
00330					J	2CGS	E-338	
00331			2CBF1262G	MV3872 CONTROL CIRCUIT	FF	2CP92D	E-353	
00332					FF	2CP92A	E-353	
00333					DD	2CP92A	E-423	
00334					DD	2CEV	E-356-7	
00335					DD	2CPN	E-356-7	
00336					DD	2CED	E-356-7	
00337					A	2CED	E-335, 349-2, 347	
00338					A	2CEE	E-335	
00339					F	2CEE	E-335	
00340					DUCT	36182B*	E-337	
00341					Q	JB3620	E-338, 418	
00342					Q	36182A	E-338	
00343					Q	2CGE	E-338	
00344					Q	36176A	E-338	
00345					DUCT	36176B*	E-337	
00346					J	36176C	E-338	
00347					J	36905A	E-338	
00348					J	2CGS	E-338	
00349			2CBF1262H	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00350					F	2CEE	E-335	
00351					DUCT	36179B*	E-337, 342	
00352					Q	JB3620	E-338	
00353					Q	36179A	E-338	
00354					Q	2CGE	E-338	
00355					Q	36176A	E-338	
00356					DUCT	36176B*	E-337	
00357					J	36176C	E-338	
00358					J	36905A	E-338	
00359					J	2CGS	E-338	
00360			2PBF1262A	MV3871 POWER CIRCUIT	F	46005C	E-335	
00361					F	27311B	E-335	
00362					F	27311A	E-335	
00363					F	JB2755	E-335	
00364					A	46005C	E-335	
00365					A	46005B*	E-337, 333, 342	
00365A					A	46005B*	E-333, 337, 342	
00365B					DUCT	46005B*	E-333, 337, 342	
00366					Q	46005A	E-338, 418	
00367					Q	JB3620	E-338, 418	
00368					Q	36127A	E-338, 418	
00369					J	36127A	E-338	
00370					J	36127A	E-338	
00371			BF1262	MV3872 CIRCUIT BREAKER (CH. 2)	J		E-338	
00372			C5709	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00373			C5792	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00374			CDP-12B	MV3872 DISCONNECT SWITCH (CH. 2)	J		E-338	
00375			EV3872	MV3872 TERMINAL BOX (CH. 2)	F		E-335	
00376			MV3872	AFW PUMP 1-2 DISCH TO SG 2 (CH. 2)	F		E-335	
00377			NV3872	MV3872 LOCAL CONTROLLER (CH. 2)	F		E-335	
00400	AF599		2CBF1118C	MV599 CONTROL CIRCUIT	A	36325A	E-349-2	
00401			2CBF1118D	MV599 CONTROL CIRCUIT	A	Nipple	E-349-2	
00402			2CBF1118F	MV599 CONTROL CIRCUIT	DF	47356B	E-347	
00403					DF	47300A	E-347	
00404					DF	2CLA	E-347	
00405			2CBF1118G	MV599 CONTROL CIRCUIT	A	47001B	E-349-2	
00406					DF	47001A*	E-344, 343	
00406A					A	47001A*	E-343, 344	
00407			2CBF1118I	MV599 CONTROL CIRCUIT	DD	JB5776	E-356	
00408					DD	2CPN	E-356	
00409					DD	JT5722	E-356	
00410					FF	UNSCHEM	E-356	
00411					DD	2CPN	E-356-7	
00412					DD	2CKL	E-356-7	
00413					DD	2CPR	E-356-7	
00414					DD	2CLA	E-356-7	
00415					DF	2CLA	E-347	
00416					DF	47356A	E-347	
00417			2PBF1118A	MV599 POWER CIRCUIT	B	18215D	E-412	
00418					AB	18215D	E-332, 412	
00419					A	18215D	E-332, 335, 349	
00420					DF	18215D	E-347	

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ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00421	AFWS	AF599	2PBF1118B	MV599 POWER CIRCUIT	A	18215C	E-349-2	
00422					A	18215C	E-349-2	
00423					A	JB3713	E-349-2	
00424					A	18215B	E-332,335,349-2	
00425					AB	18215B	E-412, 332	
00426					B	18215B	E-412	
00427			BF1118	MV599 CIRCUIT BREAKER (CH. 2)	DF		E-332	
00428			CS709	MV599 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00429			CDY-F2	MV599 DISCONNECT SWITCH (CH. 2)	DF		E-347	
00430			EV0599	MV599 TERMINAL BOX (CH. 2)	A		E-349-2	
00433			JT5722	AF599 TERMINAL BOX (CH. 2)	DD		E-356-1B	
00431			MV599	SG 2 APW ISOLATION VALVE (CH. 2)	A		E-349-2	
00432			NV0599A	MV599 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
00500		AF608	1CBEL160C	MV608 CONTROL CIRCUIT	AB	38400A	E-350	
00501			1CBEL160D	MV608 CONTROL CIRCUIT	AB	Nipple	E-350	
00502			1CBEL160F	MV608 CONTROL CIRCUIT	V	38071B	E-350	
00503					V	1CJM	E-350	
00504					V	1CJM	E-349-3	
00505					U	1CJM	E-349-3	
00506					CC	1CJM	E-347	
00507					CC	47102A	E-347	
00508					V	47102A	E-347	
00509					V	1CLA	E-347	
00510					V	1CLA	E-348	
00511					V	48553A	E-348	
00513					DG	48553A	E-348	
00514			1CBEL160G	MV608 CONTROL CIRCUIT	AB	48265A	E-350	
00515					AB	48265A	E-348, 350	
00516					DG	48265A	E-348	
00517			1CBEL160I	MV608 CONTROL CIRCUIT	DD	JB5777	E-356	
00518					DD	JT5721	E-356	
00519					FF	UNSCHEM	E-356	
00520					DD	1CPM	E-356-6	
00521					DD	1CPT	E-356-6	
00522					DD	1CPL	E-356-6	
00523					DD	1CJL	E-356-6	
00524					CC	1CJL	E-347	
00525					U	1CJL	E-349-3	
00526					V	1CJL	E-350, 349-3	
00527					V	38071A	E-350, 349-3	
00528			1PBEL160A	MV608 POWER CIRCUIT	B	18213A	E-412	
00529					G	18213A	E-336	
00530					AB	18213A	E-336	
00531					AB	18213A	E-350	
00532					AB	JB3809	E-350	
00533					AB	48258A	E-350	
00534					AB	48258A	E-348, 350	
00535					DG	48258A	E-348	
00536			1PBEL160B	MV608 POWER CIRCUIT	B	18213A	E-412	
00537					G	18213A	E-336	
00538					AB	18213A	E-336	
00539					AB	18213A	E-350	
00540					AB	JB3809	E-350	
00541					AB	38145A	E-350	
00542			BE1160	MV608 CIRCUIT BREAKER (CH. 1)	DG		E-348	
00543			CS706	MV608 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00544			CDY-E2	MV608 DISCONNECT SWITCH (CH. 1)	V		E-350	
00545			EV608	MV608 TERMINAL BOX (CH. 1)	AB		E-350	
00548			JT5721	AF608 TERMINAL BOX (CH. 1)	DD		E-356-1B	
00546			MV608	SG 1 APW ISOLATION VALVE (CH. 1)	AB		E-350	
00547			NV608A	MV608 LOCAL CONTROLLER (CH. 1)	AB		E-350	
00600		AF6451	2CLC6451A	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00601					X	2CKM	E-346-1	
00602					X	46961H	E-346-1	
00603					X	2CKL	E-346-1	
00604					Q	36748A	E-338	
00605					X	36748A	E-346	
00606					Q	2CEG	E-338	
00607					Q	36172A	E-338	
00608					R	36172A	E-338	
00609			2CLC6451C	AF6451 CONTROL CIRCUIT	A	37802B	E-349-2, 338	
00610					A	JB3726	E-349-2	
00611					A	37138A	E-349-2	
00613					A	2CEG	E-356-1	
00614					A	2CEG	E-349-2	
00614A					A	2CED	E-349-2	
00615					DD	2CED	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00616	AFWS	AF6451	2CLC6451C	AF6451 CONTROL CIRCUIT	DD	2CKN	E-356-7	
00617					DD	2CPR	E-356-7	
00618					DD	2CKM	E-356-7	
00619					DF	2CKM	E-346-1, 347-1	
00620					X	2CKM	E-346-1	
00621					X	46968A	E-346-1	
00622			2CLC6451D	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00623					X	2CKM	E-346-1	
00624					DF	2CKM	E-346-1, 347-1	
00625					DD	2CKM	E-356-7	
00626					DD	2CPR	E-356-7	
00627					DD	2CKN	E-356-7	
00628					DD	2CED	E-356-7	
00629					A	2CED	E-356-7, 335	
00630					A	2CEE	E-335	
00631					A	27318A	E-335	
00632					A	JB2717	E-335	
00633					A	27318B	E-335	
00634					F	JB2718	E-335	
00635					F	27318C	E-335	
00636					F	2CEE	E-335	
00637					F	27019A	E-335	
00638					F	JT2730	E-335	
00639					F	27889A	E-335	
00648			2CLC6451I	AF6451 CONTROL CIRCUIT	F	27887B	E-335	
00649			2CLC6451J	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00650					R	36172A	E-338	
00651					Q	2CGE	E-338	
00652					Q	36179A	E-338, 418	
00653					Q	JB3620	E-338	
00654					Q	36179B	E-338	
00654A					DUCT	36179B*	E-337, 342	
00655					F	2CEE	E-335	
00656					F	27097A	E-335	
00657					F	EV3872	E-335	
00658					F	27094A	E-335	
00659			2CLC6451K	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00660					R	36172A	E-338	
00661					Q	2CGE	E-338	
00662					Q	36179A	E-338, 418	
00663					Q	JB3620	E-338	
00664					Q	36179B	E-338	
00664A					DUCT	36179B*	E-337, 342	
00665					F	2CEE	E-335	
00666					F	27097A	E-335	
00667					F	EV3872	E-335	
00668					F	27095A	E-335	
00681			2CLY6454A	LY6454 CONTROL CIRCUIT	FF	2CP17C	E-353	
00682					DD	2CP17C	E-356-8	
00683					DD	2CPN	E-356-7	
00684					DD	2CPP	E-356-7	
00685					DD	2CEA	E-357-7	
00686					A	2CEA	E-349-2	
00687					A	37806B	E-349-2, 338	
00689			2CLY6454B	LY6454 CONTROL CIRCUIT	FF	2CP56C	E-353	
00690					DD	2CP56C	E-356-8	
00691					DD	2CPN	E-356-7	
00692					DD	2CPP	E-356-7	
00693					DD	2CEA	E-356-1, 356-7	
00694					A	2CEA	E-349-2	
00695					A	37806B	E-349-2, 338	
00669			2LLC6451B	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00670					DF	46969A	E-346-1, 347-1	
00671					DD	46969A	E-356-1C 356-1B	
00672					DD	JB5780	E-356-1B	
00673					FF	46969B	E-356-1B	
00674					DD	46969B	E-356-1B	
00675			2LLC6451E	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00676					DF	36980B	E-346-1	
00677					A	36980B	E-338	
00678					A	36980B	E-335, 349-2	
00679					F	JB2711	E-335	
00680					F	27886A	E-335	
00640			2LLC6451F	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00641			2LLC6451G	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00642					DF	36980B	E-346-1	
00643					A	36980B	E-338	
00644					A	36980B	E-349-2	
00645					F	JB2711	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00646	AFWS	AF6451	2LLC6451G	AF6451 CONTROL CIRCUIT	F	27886A	E-335	
00647			2LLC6451H	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00698			C3630	AP6451 AUX SHUTDOWN PANEL (CH 2)	R		E-338	
00697			C4625	AP6451 CONTROL CABINET (CH 2)	X		E-346-1	
00705			C5709	AP6451 CONTROL ROOM PANEL (CH 2)	PF		E-353	
00707			C5717	LY6454 CONTROL ROOM PANEL (CH 2)	PF		E-353	
00708			C5756C	LY6454 CONTROL ROOM PANEL (CH 2)	PF		E-353	
00702			FV6451	APW PUMP 1-2 FLOW CONTROL VALVE (CH 2)	F		E-335	
00699			RC3702	AP6451 RELAY CABINET (CH 2)	A		E-338	
00701			ZC6451	AP6451 SOLENOID VALVE (CH 2)	F		E-335	
00703			ZS38710	AP6451 LIMIT SWITCH (CH 2)	F		E-335	
00704			ZS38720	AP6451 LIMIT SWITCH (CH 2)	F		E-335	
00700			ZS5889B	AP6451 LIMIT SWITCH (CH 2)	F		E-335	
00851		AF6452	1CLC6452A	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00852					R	36982B	E-338	
00853					R	JB3699	E-338	
00854					R	36982C	E-338	
00800			1CLC6452C	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00801					R	36982B	E-338	
00802					R	JB3699	E-338	
00803					R	36982D	E-338	
00804					A	36982D	E-338	
00805					P	36982D	E-338	
00821			1CLC6452D	AF6452 CONTROL CIRCUIT	S	36982A	E-338	
00822					S	1CGC	E-338	
00823					S	36090A	E-338, 418	
00824					S	JB3607	E-338	
00825					S	36090B	E-338	
00826					DUCT	36090B*	E-338, 342	
00827					E	1CEB	E-335	
00828					E	27892A	E-335	
00829					E	27892B	E-335	
00830					E	27892C	E-335	
00831					E	27892E	E-335	
00832					E	JB27A1	E-335	
00833					E	FLEX	E-335	
00848			1CLC6452I	AF6452 CONTROL CIRCUIT	E	27892D	E-335	
00849					E	27892B	E-335	
00850					E	27202C	E-335	
00855			1CLC6452J	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00856					S	36142A	E-338	
00857					S	1CGC	E-338	
00858					S	36091A	E-338, 351-1, 418	
00859					S	JB3607	E-338	
00860					E	36091B	E-335, 342	
00861					S	36091B	E-338	
00862					DUCT	36091B*	E-337	
00863					E	1CEB	E-335	
00864					E	27096A	E-335	
00865					E	EV3869	E-335	
00866					E	27092A	E-335	
00867			1CLC6452K	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00868					S	36142A	E-338	
00869					S	1CGC	E-338	
00870					S	36091A	E-338	
00870A					S	JB3607	E-338, 351-1	
00870B					DUCT	36091B*	E-337	
00870C					E	1CEB	E-335	
00870D					E	27096A	E-335	
00870E					E	EV3869	E-335	
00870F					E	27093A	E-335	
00871			1CLY6453A	LY6453 CONTROL CIRCUIT	DD	1CJL	E-356-1, 356-6	
00872					DD	1CPL	E-356-1, 356-6	
00873					DD	1CP17A	E-356-8	
00874					FF	1CP17A	E-353	
00875					A	37805C	E-349-2	
00876					V	37805C	E-349-3	
00877					V	1CJL	E-349-3	
00878					U	1CJL	E-349-3	
00879					CC	1CJL	E-347	
00880			1CLY6453B	LY6453 CONTROL CIRCUIT	DD	1CJL	E-356-1, 356-6	
00881					DD	1CP63C	E-356-1	
00882					DD	1CPL	E-356-1	
00883					U	1CJL	E-349-3	
00884					V	1CJL	E-349-3	
00885					V	37805C	E-349-3	
00886					CC	1CJL	E-347	
00887					A	37805C	E-349-2	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00888	AFWS	AF6452	1CLY6453B	LY6453 CONTROL CIRCUIT	FF	1CP63C	E-353	
00806			1LLC6452B	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00807					S	JB3698	E-338	
00808					S	36081B	E-338	
00809					DUCT	36081B*	E-338	
00810					E	1LEC	E-335	
00811					A	1LEC	E-335	
00812					A	27118	E-335	
00813					A	27118A*	E-333	
00813A					II	27118A*	E-333, 339	
00813B					UU	27118A*	E-333, 339	
00814					II	27118B*	E-333	
00814A					CC	27118B*	E-339, 344, 356	
00814B					DD	27118B*	E-339, 344, 356	
00815					DD	27118C	E-356-1	
00816					DD	JB5781	E-356-1B	
00817					DD	57956A	E-356-1B	
00818					DD	JB5782	E-356-1B	
00819					DD	57956B	E-356-1B	
00819A					FF	57956B	E-356-1B	A
00820					FF	C5706B	E-356-1B	
00840			1LLC6452E	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00841					S	JB3698	E-338	
00842					S	36081B	E-338	
00843					DUCT	36081B*	E-337, 342	
00844					E	1LEC	E-335	
00845					E	27891A	E-335	
00846			1LLC6452F	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00834			1LLC6452G	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00835					S	JB3698	E-338	
00836					S	36081B	E-338	
00837					DUCT	36081B*	E-337, 342	
00838					E	1LEC	E-335	
00839					E	27891A	E-335	
00847			1LLC6452H	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00895			C3630	AF6452 AUX SHUTDOWN PANEL (CH 1)	R		E-338	
00889			C3645	AF6452 CONTROL CABINET (CH 1)	S		E-337	
00891			C5706	AF6452 CONTROL ROOM PANEL (CH 1)	FF		E-353	
00900			C5717	LY6453 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00899			C5763C	LY6453 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00894			FV6452	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 1)	E		E-335	
00890			RC3701	AF6452 RELAY CABINET (CH 1)	A		E-349	
00898					A		E-349	
00893			ZC6452	AF6452 SOLENOID VALVE (CH 1)	E		E-335	
00896			ZS38690	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00897			ZS38700	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00892			ZS5889A	AFWP 1 STM ADMISSION VLV INLK (CH 1)	E		E-335	
0910	E183		N/A	MDFP SEAL WTR COOLERS	II	MAN		
0920	E184-1		N/A	MDFP SEAL WTR COOLERS	II	MAN		
0930	E184-2		N/A	MDFP SEAL WTR COOLERS	II	MAN		
01016	FW6459		1CLC6459B	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01017					S	1CGC	E-338	
01018					S	36090A	E-338, 418	
01019					S	JB3607	E-338	
01020					S	36090B	E-338	
01021					DUCT	36090B*	E-342	
01022					E	1CEC	E-335	
01023					A	1CEC	E-335	
01024					A	27116	E-335	
01025					A	27116A*	E-333, 339	
01025A					II	27116A*	E-333, 339	
01025B					UU	27116A*	E-333, 339	
01026					II	27116B*	E-339, 344, 356	
01026A					CC	27116B*	E-333, 339	
01026B					DD	27116B*	E-333, 339	
01027					DD	27116C	E-356	
01028					DD	1CPL	E-356	
01029					DD	1CPT	E-356-6	
01030					DD	1CPM	E-356-6	
01031					FF	UNSCHEDED	E-353	
01047			1CLC6459G	FW6459 CONTROL CIRCUIT	II	24223B	E-308	
01000			1CLC6459H	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01001					S	1CGC	E-338	
01002					S	36090A	E-338, 418	
01003					S	JB3607	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
01004	AFWS	FW6459	1CLC6459H	FW6459 CONTROL CIRCUIT	S	36090B	E-338	
01005					DUCT	36090B*	E-342	
01006					E	1CEC	E-335	
01007					A	1CEC	E-335	
01008					A	27116	E-335	
01009					A	27116A*	E-333, 339	
01009A					II	27116A*	E-333, 339	
01009B					UU	27116A*	E-333, 339	
01010					II	27116B*	E-333, 339	
01010A					CC	27116B*	E-333, 339	
01010B					DD	27116B*	E-333, 339	
01011					DD	27116C	E-356	
01012					DD	1CPL	E-356	
01013					DD	1CPT	E-356-6	
01014					DD	1CPM	E-356-6	
01015					FF	UNSCHED	E-353	
01048			1LLC6459A	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01049					S	JB3698	E-338	
01050					S	36081B	E-338	
01051					DUCT	36081B*	E-342	
01052					E	1LEC	E-335	
01053					A	1LEC	E-335	
01054					A	27118	E-335	
01055					A	27118A*	E-333, 339	
01055A					II	27118A*	E-333, 339	
01055B					UU	27118A*	E-333, 339	
01056					II	27118B*	E-339, 344, 356	
01056A					CC	27118B*	E-339, 344, 356	
01056B					DD	27118B*	E-339, 344, 356	
01057					DD	27118C	E-356-1	
01058					DD	JB5781	E-356-1	
01059					DD	57956A	E-356-1	
01060					DD	JB5782	E-356-1	
01061					DD	57956	E-356	
01062					FF	57956	E-356	
01032			1LLC6459C	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01033					S	JB3698	E-338	
01034					S	36081B	E-338	
01035					DUCT	36081B*	E-342	
01036					E	1LEC	E-335	
01037					E	27891C	E-335	
01038					II	27891C	E-308	
01046			1LLC6459D	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01039			1LLC6459E	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01040					S	JB3698	E-338	
01041					E	36081B	E-338	
01042					E	1LEC	E-338, 335	
01043					E	27891C	E-335	
01044					II	27891C	E-308	
01045			1LLC6459F	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01063			C3645	FW6459 CONTROL CABINET (CH 1)	S		E-337	
01067			CS709	FW6459 CONTROL ROOM PANEL (CH 1)	FF		E-353	
01066			FW6459	MDFP FLOW CONTROL VALVE (CH 1)	II		E-308	
01064			JTS721	FW6459 TERMINAL BOX (CH 1)	DD		E-356	
01065			ZC6459	FW6459 SOLENOID VALVE (CH 1)	II		E-308	
01106		FW6460	2CLC6460B	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01107					X	2CKM	E-346	
01108					DF	2CKM	E-346, 347	
01109					DD	2CKM	E-356-7	
01110					DD	2CPN	E-356	
01111					FF	UNSCHED	E-353	
01130			2CLC6460G	FW6460 CONTROL CIRCUIT	II	24222B	E-308	
01100			2CLC6460H	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01101					X	2CKM	E-346	
01102					DF	2CKM	E-346, 347	
01103					DD	2CKM	E-356-7	
01104					DD	2CPN	E-356	
01105					FF	UNSCHED	E-355	
01131			2LLC6460A	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01132					DF	46969A	E-347	
01133					DD	46969A	E-356-1	
01134					DD	JB5780	E-356-1	
01135					DD	46969B	E-356-1	
01136					DD	C5706C	E-356-1	
01112			2LLC6460C	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01113					DF	36980B	E-335	
01114					A	36980B	E-335	
01115					A	36980B	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01116	AFWS	FW6460	2LLC6460C	FW6460 CONTROL CIRCUIT	F	JB2711	E-335	
01117					F	27890A	E-335	
01118					A	27890A	E-335	
01119					II	27890A	E-308	
01120			2LLC6460D	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01121			2LLC6460E	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01122					DF	36980B	E-335	
01123					A	36980B	E-335	
01124					A	36980B	E-338	
01125					F	JB2711	E-325	
01126					F	27890A	E-335	
01127					A	27890A	E-335	
01128					II	27890A	E-308	
01129			2LLC6460F	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01137			C4625	FW6460 CONTROL CABINET (CH 2)	X		E-346	
01141			C5709	FW6460 CONTROL ROOM PANEL (CH 2)	FF		E-353	
01140			FW6460	MDFP FLOW CONTROL VALVE (CH 2)	II		E-308	
01138			JT5722	FW6460 TERMINAL BOX (CH 2)	DD		E-356	
01139			ZC6460	FW6460 SOLENOID VALVE (CH 2)	II		E-308	
01200	ICS038A		2CAFPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	F	27204A	E-335	
01201					F	2CEE	E-335	
01202					DUCT	36182B*	E-337, 342	
01203					Q	36182B	E-338	
01204					Q	JB3620	E-338	
01205					Q	36182A	E-338	
01206					Q	2CGE	E-338	
01207					Q	36728A	E-338	
01208					X	36728A	E-346	
01209					X	46892A	E-346	
01210					X	2CKL	E-346	
01211					X	46363A	E-346	
01212					X	2CKM	E-346	
01213			2CAFPT02B	ICS038A CONTROL CDF-12A-1 TO C5709	FF	5706D1	E-356-8	
01214					DD	5706D1	E-356-7, 356-8	
01215					DD	2CPN	E-356-7, 356-8	
01216					DD	2CKM	E-356-7	
01217					DF	2CKM	E-346, 347	
01218					X	2CKM	E-346	
01219					X	46361A	E-346	
01220			2CAFPT02C	ICS038A CONTROL CDF-12A-1 TO C3630	R	36172A	E-338	
01221					Q	36172A	E-338	
01222					Q	2CGE	E-338	
01223					Q	36728A	E-338	
01224					X	36728A	E-346	
01225					X	46892B	E-346	
01226					X	2CKL	E-346	
01227					X	46362A	E-346	
01228					X	2CKM	E-346	
01229			2CAFPT02M	ICS038A 24V DC POWER C3630 TO JT2704	F	27204A	E-335	
01230					F	2CEE	E-335	
01231					DUCT	36182B*	E-337, 342	
01232					Q	36182B	E-338	
01233					Q	JB3620	E-338	
01234					Q	2CGE	E-338	
01235					Q	36182A	E-338	
01236					Q	36172A	E-338	
01237					R	36172A	E-338	
01238			2CAFPT02P	ICS038A CONTROL CIRCUIT	X	46362A	E-346	
01239					X	2CKM	E-346	
01240					X	46892B	E-346	
01241					Q	36748B	E-338	
01242					X	36748B	E-346	
01243					X	2CKL	E-346	
01244					Q	2CGE	E-338	
01245					Q	36179A	E-338, 418	
01246					Q	JB3620	E-338	
01247					DUCT	36179B*	E-338, 337, 342	
01248					Q	36179B	E-338, 337, 342	
01249					F	2CEE	E-335	
01250					F	27315B	E-335	
01251			2CAFPT02Q	ICS038A CONTROL CIRCUIT	F	27315A	E-335	
01252			2CSD08A	ICS038A CONTROL CIRCUIT	R	36172A	E-338	
01253					Q	36172A	E-338	
01254					Q	2CGE	E-338	
01255					Q	36729A	E-338	
01256					X	36729A	E-346	
01257					X	46892B	E-346	
01258					X	2CKL	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
01259	AFWS	ICS038A	2CSD08A	ICS038A CONTROL CIRCUIT	X	46362A	E-346	
01260					X	2CKM	E-346	
01261			C3630	ICS038A AUX SHUTDOWN PANEL (CH. 2)	R		E-338	
01262			C5709	ICS038A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
01263			CDF-12A-1	ICS038A DISCONNECT SWITCH (CH. 2)	X		E-346	
01264			FZSICS38J	ICS038A LIMIT SWITCH (CH. 2)	F		E-335	
01265			ICS038A	APPT 1-2 GOVERNOR CTRL VLV (CH. 2)	F		E-335	
01266			JT2704	ICS038A JUNCTION BOX (CH. 2)	F		E-335	
01267			MK0032	ICS038A GOVERNOR VALVE (CH. 2)	F		E-335	
01300		ICS038B	1CAFPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	E	27205A	E-335	
01301					E	1CEB	E-335	
01302					DUCT	36091B*	E-337	
01303					S	36091B	E-338	
01304					S	JB3607	E-338, 418	
01305					S	36091A	E-418	
01306					S	1CGC	E-338	
01307					S	36357A	E-338	
01308					Y	36357A	E-346	
01309					Y	46262A	E-346	
01310					Y	1CCKA	E-346	
01311			1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	FF	5706A1	E-356-8	
01312					DD	5706A1	E-356-6, 356-8	
01313					DD	1CPM	E-356-6, 356-8	
01314					DD	1CPL	E-356-1, 356-6	
01315					DD	27112C	E-356-1, 356-6	
01316					II	27112A*	E-333, 339	
01317					A	27112	E-335	
01318					A	1CEA	E-335	
01319					E	1CEA	E-335	
01320					DUCT	36083B*	E-337	
01321					S	36083B	E-338	
01322					S	JB3607	E-338, 418	
01323					S	36083A	E-418	
01324					S	36356A	E-338	
01325					S	1CGC	E-338	
01326					Y	36356A	E-346	
01327					Y	46262A	E-346	
01328					Y	1CCKA	E-346	
01329			1CAFPT01C	ICS038B CONTROL CDE-12A-1 TO C3630	R	36142A	E-338	
01330					S	36142A	E-338	
01331					S	1CGC	E-338	
01332					S	36357A	E-338	
01333					Y	36357A	E-346	
01334					Y	46260A	E-346	
01335					Y	1CCKA	E-346	
01336			1CAFPT01M	ICS038B 24V DC POWER C3630 TO JT2703	E	27086A	E-335	
01337					E	1CEB	E-335	
01338					DUCT	36088B*	E-337	
01339					S	36088B	E-338	
01340					S	JB3607	E-338, 418	
01341					S	36091A	E-418	
01342					S	1CGC	E-338	
01343					S	36142A	E-338	
01344					R	36142A	E-338	
01345			1CAFPT01P	ICS038B CONTROL CIRCUIT	Y	46262A	E-346	
01346					Y	1CCKA	E-346	
01347					Y	36356B	E-346	
01348					S	36356B	E-338	
01349					S	1CGC	E-338	
01350					S	36090A	E-338, 418	
01351					S	JB3607	E-338	
01352					S	36088B	E-338	
01353					DUCT	36088B*	E-338	
01354					E	1CEB	E-335	
01355					E	27299B	E-335	
01356			1CAFPT01Q	ICS038B CONTROL CIRCUIT	E	27299A	E-335	
01357			1CSD07A	ICS038B CONTROL CIRCUIT	R	36142A	E-338	
01358					S	36142A	E-338	
01359					S	1CGC	E-338	
01360					S	36357A	E-338	
01361					Y	36357A	E-346	
01362					Y	46262A	E-346	
01363					Y	1CCKA	E-346	
01364			C3630	ICS038B AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
01365			C5706	ICS038B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01366			CDE-12A-1	ICS038B DISCONNECT SWITCH (CH. 1)	Y		E-346	
01315A			1CAFPT01B	ICS038B CONTROL CDE-12-1 TO C5709	DD	27112B*	E-339, 344, 356	
01315B					II	27112B*	E-339, 344, 356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
01315C	AFWS	ICS038B	ICAPPT01B	ICS038B CONTROL CDB-12-1 TO CS709	CC	27112B*	E-339, 344, 356	
01316A					UU	27112A*	E-333, 339	
01316B					A	27112A*	E-333, 339	
01368			ICS038B	AFPT 1-1 GOVERNOR CTRL VLV (CH. 1)	E		E-335	
01369			JT2703	ICS038B TERMINAL BOX (CH. 1)	E		E-335	
01370			MK0031	ICS038B GOVERNOR VALVE (CH. 1)	E		E-335	
01399A		MS106	1CD135B	MS106 CONTROL CIRCUIT	EE	58078B	E-417	A
01399B					V	58078B	E-348	A
01400					V	JB4582	E-348	
01401					V	58078A	E-348	
01402					V	36098G	E-348	
01403					V	1CLA	E-348	
01404					V	36098F	E-340	
01405					DUCT	36098E*	E-310, 304, 340	
01406					MC	Exposed	E-310	
01407					DUCT	36098D*	E-329, 310	
01408					MB	Exposed	E-329	
01409					DUCT	36098C*	E-329	
01410					DUCT	36098B*	E-337, 329	
01410A					K	36098B	E-337, 338	
01411					K	36098A	E-338	
01412					K	36041C	E-338	
01413					K	1CGP	E-338	
01414					K	JB3637	E-338	
01415					DUCT	36041B*	E-337, 341	
01416					S	36041A	E-338	
01417					S	1CGC	E-338	
01418					S	36357B	E-338	
01419					Y	36357B	E-346	
01420					Y	46218C	E-346	
01421					Y	1CKA	E-346	
01422			1CD135C	MV106 CONTROL CIRCUIT	EE	58077A	E-417	
01424			1CD135F	MV106 CONTROL CIRCUIT	E	27309D	E-335	
01425					E	27309C	E-335	
01426					E	1CEX	E-335	
01427					E	27300A	E-335	
01428					E	1CEA	E-335	
01429					E	JB2708	E-335	
01430					E	27300B	E-335	
01431					A	1CEA	E-335	
01432					A	27517A	E-335	
01433					G	27517A	E-335	
01435					G	1CDB	E-335	
01436					U	1CDB	E-349-3	
01437					U	37048A	E-349-3	
01438					U	1CJM	E-349-3	
01439					V	38558A	E-350	
01440					V	1CJM	E-350	
01441			1CD135G	MV106 CONTROL CIRCUIT	FF	1CPA62	E-353	
01442					FF	1CP62A	E-423	
01443					DD	1CP62A	E-423	
01444					DD	1CPL	E-356-6	
01445					DD	46060A	E-356-6, 356-1	
01446					DD	1CPM	E-356-6, 356-1	
01447					DD	46060B*	E-343, 344	
01447A					A	46060B*	E-343, 344, 356-1	
01447B					DF	46060B*	E-343, 344, 355	
01447C					X	46060B*	E-343, 344, 355	
01447D					Y	46060B*	E-343, 344	
01448					Y	46218C	E-346	
01449					Y	1CKA	E-346	
01450			1CD135H	MV106 CONTROL CIRCUIT	V	38356B	E-349-3, 350	
01451					V	1CJM	E-349-3, 350	
01452					U	1CJM	E-349-3	
01453					U	37048B	E-349-3	
01454					U	1CDB	E-349-3	
01455					G	1CDB	E-335	
01456					G	27142B	E-335	
01458					A	27142B	E-335	
01459					A	1CEB	E-335	
01460					E	1CEB	E-335	
01461					DUCT	36085B*	E-337, 342	
01462					S	36085B	E-338	
01463					S	JB3607	E-338	
01464					S	36085A	E-338	
01465					S	1CGC	E-338	
01466					S	36357B	E-338	
01467					Y	36357B	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01468	AFWS	MS106	1CD135H	MV106 CONTROL CIRCUIT	Y	46218C	E-346	
01469					Y	1CKA	E-346	
01470			1CD135I	MV106 CONTROL CIRCUIT	V	38556A	E-350	
01471					V	1CJL	E-350, 349	
01472					U	1CJL	E-349	
01473					CC	1CJL	E-347	
01474					DD	1CJL	E-356	
01475					DD	1CPL	E-356-6, 356-1C	
01476					DD	1CPT	E-356-1C	
01477					DD	1CPM	E-356-1C, 356-1A	
01478					DD	JB5777	E-356-1A	
01479					DD	1CPM	E-356-1B	
01480					FF	UNSCHED	E-353	
01481			1CD135K	MV106 CONTROL CIRCUIT	E	27309E	E-335	
01482					E	1CEX	E-335	
01483					E	27300A	E-335	
01484					E	1CEA	E-335	
01485					E	JB2708	E-335	
01486					E	27300B	E-335	
01487					A	1CEA	E-335	
01488					A	27517A	E-335	
01489					G	27517A	E-335	
01491					G	1CDB	E-335	
01492					U	1CDB	E-349-3	
01493					U	37048A	E-349-3	
01494					U	1CJM	E-349-3	
01495					V	1CJM	E-350	
01496					V	38558A	E-350	
01497			1CD135L	MV106 CONTROL CIRCUIT	A	27142A	E-335	
01498					A	1CEB	E-335	
01499					V	38356B	E-350	
01500					V	1CJM	E-349-3, 350	
01501					U	1CJM	E-349-3	
01502					U	37048A	E-349-3	
01503					U	1CDB	E-349-3	
01504					G	1CDB	E-335	
01505					G	27142A	E-335	
01507					E	1CEB	E-335	
01508					DUCT	36085B*	E-337, 342	
01509					S	JB3607	E-338	
01510					S	36085A	E-338	
01511					S	1CGC	E-338	
01512					S	36357B	E-338	
01513					Y	36357B	E-346	
01514					Y	46218C	E-346	
01515					Y	1CKA	E-346	
01540			1CD135P	MV106 CONTROL CIRCUIT	E	27309A	E-335	
01541					E	27309C	E-335	
01542					E	1CEX	E-335	
01543					E	27300A	E-335	
01544					E	1CEA	E-335	
01545					E	JB2708	E-335	
01546					E	27300B	E-335	
01547					A	1CEA	E-335	
01548					A	27517B	E-335	
01549					G	27517B	E-335	
01551					G	1CDB	E-335	
01552					U	1CDB	E-349-3	
01554					U	37048A	E-349-3	
01555					V	38556B	E-350	
01556					V	1CJM	E-350	
01557			1CD135R	MV106 CONTROL CIRCUIT	E	27309B	E-335	
01558					E	1CEX	E-335	
01559					E	27300A	E-335	
01560					E	1CEA	E-335	
01561					E	JB2708	E-335	
01562					E	27300B	E-335	
01563					A	1CEA	E-335	
01564					A	27517B	E-335	
01565					G	27517B	E-335	
01567					G	1CDB	E-335	
01568					U	1CDB	E-349-3	
01569					U	37048A	E-349-3	
01570					U	1CJM	E-349-3	
01571					V	1CJM	E-350, 349-3	
01572					V	38558A	E-350, 349-3	
01581			1CD135U	MV106 CONTROL CIRCUIT	V	38042A	E-350	
01582					V	38557A	E-350	
01583					V	1CJL	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01584	AFWS	MS106	1CD135V	MV106 CONTROL CIRCUIT	E	27282A	E-335	
01585					E	1CEB	E-335	
01586					A	1CEB	E-335	
01587					A	27142B	E-335	
01588					G	27142B	E-335	
01590					G	1CDB	E-335	
01591					U	1CDB	E-349-3	
01592					U	37048B	E-349-3	
01593					U	1CJM	E-349-3	
01594					V	1CJM	E-350, 349-3	
01595					V	38556B	E-350, 349-3	
01596			1CD135V	MV106 CONTROL CIRCUIT	A	37805B	E-349-2	
01597					V	37805B	E-349-3	
01598					V	1CJL	E-349-3	
01599					V	1CJL	E-350	
01600					V	38557A	E-350	
01601			1PD135A	MV106 POWER CIRCUIT	EE	46209A	E-417	
01602					DH	46209A	E-359, 416	
01603					EE	46209A	E-414	
01604					DF	46209A	E-347	
01605					DF	46067B	E-343, 344	
01605A					X	46067B	E-343, 344	
01605B					II	46067B*	E-343, 344	
01605C					Y	46067B	E-343, 344	
01606					Y	JB4640	E-346	
01607					Y	46217A	E-346	
01608			1PD135X	MV106 POWER CIRCUIT	EE	46209B	E-417	
01627			C5706	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01609			C5762A	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01610			CDE-11C	MV106 DISCONNECT SWITCH (CH. 1)	V		E-350	
01611			D135	MV106 MCC D1 CUBICLE (CH. 1)	Y		E-346	
01612			EV106	MV106 TERMINAL BOX (CH. 1)	EE		E-417	
01614			FPS106A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01615			FPS106B	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01616			FPS106C	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01617			FPS106D	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01618			FPSL4930A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01626			JT5721	MV106 TERMINAL BOX (CH. 1)	DD		E-356-1B	
01620			MV106	APPT 1 MN STM INLET ISO VLV (CH. 1)	EE		E-417	
01621			NCDE-11C	MV106 LOCAL CONTROLLER (CH. 1)	V		E-350	
01625			RC3701	MV106 RELAY CABINET (CH. 1)	A		E-349-2	
01700		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	EE	57151A	E-414	
01701					DD	57151A	E-356-1, 356-6	
01702					DD	1CPL	E-356-1, 356-6	
01703					DD	1CLA	E-356-6	
01704					V	36096G	E-348	
01705					V	1CLA	E-348, 347	
01706					V	36096F	E-350	
01707					DUCT	36096E*	E-310, 340	
01708					MC	Exposed	E-329	
01709					DUCT	36096D*	E-304, 310, 329	
01710					MB	Exposed	E-329	
01711					DUCT	36096C*	E-329	
01712					DUCT	36096B*	E-337, 329	
01712A					K	36096B	E-337, 338	
01713					K	36096A	E-338	
01714					K	36953A	E-338	
01715					K	1CGP	E-338	
01716			1CBE1271C	MV106A CONTROL CIRCUIT	EE	57151B	E-414	
01718			1CBE1271F	MV106A CONTROL CIRCUIT	K	36612A	E-338	
01719					K	36953A	E-338	
01720					K	1CGP	E-338	
01721			1CBE1271G	MS106A CONTROL CIRCUIT	K	36612B	E-338	
01722					K	1CGP	E-338	
01723					K	36096A	E-338	
01724					K	36096B	E-337, 329	
01724A					DUCT	36096B*	E-337, 338	
01725					DUCT	36096C*	E-329	
01726					MB	Exposed	E-329	
01727					DUCT	36096D*	E-304, 310, 329	
01728					MC	Exposed	E-329	
01729					DUCT	36096E*	E-310, 340	
01730					V	36096F	E-350	
01731					V	36096G	E-348	
01732					V	1CLA	E-348, 347	
01733					DD	1CLA	E-356-6	
01734					DD	1CPL	E-356-6	
01735					DD	JB5777	E-356-1A	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01735A	AFWS	MS106A	1CBE1271G	MS106A CONTROL CIRCUIT	DD	1CPL	E-356-6	
01736					DD	1CPM	E-356-6	
01737					FF	UNSCHED	E-353	
01738			1CBE1271H	MV106A CONTROL CIRCUIT	FF	1CPA62	E-356-10	
01739					FF	1CP62A	E-353	
01740					DD	1CP62A	E-423	
01741					DD	1CPL	E-356-6	
01742					DD	1CLA	E-356-6	
01743					V	1CLA	E-348	
01744					V	36096G	E-348	
01745					V	36096F	E-350	
01746					DUCT	36096E*	E-310, 340	
01747					MC	Exposed	E-329	
01748					DUCT	36096D*	E-304, 310, 329	
01749					MB	Exposed	E-329	
01750					DUCT	36096C*	E-329	
01751					DUCT	36096B*	E-337, 329	
01751A					K	36096B	E-337, 338	
01752					K	36096A	E-338	
01753					K	36953A	E-338	
01754					K	1CGP	E-338	
01755			1CBE1271J	MV106A CONTROL CIRCUIT	DUCT	36096E*	E-310, 340	
01756					FF	1CPA62	E-353	
01757					FF	1CP62A	E-423	
01759					DD	1CPL	E-356-6	
01760					DD	1CLA	E-356-6	
01761					V	1CLA	E-348, 347	
01762					V	36096G	E-348	
01763					V	36096F	E-350	
01764					MC	Exposed	E-329	
01765					DUCT	36096D*	E-329	
01766					MB	Exposed	E-329	
01767					DUCT	36096C*	E-329	
01768					DUCT	36096B*	E-337, 329	
01768A					K	36096B	E-337, 338	
01769					K	36096A	E-338	
01770					K	36953A	E-338	
01771					K	1CGP	E-338	
01772			1CBE1271K	MV106A CONTROL CIRCUIT	E	27283A	E-335	
01773					E	1CEB	E-335	
01774					A	1CEB	E-335	
01775					A	27142B	E-335	
01776					G	27142B	E-335	
01778					G	1CDB	E-335	
01779					U	1CDB	E-349-3	
01780					U	37048B	E-349-3	
01781					U	1CJM	E-349-3	
01782					V	1CJM	E-350	
01783					V	38556B	E-350	
01784			1CBE1271L	MV106A CONTROL CIRCUIT	V	38557A	E-350	
01785					V	1CJL	E-350	
01786					U	1CJL	E-349-3	
01787					CC	1CJL	E-347	
01788					CC	47250A	E-347	
01789					V	36096G	E-348	
01790					V	1CLA	E-348, 347	
01791					V	36096F	E-350	
01792					DUCT	36096E*	E-310, 340	
01793					MC	Exposed	E-329	
01794					DUCT	36096D*	E-304, 310, 329	
01795					MB	Exposed	E-329	
01796					DUCT	36096C*	E-329	
01797					DUCT	36096B*	E-337, 329	
01797A					K	36096B	E-337, 338	
01798					K	36096A	E-338	
01799					K	36953B	E-338	
01800					K	1CGP	E-338	
01801			1PBE1271A	MV106 POWER CIRCUIT	EE	PLEX	E-414	
01802					EE	JBS770	E-414	
01803					EE	36239A	E-413, 414	
01804					X	36239A	E-346-1	
01805					Q	36239A	E-338	
01806					J	36239A	E-338	
01807					K	36239A	E-338	
01808			BE1271	MV106A CIRCUIT BREAKER (CH. 1)	K		E-338	
01817			CS706	MV106A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01809			CS762A	MV106A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01810			CDE-11C	MV106A DISCONNECT SWITCH (CH. 1)	V		E-350	
01811			CDE-12B	MV106A DISCONNECT SWITCH (CH. 1)	K		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
01812	AFWS	MS106A	EV106A	MV106A TERMINAL BOX (CH. 1)	EE		E-414		
01813			FP5L4930B	MV106A PRESSURE SWITCH (CH. 1)	E		E-335		
01816			JT5721	MV106A TERMINATION BOX (CH. 1)	DD		E-356-1B		
01814			MV106A	AFP SG STM SUPPLY VLV (CH. 1)	EE		E-414		
01900	AFWS	MS107	2CBF1124B	MV107 CONTROL CIRCUIT	EE	67065A	E-414		
01901				DH	67065A	E-416			
01902				DH	JB6720	E-416			
01903				DH	47064C	E-416			
01904				DH	47064B*	E-344, 347, 358			
01904A				II	47064B*	E-344, 347, 358			
01904B				EE	47064B*	E-344, 347, 358			
01904C				DF	47064B*	E-344, 347, 358			
01905				DF	47064A	E-347			
01906				EE	67150A	E-414			
01908				F	27380B	E-335			
01909				F	2CEW	E-335			
01910				F	27381A	E-335			
01911				F	2CEC	E-335			
01912				A	2CEC	E-335			
01913				A	2CEB	E-335			
01914				A	2CEA	E-349-2, 347			
01915				DD	2CEA	E-356-7			
01916				DD	2CLA	E-356-7			
01917				DF	2CLA	E-347			
01918				DF	47703A	E-347			
01919				DF	2CLB	E-347			
01920				2CBF1124G	MV107 CONTROL CIRCUIT	FF	2CP92D	E-353	
01921						FF	2CP92A	E-353	
01922						DD	2CP92A	E-423	
01923						DD	2CEV	E-356-7	
01924						DD	2CPN	E-356-7	
01925						DD	2CKM	E-356-7	
01926						DD	2CPR	E-356-7	
01927						DD	2CLA	E-356-7	
01928						DF	2CLA	E-347	
01929						DF	47318A	E-347	
01930				2CBF1124H	MV107 CONTROL CIRCUIT	DF	47703A	E-347	
01931						DF	2CLB	E-347	
01932						DF	47317A	E-347	
01933						DF	2CLA	E-347	
01934				2CBF1124I	MS107 CONTROL CIRCUIT	DF	47705A	E-347	
01935						DF	2CLB	E-347	
01936						DD	2CLA	E-356	
01937						A	2CLA	E-356	
01938				DD	2CPP	E-356			
01938A				DD	2CPN	E-356			
01939				DD	JB5776	E-356			
01940				DD	2CPN	E-356			
01941				FF	UNSCHEM	E-353			
01942		2CBF1124K	MV107 CONTROL CIRCUIT	F	27380A	E-335			
01943				F	2CEW	E-335			
01944				F	27091A	E-335			
01945				F	2CEC	E-335			
01946				A	2CEC	E-335			
01947				A	2CEB	E-335			
01948				A	2CEA	E-349-2, 347			
01949				DD	2CEA	E-356-7			
01950				DD	2CLA	E-356-7			
01951				DF	2CLA	E-347			
01952				DF	47703A	E-347			
01953				DF	2CLB	E-347			
01954		2CBF1124L	MV107 CONTROL CIRCUIT	DF	2CLB	E-347			
01955				DF	47705A	E-347			
01956				DF	47317A	E-347			
01957				DF	2CLA	E-347			
01962		2CBF1124P	MV107 CONTROL CIRCUIT	F	27380D	E-335			
01963				F	2CEW	E-335			
01964				F	27381A	E-335			
01965				F	2CEC	E-335			
01966				A	2CEC	E-335			
01967				A	2CEB	E-335			
01968				A	2CEA	E-349-2, 347			
01969				DD	2CEA	E-356-7			
01970				DD	2CLA	E-356-7			
01971				DF	2CLA	E-347			
01972				DF	47703A	E-347			
01973				DF	2CLB	E-347			
01974		2CBF1124R	MV107 CONTROL CIRCUIT	F	27380C	E-335			

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
01975	AFWS	MS107	2CBF1124R	MV107 CONTROL CIRCUIT	F	2CEW	E-335	
01976					F	27091A	E-335	
01977					F	2CEC	E-335	
01978					A	2CEC	E-335	
01979					A	2CEB	E-335	
01980					A	2CEA	E-349-2, 347	
01981					DD	2CEA	E-356-7	
01982					DD	2CLA	E-356-7	
01983					DF	2CLA	E-347	
01984					DF	47703A	E-347	
01985					DF	2CLB	E-347	
01986			2CBF1124S	MV107 CONTROL CIRCUIT	EE	57150B	E-417	
01987			2CBF1124T	MV107 CONTROL CIRCUIT (MV107A INTLK)	EE	58000A	E-417	
01988			2CBF1124U	MV107 CONTROL CIRCUIT	DF	47363A	E-347	
01989					DF	47703A	E-347	
01990					DF	2CLB	E-347	
01991			2CBF1124V	MV107 CONTROL CIRCUIT	F	27363B	E-335	
01992					F	27363A	E-335	
01993					F	2CEC	E-335	
01994					A	2CEC	E-335	
01995					A	2CEB	E-335	
01996					A	2CEA	E-349-2, 347	
01997					DD	2CEA	E-356-7	
01998					DD	2CLA	E-356-7	
01999					DF	2CLA	E-347	
02000					DF	47705A	E-347	
02001					DF	2CLB	E-347	
02002			2CBF1124X	MV107 CONTROL CIRCUIT	G	27701B	E-418	
02003					G	JB2729	E-335, 418	
02004					G	27701A	E-335	
02005					G	2CEV	E-335	
02006					G	27168A	E-335	
02008					A	27168A	E-335	
02009					A	2CEH	E-335	
02010					A	27168A	E-335, 415	
02011					A	2CEH	E-335, 415	
02012					A	2CED	E-349-2, 347	
02013					DD	2CED	E-356-7	
02014					DD	2CKN	E-356-7	
02015					DF	2CKN	E-347	
02016					DF	47703A	E-347	
02017					DF	2CLB	E-347	
02018			2PBF1124A	MV107 POWER CIRCUIT	EE	67065B	E-414	
02019					DH	67065B	E-416	
02020					DH	JB6720	E-416	
02021					DH	47063C	E-416	
02022					DH	47063B*	E-344, 416	
02022A					EE	47063B*	E-344, 347, 358	
02022B					II	47063B*	E-344, 347, 358	
02022C					DF	47063B*	E-344, 347, 358	
02023					DF	47063A	E-347	
02024			BF1124	MV107 CIRCUIT BREAKER (CH. 2)	DF		E-347	
02041			C5709	MV107 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02025			C5792	MV107 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02026			CDP-11A-2	MV107 DISCONNECT SWITCH (CH. 2)	DF		E-347	
02027			CDP-11D	MV107 DISCONNECT SWITCH (CH. 2)	G		E-335	
02028			EV107	MV107 TERMINAL BOX (CH. 2)	EE		E-414	
02029			EV107A	MV107 TERMINAL BOX (CH. 2)	EE		E-417	
02030			FPS107A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02031			FPS107B	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02032			FPS107C	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02033			FPS107D	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02034			FPSL4931A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02040			JT5722	MV107 TERMINATION BOX (CH. 2)	DD		E-356	
02044			MV0106A	APP SG STEAM SUPPLY VALVE (INTLK)	EE		E-414	
02043			MV0107A	APP SG STEAM SUPPLY VALVE (INTLK)	EE		E-417	
02035			MV107	APPT 2 MN STM INLET ISO VLV (CH. 2)	EE		E-414	
02036			NCDF-11A	MV107 LOCAL CONTROLLER (CH. 2)	DF		E-347	
02100	MS107A		2CBF1188B	MV107A CONTROL CIRCUIT	EE	48039A	E-417	
02101					V	48039A	E-348	
02102			2CBF1188C	MV107A CONTROL CIRCUIT	EE	58000A	E-417	
02104			2CBF1188F	MV107A CONTROL CIRCUIT	V	48054A	E-348	
02105			2CBF1188G	MV107A CONTROL CIRCUIT	V	48043A	E-348	
02106					DD	48043A	E-348	
02107					DD	2CKL	E-348	
02108					DD	2CPN	E-356	
02109					DD	JB5776	E-356	
02110			2CBF1188H	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02111	AFWS	MS107A	2CBF1188H	MV107A CONTROL CIRCUIT	FF	2CP92A	E-353	
02112					DD	2CP92A	E-423	
02113					DD	2CEV	E-356-7	
02114					DD	2CPN	E-356-7	
02115					DD	2CKL	E-356-1	
02116					DD	48050A	E-356-1	
02117					V	48050A	E-356-1	
02118			2CBF1188J	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	
02119					FF	2CP92A	E-353	
02120					DD	2CP92A	E-423	
02121					DD	2CEV	E-356-7	
02122					DD	2CPN	E-356-7	
02123					DD	2CKL	E-356-1	
02124					DD	48050A	E-356-1	
02125					V	48050A	E-356-1	
02126			2CBF1188K	MV107A CONTROL CIRCUIT	F	27363C	E-335	
02127					F	27363A	E-335	
02128					F	2CEC	E-335	
02129					A	2CEC	E-335	
02130					A	2CEB	E-335	
02131					A	2CEA	E-349-2, 347	
02132					DD	2CEA	E-356-7	
02133					DD	2CLA	E-356-7	
02134					DF	2CLA	E-347	
02135					DF	47705A	E-347	
02136					DF	2CLB	E-347	
02137			2CBF1188L	MV107A CONTROL CIRCUIT	DF	47353A	E-347	
02138					DF	2CKL	E-347	
02139					DD	2CKL	E-356-1	
02140					DD	48050A	E-356-1	
02141					V	48050A	E-356-1	
02142			2CBF1188M	MV107A CONTROL CIRCUIT	DD	JB5776	E-356	
02143					DD	2CPN	E-356	
02144					FF	UNSCHED	E-353	
02145			2PBF1188A	MV107A POWER CIRCUIT	EE	48044C	E-417	
02146					EE	48044A	E-417	
02147					V	48044A	E-348	
02148			BF1188	MV107A CIRCUIT BREAKER (CH. 2)	V		E-348	
02157			C5709	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02149			C5792	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02150			CDF-11A-2	MV107A DISCONNECT SWITCH (CH. 2)	DF		E-347	
02151			CDF-11B	MV107A DISCONNECT SWITCH (CH. 2)	V		E-348	
02152			EV107A	MV107A TERMINAL BOX (CH. 2)	EE		E-417	
02153			FPSL4931B	MV107A PRESSURE SWITCH (CH. 2)	F		E-335	
02156			JTS722	MV107A TERMINATION BOX (CH. 2)	DD		E-356	
02154			MV107A	AFP SG STM SUPPLY VLV (CH. 2)	EE		E-417	
02200		MS5889A	1CV5889AA	SV5889A CIRTROL CIRCUIT	E	27189A	E-335	
02201					E	JB27A1	E-335	
02202					E	FLEX	E-335	
02203			1CV5889AB	SV5889A CONTROL CIRCUIT	FF	5706A4	E-353	
02204					DD	5706A4	E-356-1	
02205					DD	1CPM	E-356-1	
02206					DD	1CPR	E-356-1	
02207					DD	1CPL	E-356-1	
02208					DD	27115C	E-356-1	
02209					DD	27115B*	E-339, 344, 356	
02209A					II	27115B*	E-339, 344, 356	
02209B					CC	27115B*	E-339, 344, 356	
02210					II	27115A*	E-333, 339	
02210A					UU	27115A*	E-333, 339	
02210B					A	27115A*	E-333, 339	
02211					A	27115	E-335	
02212					A	1CEC	E-335	
02213					E	1CEC	E-335	
02214					E	27189B	E-335	
02215			1CV5889AC	SV5889A CONTROL CIRCUIT	FF	UNSCHED	E-353	
02216					DD	1CPL	E-356-1	
02217					DD	27115C	E-356-1	
02218					DD	27115B*	E-339, 344, 356	
02218A					II	27115B*	E-339, 344, 356	
02218B					CC	27115B*	E-339, 344, 356	
02219					II	27115A*	E-333, 339	
02219A					UU	27115A*	E-333, 339	
02219B					A	27115A*	E-333, 339	
02220					A	27115	E-335	
02221					A	1CEC	E-335	
02222					E	1CEC	E-335	
02223					E	27189B	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02224	AFWS	MS5889A	1CV5889AD	SV5889A CONTROL CIRCUIT	E	27189A	E-335	
02225					E	JB27A1	E-335	
02226					E	FLEX	E-335	
02227			1CV5889AF	SV5889A CONTROL CIRCUIT	E	Nipple	E-335	
02228			1CV5889AG	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02229					E	1CEC	E-335	
02230					A	1CEC	E-335	
02231					A	27115	E-335	
02232					A	27115A*	E-333, 339	
02232A					UU	27115A*	E-333, 339	
02232B					II	27115A*	E-333, 339	
02233					CC	27115B*	E-339, 344, 356	
02233A					II	27115B*	E-339, 344, 356	
02233B					DD	27115B*	E-339, 344, 356	
02234					DD	27115C	E-356	
02235					DD	1CPL	E-356	
02236					DD	1CP62A	E-356-1	
02237					FF	1CP62A	E-353	
02238					FF	1CPA	E-353	
02239			1CV5889AH	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02240					E	1CEC	E-335	
02241					A	1CEC	E-335	
02242					A	27115	E-335	
02243					A	27115A*	E-333, 339	
02243A					II	27115A*	E-333, 339	
02243B					UU	27115A*	E-333, 339	
02244					CC	27115B*	E-339, 344, 356	
02244A					II	27115B*	E-339, 344, 356	
02244B					DD	27115B*	E-339, 344, 356	
02245					DD	27115C	E-356	
02246					DD	1CPL	E-356	
02247					DD	1CP62A	E-356-10	
02248					FF	1CP62A	E-356-10	
02249					FF	1CPA62	E-353	
02250			1CV5889AJ	SV5889A CONTROL CIRCUIT	E	NIPPLE	E-335	
02251			C5709	SV5889A CTRL ROOM PANEL	FF		E-353	
02252			C5762A	SV5889A CTRL ROOM PANEL	FF		E-353	
02253			EV5889A	SV5889A TERMINAL BOX	E		E-335	
02254			NV5889A	SV5889A LOCAL CONTROLLER	E		E-335	
02255			SV5889A	AFWP 1 STEAM ADMISSION SOLENOID VALVE	E		E-335	
02300	MS5889B		2CV5889BA	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02301			2CV5889BB	SV5889B CONTROL CIRCUIT	FF	5706B3	E-353	
02302					DD	5706B3	E-356-1	
02303					DD	2CPN	E-356-1	
02304					A	2CED	E-335	
02305					A	2CEE	E-335	
02306					F	2CEE	E-335	
02307					F	27188B	E-335	
02307A					A	27188B	E-335	
02308			2CV5889BC	SV5889B CONTROL CIRCUIT	DD	2CP92B	E-356-7	
02309					DD	2CEV	E-356-7	
02310					DD	2CPN	E-356	
02311					DD	2CED	E-356	
02312					A	2CED	E-335	
02313					A	2CEE	E-335	
02314					F	2CEE	E-335	
02315					F	27188B	E-335	
02315A					A	27188B	E-335	
02316			2CV5889BD	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02323			2CV5889BF	SV5889B CONTROL CIRCUIT	F	Nipple	E-335	
02324			2CV5889BG	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02324A					A	27188B	E-335	
02325					F	2CEE	E-335	
02326					A	2CEE	E-335	
02327					A	2CED	E-335	
02328					DD	2CED	E-356-7	
02329					DD	2CPN	E-356	
02330					DD	2CEV	E-356-7	
02331					DD	2CP92B	E-356-7	
02332			2CV5889BH	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02332A					A	27188B	E-335	
02333					F	2CEE	E-335	
02334					A	2CEE	E-335	
02335					A	2CED	E-335	
02336					DD	2CED	E-356-7	
02337					DD	2CPN	E-356	
02338					DD	2CP92B	E-356-7	
02339					DD	2CEV	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02340	AFWS	MS5889B	2CV5889BJ	SV5889B CONTROL CIRCUIT	F	NIPPLE	E-335	
02341			C5709	SV5889B CTRL ROOM PANEL	FF		E-353	
02342			C5792	SV5889B CTRL ROOM PANEL	FF		E-353	
02343			EV5889B	SV5889B TERMINAL BOX	F		E-335	
02344			NV5889B	SV5889B LOCAL CONTROLLER	F		E-335	
02345			SV5889B	AFWP 2 STEAM ADMISSION SOLENOID VALVE	F		E-335	
02350		P14-1	N/A	TD AUX FW PUMP 1	E	MAN		
02355		P14-2	N/A	TD AUX FW PUMP 2	F	MAN		
02451		P241	AD210	MP2410 SWGR D2 CIRCUIT BREAKER	Q		E-338	
02400			BCAD210D	MP2410 CONTROL CIRCUIT	DD	BCPC	E-356-4	
02401					FF	BCP11C	E-356-8	
02402					DD	BCP11C	E-356-8	
02403					DD	BCPD	E-356-4	
02404					DD	BCGL	E-356-4	
02405					A	BCGL	E-356-4	
02406					A	BCGK	E-349-2, 356-4	
02407					A	BCGK	E-349-2	
02408					P	BCGK	E-338	
02409					Q	BCGK	E-338, 351-2	
02410					Q	36739A	E-338, 351-2	
02411			BCAD210E	MP2410 CONTROL CIRCUIT	FF	BCP11C	E-356-8	
02412					DD	BCP11C	E-356-8	
02413					DD	BCPC	E-356-4	
02414					DD	BCPD	E-356-4	
02415					DD	BCGL	E-356-4	
02416					A	BCGL	E-356-4	
02417					A	BCGK	E-349-2, 356-4	
02418					A	BCGK	E-349-2	
02419					P	BCGK	E-338	
02420					Q	BCGK	E-338, 351-2	
02421					Q	36739A	E-338, 351-2	
02422			BCAD210F	MP2410 CONTROL CIRCUIT	Q	36739A	E-338, 351-2	
02423					Q	BCGK	E-338, E-351-2	
02424					Q	36126D	E-338, E-351-2	
02425					S	36126D	E-338, 351-2	
02426					II	BCVL	E-313, E-338	
02427					II	BCVB	E-313, E-314	
02428					II	BCVK	E-314, E-349-1	
02429					II	24118A	E-308, E-349-1	
02430					II	24118B	E-308	
02431					II	JB2419	E-308	
02432					II	24118C	E-308	
02433			BCAD210G	MP2410 CONTROL CIRCUIT	II	24200A	E-308	
02434					II	JB2418	E-308	
02435					II	24101A	E-308	
02436					II	24101B	E-308	
02437			BPAD210H	MP2410 CONTROL CIRCUIT	Q	36125A	E-337	
02438					DUCT	36125A*	E-337, 342	
02439					F	36125B	E-335	
02440					F	36125C	E-335	
02441					II	36125C	E-349-1, 314, 308	
02442			C2405	MP2410 CONTROL CABINET	II		E-308	
02443			C5712	MP2410 CONTROL ROOM PANEL	FF		E-353	
02448			FPSHL5882	MP2410 PRESSURE SWITCH	II		E-308	
02449			MP2410	MOTOR DRIVEN FEED PUMP	II		E-308	
02450			R2408	MP2410 CONTROL CAB.	II		E-308	
02515		P242-1	AD210	MP2421 SWGR D2 CIRCUIT BREAKER (CH B)	Q		E-338	
02500			BCBF7114B	MP2421 CONTROL CIRCUIT	Q	36437A	E-351	
02501					Q	BCGL	E-338	
02502					Q	BCGD	E-338	
02503					Q	BCGN	E-338	
02504					P	BCGN	E-338	
02505					II	BCVL	E-338	
02506					II	BCVB	E-313, E-314	
02507					II	34137A	E-314	
02508			BCBF7114C	MP2421 CONTROL CIRCUIT	II	34137A	E-314	
02509					II	BCVB	E-314	
02510					II	34302A	E-308	
02511					II	JB2418	E-308	
02512					II	24101A	E-308	
02513					II	24101B	E-308	
02516			BF7114	MP2421 CIRCUIT BREAKER (CH B)	II		E-314	
02514			BPBF7114A	MP2421 POWER CIRCUIT	II	34303A	E-308, E-314	
02517			C2405	MP2421 CONTROL PANEL (CH B)	II		E-308	
02519			FPSHL5883	MP2421 PRESSURE SWITCH	II		E-308	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
02518	AFWS	P242-1	MP2421	MDFP AUX LUBE OIL PUMP	II		E-308	
02530		P242-2	N/A	MDFP SHAFT DRIVEN LO PUMP	II	MAN		
02535		T31-1	N/A	COND STD TANK 1-1	II	MAN		
02540		T31-2	N/A	COND STD TANK 1-2	II	MAN		
17400	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	FF	1CP63C	E-424	
17401					DD	1CF63C	E-424	
17402					DD	46055A	E-356-1, 356-6	
17403					DD	1CPL	E-356-1, 356-6	
17404					DD	46055B*	E-343, 344, 355	
17404A					A	46055B*	E-343, 344, 355	
17404B					DF	46055B*	E-343, 344, 355	
17404C					X	46055B*	E-343, 344, 355	
17404D					Y	46055B*	E-343, 344, 355	
17405					Y	1CKD	E-346	
17406					Y	46548A	E-346	
17407					Y	1CKA	E-346	
17408			1CBE1401H	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17409					Y	46548A	E-346	
17410					Y	1CKA	E-346	
17411			1CBE1401I	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17412					Y	46548A	E-346	
17413					Y	1CKA	E-346	
17414			1CBE1401J	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17415					DD	1CP16A	E-356-8	
17416					DD	46056A	E-356-1, 356-6	
17417					DD	1CPM	E-356-1, 356-6	
17418					DD	46056B*	E-343, 344, 355	
17418A					A	46056B*	E-343, 344, 355	
17418B					DF	46056B*	E-343, 344, 355	
17418C					X	46056B*	E-343, 344, 355	
17418D					Y	46056B*	E-343, 344, 355	
17419					Y	46260A	E-346	
17420					Y	1CKA	E-346	
17421			1CBE1401K	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17422					DD	1CP16A	E-356-8	
17423					DD	46056A	E-356-1, 6	
17424					DD	1CPM	E-356-1, 6	
17425					DD	46056B*	E-343, 344, 355	
17425A					A	46056B*	E-343, 344, 355	
17425B					DF	46056B*	E-343, 344, 355	
17425C					X	46056B*	E-343, 344, 355	
17425D					Y	46056B*	E-343, 344, 355	
17426					Y	46260A	E-346	
17427					Y	1CKA	E-346	
17428			1CBE1401L	MC0011 CONTROL CIRCUIT	Y	46629A	E-346	
17429					Y	1CKD	E-346	
17430					Y	46548A	E-346	
17431					Y	1CKA	E-346	
17431A			1CBE1401M	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17431B					Y	46548A	E-346	
17431C					Y	1CKA	E-346	
17432			1PB1401A	MC0011 POWER CIRCUIT	A	46098A (B)	E-338	
17433					A	1PGS (B)	E-338	
17434					A	46098A*	E-343	
17434A					DF	46098A*	E-343	
17434B					P	46098A*	E-343	
17434C					R	46098A*	E-343	
17434D					Q	46098A*	E-343	
17434E					X	46098A*	E-343	
17434F					S	46098A*	E-343	
17434G					Y	46098A*	E-343	
17435					Y	46098A	E-343	
17436			1PB1401B	MC0011 POWER CIRCUIT	A	46097A (B)	E-349-2	
17437					A	1PGS (B)	E-349-2	
17438					A	46097A*	E-343	
17438A					DF	46097A*	E-343	
17438B					P	46097A*	E-343	
17438C					R	46097A*	E-343	
17438D					Q	46097A*	E-343	
17438E					X	46097A*	E-343	
17438F					S	46097A*	E-343	
17438G					Y	46097A*	E-343	
17439					Y	46097A	E-343	
17440			1PB1401C	MC0011 POWER CIRCUIT	D	39029C (C)	E-365, 369	
17441					D	39029B*	E-365, 362	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17442	CACS	C1-1	1PBE1401C	MC0011 POWER CIRCUIT	D	39029A (C)	E-362	
17443					A	EXPOSED(A)	E-378B-3	
17444			1PBE1401D	MC0011 POWER CIRCUIT	D	39028C (C)	E-365, 369	
17445					D	39028B*	E-365, 362	
17446					D	39028A (C)	E-362	
17447					A	EXPOSED(A)	E-378B-3	
17448			BE1401	MC0011 CIRCUIT BREAKER (CH. 1)	Y		E-346	
17449			CS716	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17450			CS763C	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17451			CDE-12A-1	MC0011 DISCONNECT SWITCH (CH. 1)	Y		E-346	
17452			MC0011	CONTAINMENT COOLER FAN 1 MOTOR (CH. 1)	D		E-369	
17453			P1P3BI	MC0011 PENETRATION TERMINAL BOX (CH. 1)	D	(C)	E-362	
17454			P1P3BX	MC0011 PENETRATION TERMINAL BOX (CH. 1)	A	(B)	E-349-2	
17500		C1-2	2CBF1401G	MC0012 CONTROL CIRCUIT	FF	2CP56C	E-424	
17501					DD	2CP56C	E-424	
17502					DD	2CPN	E-356-7	
17503					DD	2CKM	E-356-1, 356-7	
17504					DF	2CKM	E-347	
17505					X	2CKM	E-346	
17506					X	46742A	E-346	
17507			2CBF1401H	MC0012 CONTROL CIRCUIT	X	46363A	E-346	
17508					X	46742A	E-346	
17509					X	2CKM	E-346	
17510			2CBF1401I	MC0012 CONTROL CIRCUIT	X	46363A	E-346	
17511					X	46742A	E-346	
17512					X	2CKM	E-346	
17513			2CBF1401J	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17514					DD	2CP16C	E-356-8	
17515					DD	2CPN	E-356-7	
17516					DD	2CKM	E-356-1, 356-7	
17517					DF	2CKM	E-347	
17518					X	2CKM	E-346	
17519					X	46360A	E-346	
17520			2CBF1401K	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17521					DD	2CP16C	E-356-8	
17522					DD	2CPN	E-356-7	
17523					DD	2CKM	E-356-1, 356-7	
17524					DF	2CKM	E-347	
17525					X	2CKM	E-346	
17526					X	46360A	E-346	
17527			2CBF1401L	MC0012 CONTROL CIRCUIT	X	46715A	E-346	
17528					X	46892A	E-346	
17529					X	2CKL	E-346	
17530					X	46742A	E-346	
17531					X	2CKM	E-346	
17532			2PBF1401A	MC0012 POWER CIRCUIT	DF	46737B	E-343, 346	
17533					DF	JB4625	E-346	
17534					DF	46737A	E-346	
17535					X	46737A	E-346	
17536			2PBF1401B	MC0012 POWER CIRCUIT	DF	46736B	E-343, 346	
17537					DF	JB4625	E-346	
17538					DF	46736A	E-346	
17539					X	46736A	E-346	
17540			2PBF1401C	MC0011 POWER CIRCUIT	D	Flex	E-373	
17542					D	39023C	E-373	
17543					D	39023B*	E-365	
17544					D	39023A	E-362	
17545					A	EXPOSED	E-378B-3	
17546			2PBF1401D	MC0011 POWER CIRCUIT	D	Flex	E-373	
17548					D	39022C	E-373	
17549					D	39022B*	E-365	
17550					D	39022A	E-362	
17551					A	EXPOSED	E-378B-3	
17552			BF1401	MC0012 CIRCUIT BREAKER (CH. 2)	X		E-346	
17553			CS716	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17554			CS756C	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17555			CDP-12A-1	MC0012 DISCONNECT SWITCH (CH. 2)	X		E-346	
17556			MC0012	CONTAINMENT COOLER FAN 2 MOTOR (CH. 2)	D		E-369, 373	
17557			P2P5FI	MC0012 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
17558			P2P5FX	MC0012 PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
17600		C1-3	1CBE1501C	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17601					Y	46547A	E-346	
17602					Y	1CKA	E-346	
17603			1CBE1501D	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17604					Y	46547A	E-346	
17605					Y	1CKA	E-346	
17606			1CBE1501F	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17607	CACS	C1-3	1CBE1501F	MC0013 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
17608					DD	46056A	E-356-1, 6	
17609					DD	1CPM	E-356-1, 6	
17610					DD	46056B*	E-343,344,355	
17610A					A	46056B*	E-343,344,355	
17610B					DF	46056B*	E-343,344,355	
17610C					X	46056B*	E-343,344,355	
17610D					Y	46056B*	E-343,344,355	
17611					Y	46260A	E-346	
17612					Y	1CKA	E-346	
17613			1CBE1501G	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17614					DD	1CP16A	E-356-8	
17615					DD	46056A	E-356-1, 6	
17616					DD	1CPM	E-356-1, 6	
17617					DD	46056B*	E-343,344,356-1	
17617A					A	46056B*	E-343,344,356-1	
17617B					DF	46056B*	E-343,344,355	
17617C					X	46056B*	E-343,344,355	
17617D					Y	46056B*	E-343,344,355	
17618					Y	46260A	E-346	
17619					Y	1CKA	E-346	
17620			1CBE1501H	MC0013 CONTROL CIRCUIT	FF	1CP63C	E-424	
17621					DD	1CP63C	E-424	
17622					DD	46055A	E-356-1, 6	
17623					DD	1CPL	E-356-1, 6	
17624					DD	46055B*	E-343,344,355	
17624A					A	46055B*	E-343,344,355	
17624B					DF	46055B*	E-343,344,355	
17624C					X	46055B*	E-343,344,355	
17624D					Y	46055B*	E-343,344,355	
17625					Y	1CKD	E-346	
17626					Y	46547A	E-346	
17627					Y	1CKA	E-346	
17628			1PBE1501A	MC0013 POWER CIRCUIT	Y	46077A	E-343	
17629					Y	46077A*	E-343	
17629A					S	46077A*	E-343	
17629B					Y	46077A*	E-343	
17630					Y	E1	E-343	
17631					Y	46520A	E-346	
17632			1PBE1501B	MC0013 POWER CIRCUIT	Y	46076A	E-343	
17633					Y	46076A*	E-343	
17633A					S	46076A*	E-343	
17633B					Y	46076A*	E-343	
17634					Y	E1	E-343	
17635					Y	46519A	E-343	
17636			2CBF1501C	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17637					X	46743A	E-346	
17638					X	2CKM	E-346	
17639			2CBF1501D	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17640					X	46743A	E-346	
17641					X	2CKM	E-346	
17642			2CBF1501F	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17643					DD	2CP16C	E-356-8	
17644					DD	2CPN	E-356-7	
17645					DD	2CKM	E-356-1, 7	
17646					DF	2CKM	E-347	
17647					X	2CKM	E-346	
17648					X	46360A	E-346	
17649			2CBF1501G	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17650					DD	2CP16C	E-356-8	
17651					DD	2CPN	E-356-7	
17652					DD	2CKM	E-356-1, 7	
17653					DF	2CKM	E-347	
17654					X	2CKM	E-346	
17655					X	46360A	E-346	
17656			2CBF1501H	MC0013 CONTROL CIRCUIT	FF	2CP56C	E-424	
17657					DD	2CP56C	E-424	
17658					DD	2CPN	E-356-7	
17659					DD	2CKM	E-356-1, 7	
17660					DF	2CKM	E-347	
17661					X	2CKM	E-346	
17662					X	46743A	E-346	
17663			2PBF1501A	MC0013 POWER CIRCUIT	Y	46078A	E-343	
17664					Y	46078A*	E-343	
17664A					S	46078A*	E-343	
17664B					Y	46078A*	E-343	
17664C					Y	46078A*	E-343	
17664D					Q	46078A*	E-343	
17664E					X	46078A*	E-343	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
17665	CACS	C1-3	2PBF1501A	MC0013 POWER CIRCUIT	X	F1	E-343	
17666					X	46745A	E-346	
17667			2PBF1501B	MC0013 POWER CIRCUIT	Y	46079A	E-343	
17668					Y	46079A*	E-343	
17668A					S	46079A*	E-343	
17668B					Y	46079A*	E-343	
17668C					Y	46079A*	E-343	
17668D					Q	46079A*	E-343	
17668E					X	46079A*	E-343	
17669					X	F1	E-343	
17670					X	46744A	E-343	
17671			3PBEF15A	MC0013 POWER CIRCUIT	Y	46071A	E-346	
17672					DF	46071C	E-346	
17673					DF	JB4670	E-346	
17674					DF	46071B	E-346	
17675					DF	46071A*	E-343, 344	
17675A					A	46071A*	E-343, 344	
17675B					P	46071A*	E-343, 344	
17675C					R	46071A*	E-343, 344	
17675D					Q	46071A*	E-343, 344	
17675E					X	46071A*	E-343, 344	
17675F					Y	46071A*	E-343, 344	
17675G					S	46071A*	E-343, 344	
17675H					Y	46071A*	E-343, 344	
17676			3PBEF15B	MC0013 POWER CIRCUIT	Y	46069A	E-346	
17677					DF	46069C	E-346	
17678					DF	JB4670	E-346	
17679					DF	46069B	E-346	
17680					Y	46069A*	E-343	
17680A					S	46069A*	E-343	
17680B					Y	46069A*	E-343	
17680C					X	46069A*	E-343	
17680D					Q	46069A*	E-343	
17680E					R	46069A*	E-343	
17680F					P	46069A*	E-343	
17680G					A	46069A*	E-343	
17680H					DF	46069A*	E-343	
17681			3PBEF15C	MC0013 POWER CIRCUIT	D	39020C	E-373, 365	
17682					D	39020B*	E-365	
17683					D	39020A	E-362	
17684					A	Exposed	E-378B-3	
17685			3PBEF15D	MC0013 POWER CIRCUIT	D	39019C	E-373, 365	
17686					D	39019B*	E-365	
17687					D	39019A	E-362	
17688					A	Exposed	E-378B-3	
17689			BEF153	MC0013 CIRCUIT BREAKER (CH. 1/2)	Y		E-346	
17690			C5716	MC0013 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
17691			C5756C	MC0013 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17692			C5763C	MC0013 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17693			CDE-12A-1	MC0013 DISCONNECT SWITCH (CH. 1)	Y		E-346	
17694			CDP-12A-1	MC0013 DISCONNECT SWITCH (CH. 2)	X		E-346	
17695			MC0013	CONTAINMENT COOLER FAN 3 MOTOR (CH. 1/2)	D		E-373, 369	
17696			P3P4CI	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	D		E-362	
17697			P3P4CX	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	DF		E-346	
17698A		E37-1	N/A	CAC COIL 1	D	MAN		
17698B		E37-2	N/A	CAC COIL 2	D	MAN		
17698C		E37-3	N/A	CAC COIL 3	D	MAN		
17700	CCWS	CC1407A	1CBE1173C	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17701					AB	1CJP	E-350	
17702					AB	38076A	E-350	
17703			1CBE1173D	MV1407A CONTROL CIRCUIT	D	39096A	E-369	
17704					D	39096B	E-369	
17705					AB	Exposed	E-363, 369	
17706			1CBE1173E	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17707					V	1CJM	E-350	
17708					U	1CJM	E-349-3	
17709					DD	1CJM	E-356-6	
17710					DD	1CPL	E-356-6	
17711					DD	1CP62C	E-356-10	
17712					FF	1CP62C	E-356-10	
17713			1CBE1173F	MV1407A CONTROL CIRCUIT	V	1CJL	E-350	
17714					V	38375A	E-350	
17715					V	38561A	E-350	
17716			1CBE1173G	MV1407A CONTROL CIRCUIT	V	38559A	E-350	
17717					V	1CJL	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
17718	CCWS	CC1407A	1CBEL173G	MV1407A CONTROL CIRCUIT	U	1CJL	E-349-3	
17719					DD	1CJL	E-356-6	
17720					DD	1CPL	E-356-6	
17721					DD	1CPT	E-356-6	
17722					DD	1CFM	E-356-6	
17723					DD	1CP17A	E-356-8	
17724					FF	1CP17A	E-356-8	
17725			1PBEL173A	MV1407A POWER CIRCUIT	V	38001A*	E-340	
17725A					G	38001A*	E-340	
17725B					AB	38001A*	E-340	
17725C					AB	38001A*	E-340	
17726					AB	JB3806	E-351	
17727					AB	1PJA	E-340	
17728			1PBEL173B	MV1407A POWER CIRCUIT	AB	Exposed	E-363, 369	
17729					D	1PBM	E-369	
17730					D	39098A	E-369	
17731			BE1173	MV1407A CIRCUIT BREAKER (CH. 1)	V		E-350	
17732			C5717	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17733			C5762C	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17734			C5763D	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17735			CDE-11B-2	MV1407A DISCONNECT SWITCH (CH. 1)	V		E-350	
17736			MV1407A	CC OUTLET ISOLATION VALVE (CH. 1)	D		E-369	
17737			P1C2LI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17738			P1C2LX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
17739			P1P2MI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17740			P1P2MX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
17800		CC1407B	2CBF1158B	MV1407B CONTROL CIRCUIT	V	JB3800	E-350	
17801					V	48319A	E-350	
17802					A	48319A	E-349-2	
17803			2CBF1158C	MV1407B CONTROL CIRCUIT	A	37520A	E-349-2	
17804			2CBF1158D	MV1407B CONTROL CIRCUIT	A	Nipple	E-349-2	
17805			2CBF1158E	MV1407B CONTROL CIRCUIT	FF	2CP55C	E-424	
17806					DD	48052A	E-356-7	
17807					DD	2CKL	E-356-7	
17808					DD	2CPN	E-356-7	
17809					DD	2CP55C	E-424	
17810					V	48052A	E-356-1	
17811			2CBF1158F	MV1407B CONTROL CIRCUIT	V	48049A	E-348	
17812			2CBF1158G	MV1407B CONTROL CIRCUIT	V	48053A	E-356-1	
17813					DD	48053A	E-356-7, 356-1	
17814					DD	2CKL	E-356-7, 356-1	
17815					DD	2CPN	E-356-7	
17816					DD	2CP18A	E-356-8	
17817					FF	2CP18A	E-356-8	
17818			2PBF1158A	MV1407B POWER CIRCUIT	V	48025A	E-345, 344	
17819					A	48025B	E-349-2	
17820			BF1158	MV1407B CIRCUIT BREAKER (CH. 2)	V		E-348	
17821			C5717	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17822			C5755C	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17823			C5756D	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17824			CDF-11B	MV1407B DISCONNECT SWITCH (CH. 2)	V		E-348	
17825			EV1407B	MV1407B TERMINAL BOX (CH. 2)	A		E-349-2	
17826			MV1407B	CC OUTLET ISOLATION VALVE (CH. 2)	A		E-349-2	
17827			NV1407B	MV1407B LOCAL CONTROLLER (CH. 2)	A		E-349-2	
17900		CC1409	2CBF1227C	CC1409 CONTROL CIRCUIT	X	46740A	E-346	
17901					X	2CKM	E-346	
17903					DF	2CKM	E-346	
17904					DF	47078A	E-347	
17905					DF	2CLA	E-347	
17906			2CBF1227D	CC1409 CONTROL CIRCUIT	D	49161A	E-362, 373	
17907					D	JB2920	E-373	
17908					D	29063A	E-373	
17909					D	JB2911	E-373	
17910					D	29093A	E-373	
17911					A	Exposed	E-378B-3	
17912			2CBF1227E	CC1409 CONTROL CIRCUIT	X	46739C	E-346	
17913					X	2CKM	E-346	
17914					X	46526A	E-346	
17915			2CBF1227F	CC1409 CONTROL CIRCUIT	X	46526B	E-346	
17916					X	2CKM	E-346	
17917					DF	2CKM	E-346, 347	
17918					DD	2CKM	E-356	
17919					DD	2CPN	E-356	
17920					DD	2CP02C	E-356-8	
17921					FF	2CP02C	E-356-8	
17922			2CBF1227H	CC1409 CONTROL CIRCUIT	X	46729A	E-346	
17923					X	2CKM	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17924	CCWS	CC1409	2CBF1227H	CC1409 CONTROL CIRCUIT	X	46892D	E-346	
17925					X	2CKL	E-346	
17926					X	46247B	E-346	
17927			2PBF1227A	CC1409 POWER CIRCUIT	X	46085A	E-346	
17928					DF	46085A	E-346	
17929			2PBF1227B	CC1409 POWER CIRCUIT	D	49076A	E-373	
17930					D	JB2916	E-373	
17931					D	NIPPLE	E-373	
17932					D	JB2907	E-373	
17933					D	29031A	E-373	
17934					A	Exposed	E-378B-3	
17935			BF1227	CC1409 CIRCUIT BREAKER (CH 2)	X		E-346	
17936			C5703	CC1409 CONTROL ROOM PANEL (CH 2)	FF		E-353	
17942			CDF12A-2	CC1409 DISCONNECT SWITCH (CH 2)	X		E-346	
17943			MV14090	RC LETDOWN CLR 1 CCW IN VALVE (CH 2)	D		E-373	
17938			P2CSGI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
17937			P2CSGX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
17940			P2PSFI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
17939			P2PSFX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
17941			RC4605	CC1409 RELAY CABINET (CH 2)	X		E-346	
18000		CC1410	2CBF1228C	CC1410 CONTROL CIRCUIT	X	46740A	E-346	
18001					X	2CKM	E-346	
18002					DF	2CKM	E-346	
18003					DF	47078A	E-347	
18004					DF	2CLA	E-347	
18005			2CBF1228D	CC1410 CONTROL CIRCUIT	D	49161A	E-362, 373	
18006					D	JB2920	E-373	
18007					D	29063A	E-373	
18008					D	JB2911	E-373	
18009					D	29094A	E-373	
18010					A	Exposed	E-378B	
18011			2CBF1228E	CC1410 CONTROL CIRCUIT	X	46739C	E-346	
18012					X	2CKM	E-346	
18013					X	46526B	E-346	
18014			2CBF1228F	CC1410 CONTROL CIRCUIT	X	46526C	E-346	
18015					X	2CKM	E-346	
18016					DF	2CKM	E-346, 347	
18017					DD	2CKM	E-356	
18018					DD	2CPN	E-356	
18019					DD	2CP02C	E-356	
18020					FF	2CP02C	E-356	
18021			2CBF1228H	CC1410 CONTROL CIRCUIT	X	46729A	E-346	
18022					X	2CKM	E-346	
18023					X	46892D	E-346	
18024					X	2CKL	E-346	
18025					X	46247B	E-346	
18026			2PBF1228A	CC1410 POWER CIRCUIT	X	46085A	E-346	
18027					DF	46085A	E-346	
18028			2PBF1228B	CC1410 POWER CIRCUIT	D	49076A	E-373	
18029					D	JB2916	E-373	
18030					D	NIPPLE	E-373	
18031					D	JB2907	E-373	
18032					D	29034A	E-363	
18033					A	Exposed	E-378B	
18034			BF1228	CC1410 CIRCUIT BREAKER (CH 2)	X		E-346	
18035			C5703	CC1410 CONTROL ROOM PANEL (CH 2)	FF		E-353	
18041			CDF12A-2	CC1410 DISCONNECT SWITCH (CH 2)	X		E-346	
18042			MV14100	RC LETDOWN CLR 2 CCW IN VLV (CH 2)	D		E-363	
18037			P2CSGI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18036			P2CSGX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18039			P2PSFI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18038			P2PSFX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18040			RC4605	CC1410 RELAY CABINET (CH 2)	X		E-346	
18100		CC1411A	1CBE1176C	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18101					AB	1CJP	E-350, 351-5	
18102					AB	38076A	E-350, 351-5	
18103			1CBE1176D	MV1411A CONTROL CIRCUIT	AB	Exposed	E-378B-3	
18104					D	39096B	E-369	
18105					D	39097A	E-369	
18106			1CBE1176E	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18107					V	1CJM	E-350	
18108					U	1CJM	E-349-3	
18109					DD	1CPL	E-356-6	
18110					DD	1CP62C	E-356-10	
18111					FF	1CP62C	E-356-10	
18112			1CBE1176F	MV1411A CONTROL CIRCUIT	V	1CJM	E-350	
18113					V	38379A	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
18114	CCWS	CC1411A	1CBEL176F	MV1411A CONTROL CIRCUIT	V	38563A	E-350	
18115			1CBEL176G	MV1411A CONTROL CIRCUIT	V	38562A	E-350	
18116					V	1CJL	E-350	
18117					U	1CJL	E-349-3	
18118					DD	1CPL	E-356-6	
18119					DD	1CPT	E-356-6	
18120					DD	1CPM	E-356-6	
18121					DD	1CP17A	E-356-8	
18122					FF	1CP17A	E-356-8	
18123			1CBEL176H	MV1411A CONTROL CIRCUIT	V	1CJL	E-350	
18124					V	38378A	E-350	
18125					V	37604A	E-350	
18126					A	37604A	E-349-2	
18127			1CLR3757A	MV1411A CONTROL CIRCUIT	EE	57070B	E-414	
18128					EE	57070C	E-414	
18129					EE	57070E	E-414	
18130					DD	57070E	E-356-6	
18131					DD	1CPL	E-356-6	
18132					DD	1CJL	E-356-6	
18133					CC	1CJL	E-347	
18134					U	1CJL	E-349-3	
18135					V	1CJL	E-349-3	
18136					V	37604A	E-349-3	
18137					A	37604A	E-349-2	
18138			1CLR3757B	MV1411A CONTROL CIRCUIT	EE	57070D	E-414	
18139					V	37604A	E-349-3	
18140					V	1CJL	E-349-3	
18141					EE	57070E	E-414	
18142					DD	1CJL	E-356-6	
18143					CC	1CJL	E-347	
18144					U	1CJL	E-349-3	
18145					DD	1CPL	E-356-6	
18146					DD	57070E	E-356-6	
18147					A	37604A	E-349-2	
18148			1PBE1176A	MV1411A POWER CIRCUIT	V	38002A	E-340	
18149					V	38002A*	E-340	
18149A					G	38002A*	E-340	
18149B					AB	38002A*	E-340	
18149C					AB	38002A*	E-340	
18150					AB	38002A	E-340, 350	
18151			1PBE1176B	MV1411A POWER CIRCUIT	AB	Exposed	E-378B-3	
18152					D	39099A	E-369	
18153					D	1PBM	E-369	
18154			BE1176	MV1411A CIRCUIT BREAKER (CH. 1)	V		E-350	
18155			C5717	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18156			C5762C	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18157			CDB-11B-1	MV1411A DISCONNECT SWITCH (CH. 1)	V		E-350	
18158			FLSLL3757B	MV1411A LEVEL SWITCH	EE		E-414	
18159			FLSLL3757C	MV1411A LEVEL SWITCH	EE		E-414	
18160			MV1411A	CC INLET ISOLATION VALVE (CH. 1)	D		E-369	
18161			P1C2LI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
18162			P1C2LX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18163			P1P2MI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
18164			P1P2MX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18165			RC3704	MV1411A RELAY CABINET (CH. 1)	A		E-349-2	
18200		CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	V	JB3800	E-350	
18201					V	48315A	E-350	
18202					A	48315A	E-349-2	
18203			2CBF1159C	MV1411B CONTROL CIRCUIT	A	37517A	E-349-2	
18204			2CBF1159D	MV1411B CONTROL CIRCUIT	A	Nipple	E-349-2	
18205			2CBF1159E	MV1411B CONTROL CIRCUIT	V	48052A	E-356-1	
18206					DD	48052A	E-356-7, 356-1	
18207					DD	2CKL	E-356-7, 356-1	
18208					DD	2CPN	E-356-7	
18209					DD	2CP55C	E-424	
18210					FF	2CP55C	E-424	
18211			2CBF1159F	MV1411B CONTROL CIRCUIT	V	48049A	E-348	
18212			2CBF1159G	MV1411B CONTROL CIRCUIT	V	48053A	E-356-1	
18213					DD	48053A	E-356-7, 356-1	
18214					DD	2CKL	E-356-7, 356-1	
18215					DD	2CPN	E-356-7	
18216					DD	2CP18A	E-356-8	
18217					FF	2CP18A	E-356-8	
18218			2CBF1159H	MV1411B CONTROL CIRCUIT	V	48052A	E-348	
18219					DD	48052A	E-356-7, 356-1	
18220					DD	2CKL	E-356-7, 356-1	
18221					DD	2CPR	E-356-7	
18222					DD	2CKN	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18223	CCWS	CC1411B	2CBF1159H	MV1411B CONTROL CIRCUIT	DD	2CED	E-356-7	
18224					A	2CED	E-356-7	
18225					A	2CEG	E-349-2, 347	
18226					A	37755A	E-349-2, 347	
18227					A	37755A	E-349-2	
18228			2CLR3758A	MV1411B CONTROL CIRCUIT	EE	57071B	E-414	
18229					EE	57071C	E-414	
18230					EE	57071E	E-414	
18231					DD	57071E	E-356-7, 356-1	
18232					DD	2CKL	E-356-7, 356-1	
18233					DD	2CPR	E-356-7	
18234					DD	2CKN	E-356-7	
18235					DD	2CED	E-356-7	
18236					A	2CEG	E-349-2	
18237					A	37755A	E-349-2	
18238					A	37755A	E-349-2	
18239			2CLR3758B	MV1411B CONTROL CIRCUIT	EE	57071D	E-414	
18240					EE	57071E	E-414	
18241					DD	57071E	E-356-7	
18242					DD	2CKL	E-356-7	
18243					DD	2CPR	E-356-7	
18244					DD	2CKN	E-356-7	
18245					DD	2CED	E-356-7	
18246					A	2CEG	E-349-2	
18247					A	37755A	E-349-2	
18248					A	37755A	E-349-2	
18249			2PBF1159A	MV1411B POWER CIRCUIT	V	48026A	E-344, 345	
18250					V	48026A*	E-344, 345	
18250A					A	48026A*	E-344, 345	
18251					A	48026B	E-349-2	
18252			BF1159	MV1411B CIRCUIT BREAKER (CH. 2)	V		E-348	
18253			C5717	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18254			C5755C	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18255			CDP-11B	MV1411B DISCONNECT SWITCH (CH. 2)	V		E-348	
18256			EV1411B	MV1411B TERMINAL BOX (CH. 2)	A		E-349-2	
18257			FLSLL3758B	MV1411B LEVEL SWITCH	EE		E-414	
18258			FLSLL3758C	MV1411B LEVEL SWITCH	EE		E-414	
18259			MV1411B	CC INLET ISOLATION VALVE (CH. 2)	A		E-349-2	
18260			NV1411B	MV1411B LOCAL CONTROLLER (CH. 2)	A		E-349-2	
18261			RC3705	MV1411B RELAY CABINET (CH. 2)	A		E-349-2	
18300		CC1460	2CSF1724A	SV1460 CONTROL CIRCUIT	EE	57071A	E-414	
18301					EE	57071C	E-414	
18302					EE	57071E	E-414	
18303					DD	57071E	E-356-7	
18304					DD	2CKL	E-356-7	
18305					DD	2CPN	E-356-7	
18306					DD	2CP18A	E-356-7	
18307					FF	2CP18A	E-353	
18308			2CV1460A	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18309			2CV1460B	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18310			2CV1460C	SV1460 CONTROL CIRCUIT	T	Nipple	E-349-1	
18311			2CV1460D	SV1460 CONTROL CIRCUIT	FF	2CP18A	E-356-8	
18312					DD	2CP18A	E-356-8	
18313					DD	2CPN	E-356-7	
18314					DD	2CPP	E-356-7	
18315					DD	2CEA	E-356-7	
18316					A	2CEA	E-349-2	
18317					A	37450A	E-349-2	
18318					A	37450A	E-349-2	
18319					U	37450A	E-349-3	
18320					T	37450A	E-349-1	
18321					T	JB3722	E-349-1	
18322					T	37497A	E-349-1	
18323			2CV1460E	SV1460 CONTROL CIRCUIT	FF	2CP55C	E-424	
18324					DD	2CP55C	E-424	
18325					DD	2CPN	E-356-7	
18326					DD	2CPP	E-356-7	
18327					DD	2CEA	E-356-7	
18328					A	2CEA	E-349-2	
18329					A	37450A	E-349-2	
18330					A	37450A	E-349-2	
18331					U	37450A	E-349-3	
18332					T	37450A	E-349-1	
18333					T	JB3722	E-349-1	
18334					T	37497A	E-349-1	
18335			C5717	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18336			C5755C	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18337			EV1460	SV1460 TERMINAL BOX (CH. 2)	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
18338	CCWS	CC1460	NV1460	SV1460 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
18339			SV1460	CC VLV TO EMER INST AIR CMPR (CH. 2)	T		E-349-1	
18400		CC1467	1CV1467A	SV1467 CONTROL CIRCUIT	AB	17608B	E-332	
18401					AB	JB1748	E-332	
18402			1CV1467B	SV1467 CONTROL CIRCUIT	AB	Nipple	E-332	
18403			1CV1467C	SV1467 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
18404					DD	1CP16A	E-356-8	
18405					DD	1CPL	E-356-6	
18406					DD	1CDB	E-356-6	
18407					CC	1CDB	E-347	
18408					U	1CDB	E-349-3	
18409					G	1CDB	E-335	
18410					AB	1CDB	E-332	
18411					AB	17608A	E-332	
18412			1CV1467D	SV1467 CONTROL CIRCUIT	AB	17608B	E-332	
18413					AB	JB1748	E-332	
18414			1CV1467E	SV1467 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18415					DD	1CP62C	E-356-10	
18416					DD	1CPL	E-356-6	
18417					DD	1CDB	E-356-6	
18418					CC	1CDB	E-347	
18419					U	1CDB	E-349-3	
18420					G	1CDB	E-335	
18421					AB	1CDB	E-332	
18422					AB	17608A	E-332	
18423			C5716	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18424			C5762C	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18425			EV1467	SV1467 TERMINAL BOX (CH. 1)	AB		E-332	
18426			NV1467	SV1467 LOCAL CONTROLLER (CH. 1)	AB		E-332	
18427			SV1467	DHR COOLER 1-1 OUT ISO VLV (CH. 1)	AB		E-332	
18500		CC1469	2CV1469A	SV1469 CONTROL CIRCUIT	AB	17607C	E-332	
18501					AB	JB1747	E-332	
18502			2CV1469B	SV1469 CONTROL CIRCUIT	AB	Nipple	E-332	
18503			2CV1469C	SV1469 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
18504					DD	2CP16C	E-356-8	
18505					DD	2CPN	E-356-7	
18506					DD	2CPP	E-356-7	
18507					DD	2CEA	E-356-7	
18508					A	2CEA	E-335, 349-2	
18509					A	2CEB	E-335, 332	
18510					A	17607A	E-335, 332	
18511					AB	17607A	E-332	
18512			2CV1469D	SV1469 CONTROL CIRCUIT	AB	17607C	E-332	
18513					AB	JB1747	E-332	
18514			2CV1469E	SV1469 CONTROL CIRCUIT	FF	2CP55C	E-424	
18515					DD	2CP55C	E-424	
18516					DD	2CPN	E-356-7	
18517					DD	2CPP	E-356-7	
18518					DD	2CEA	E-356-7	
18519					A	2CEA	E-335, 349-2	
18520					A	2CEB	E-335, 332	
18521					A	17607A	E-335, 332	
18522					AB	17607A	E-332	
18523			C5716	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18524			C5755C	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18525			EV1469	SV1469 TERMINAL BOX (CH. 2)	AB		E-332	
18526			NV1469	SV1469 LOCAL CONTROLLER (CH. 2)	AB		E-332	
18527			SV1469	DHR COOLER 1-2 OUT ISO VLV (CH. 2)	AB		E-332	
18636		CC1471	N/A	DG JKT CLG WTR HX 1 OUT VLV	K	MAN		
18736		CC1474	N/A	DG JKT CLG WTR HX 2 OUT VLV	J	MAN		
18800		CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	EE	57070E	E-414	
18801					FF	1CP17B	E-356	
18802					DD	1CP17B	E-356	
18803					DD	1CPM	E-356	
18804					DD	1CPT	E-356	
18805					DD	57070E	E-356	
18806					DD	1CPL	E-356	
18807					EE	57070C	E-414	
18808					EE	57070A	E-414	
18809			1CV1495A	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18810			1CV1495B	SV1495 CONTROL CIRCUIT	U	Nipple	E-349-3	
18811			1CV1495C	SV1495 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
18812					DD	1CP17A	E-356-8	
18813					DD	1CPL	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
18814	CCWS	CC1495	1CV1495C	SV1495 CONTROL CIRCUIT	DD	1CJM	E-356-6	
18815					CC	1CJM	E-347	
18816					U	1CJM	E-349-3	
18817					U	37455A	E-349-3	
18818			1CV1495D	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18819			1CV1495E	SV1495 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18820					DD	1CP62C	E-356-10	
18821					DD	1CPL	E-356-6	
18822					DD	1CJM	E-356-6	
18823					CC	1CJM	E-347	
18824					U	1CJM	E-349-3	
18825					U	37455A	E-349-3	
18826			C5717	SV1495 CONTROL ROOM PANEL	FF		E-353	
18827			C5762C	SV1495 CONTROL ROOM PANEL	FF		E-353	
18828			EV1495	SV1495 TERMINAL BOX	U		E-349-3	
18829			NV1495	SV1495 LOCAL CONTROLLER	U		E-349-3	
18830			SV1495	CCW TO NON-ESSEN IN ISO VLV	U		E-349-3	
18900		CC2645	1CBE1161B	MV2645 CONTROL CIRCUIT	G	27510B	E-335	
18901					G	27510A	E-335	
18902			1CBE1161C	MV2645 CONTROL CIRCUIT	G	27261A	E-335	
18903			1CBE1161D	MV2645 CONTROL CIRCUIT	G	Nipple	E-335	
18904			1CBE1161E	MV2645 CONTROL CIRCUIT	G	27710A	E-335	
18905			1CBE1161F	MV2645 CONTROL CIRCUIT	FF	5720C1	E-356-9	
18906					DD	5720C1	E-356-1, 356-6	
18907					DD	1CPL	E-356-1, 356-6	
18908					DD	1CDB	E-356-6	
18909					CC	1CDB	E-347	
18910					U	1CDB	E-349-3	
18911					G	1CDB	E-335	
18912					G	27708A	E-335	
18913			1CBE1161G	MV2645 CONTROL CIRCUIT	S	36525A	E-338	
18914					S	1CGZ	E-338	
18915					S	36083A	E-338	
18916					S	1CGC	E-338	
18917					S	JB3607	E-338	
18918					S	36083B	E-338	
18919					DUCT	36083B*	E-337	
18920					E	1CEA	E-335	
18921					A	1CEA	E-335	
18922					A	27510C	E-335	
18923					G	27510C	E-335	
18924					G	27510A	E-335	
18925			1CBE1161H	MV2645 CONTROL CIRCUIT	S	36515A	E-338	
18926					S	36525A	E-338	
18927					S	1CGZ	E-338	
18928			1CBE1161I	MV2645 CONTROL CIRCUIT	S	36209A	E-338	
18929					S	1CGZ	E-338	
18930					S	36086A	E-338, 418	
18931					S	1CGC	E-338, 418	
18932					S	JB3607	E-338, 418	
18933					S	36086B	E-338	
18934					DUCT	36086B*	E-337, 342	
18935					E	1CEA	E-335	
18936					A	1CEA	E-335	
18937					A	27510C	E-335	
18938					G	27510C	E-335	
18939					G	27510B	E-335	
18940			1CBE1161J	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18941					V	37604A	E-349-3	
18942					V	1CJL	E-349-3	
18943					U	1CJL	E-349-3	
18944					U	37519A	E-349-3	
18945					U	1CDB	E-349-3	
18946					G	1CDB	E-335	
18947					G	27167A	E-335	
18948			1CCCW001A	MV2645 CONTROL CIRCUIT	S	36525B	E-338	
18949					S	36209A	E-338	
18950					S	1CGZ	E-338	
18951			1CCCW001B	MV2645 CONTROL CIRCUIT	T	37499A	E-349-1	
18952					T	37499C	E-349-1	
18953					T	JB3721	E-349-1	
18954					T	37590A	E-349-1	
18955					T	JB3715	E-349-1	
18956					T	36010C	E-349-1	
18957					T	36010B*	E-337, 339	
18957A					G	36010B*	E-337, 339	
18957B					A	36010B*	E-337, 339	
18957C					E	36010B*	E-337, 339	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
18957D	CCWS	CC2645	1CCCW001B	MV2645 CONTROL CIRCUIT	II	36010B*	E-337, 339	
18957E					DUCT	36010B*	E-337, 339	
18958					S	36010A	E-338	
18959					S	1CGC	E-338	
18960					S	36525A	E-338	
18961					S	1CGZ	E-338	
18962			1CCCW001C	MV2645 CONTROL CIRCUIT	T	37499B	E-349-1	
18963					T	37499C	E-349-1	
18964					T	JB3721	E-349-1	
18965					T	37590A	E-349-1	
18966					T	JB3715	E-349-1	
18967					T	36010C	E-349-1	
18968					T	36010B	E-337, 339	
18968A					G	36010B	E-337, 339	
18968B					A	36010B	E-337, 339	
18968C					E	36010B	E-337, 339	
18968D					II	36010B	E-337, 339	
18968E					DUCT	36010B*	E-337, 339	
18969					S	36010A	E-338	
18970					S	1CGC	E-338	
18971					S	36525A	E-338	
18972					S	1CGZ	E-338	
18973			1CLR3757A	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18974					V	37604A	E-349-3	
18975					U	37604A	E-349-3	
18976					U	1CJL	E-349-3	
18977					CC	1CJL	E-347	
18978					DD	1CJL	E-356-6	
18979					DD	1CPL	E-356-6	
18980					DD	57070E	E-356-6	
18981					EE	57070E	E-414	
18982					EE	57070C	E-414	
18983					EE	57070B	E-414	
18984			1CLR3757B	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18985					V	37604A	E-349-3	
18986					U	37604A	E-349-3	
18987					U	1CJL	E-349-3	
18988					CC	1CJL	E-347	
18989					DD	1CJL	E-356-6	
18990					DD	1CPL	E-356-6	
18991					DD	57070E	E-356-6	
18992					EE	57070E	E-414	
18993					EE	57070D	E-414	
18994			1PBE1161A	MV2645 POWER CIRCUIT	G	27511A	E-335	
18995			AC108	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
18996			AC113	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
18997			BE1161	MV2645 CIRCUIT BREAKER (CH. 1)	G		E-335	
18998			C5720	MV2645 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18999			CDE-11D	MV2645 DISCONNECT SWITCH (CH. 1)	G		E-335	
19000			EV2645	MV2645 TERMINAL BOX (CH. 1)	G		E-335	
19001			FFIS1427C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19002			FFIS1432C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19003			FLSLL3757B	MV2645 LEVEL SWITCH	EE		E-414	
19004			FLSLL3757C	MV2645 LEVEL SWITCH	EE		E-414	
19005			MV2645	CC RETURN HEADER LINE 1 VALVE (CH. 1)	G		E-335	
19006			MV2645	MV2645 LOCAL CONTROLLER (CH. 1)	G		E-335	
19007			RC3607	MV2645 RELAY CABINET (CH. 1)	S		E-338	
19008			RC3704	MV2645 RELAY CABINET (CH. 1)	A		E-349-2	
19100		CC2649	2CBF1161B	MV2649 CONTROL CIRCUIT	G	27410A	E-335	
19101			2CBF1161C	MV2649 CONTROL CIRCUIT	G	27260A	E-335	
19102			2CBF1161D	MV2649 CONTROL CIRCUIT	G	Nipple	E-335	
19103			2CBF1161E	MV2649 CONTROL CIRCUIT	G	27702B	E-335	
19104					G	JB2729	E-335	
19105					G	27702A	E-335	
19106					G	27418A	E-335	
19107					G	2CEV	E-335	
19108			2CBF1161F	MV2649 CONTROL CIRCUIT	FF	5721A1	E-356-9	
19109					DD	5721A1	E-356-7, 356-1	
19110					DD	2CPN	E-356-7, 356-1	
19111					DD	2CEV	E-356-7	
19112					CC	2CEV	E-347	
19113					U	2CEV	E-349-3	
19114					G	2CEV	E-335	
19115					G	27700A	E-335	
19116					G	27700B	E-335	
19117			2CBF1161G	MV2649 CONTROL CIRCUIT	DUCT	36192B*	E-337	
19118					F	2CEB	E-335	
19119					A	2CEB	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
19120	CCWS	CC2649	2CBF1161G	MV2649 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
19121					Q	36725A	E-338	
19122					Q	36192A	E-338	
19123					Q	2CGE	E-338	
19124					Q	JB3620	E-338	
19125					Q	36192B	E-338	
19126					DD	2CEA	E-356-1	
19127					DD	2CPP	E-356-1	
19128					DD	2CPN	E-356-1	
19129					DD	2CEV	E-356-1	
19130					CC	2CEV	E-347	
19131					U	2CEV	E-349-3	
19132					G	2CEV	E-335	
19133					G	27418A	E-335	
19134			2CBF1161H	MV2649 CONTROL CIRCUIT	Q	36715A	E-338	
19135					Q	36725A	E-338	
19136					Q	2CGE	E-338	
19137			2CBF1161I	MV2649 CONTROL CIRCUIT	Q	36210A	E-338	
19138					Q	36187A	E-338, 418	
19139					Q	2CGE	E-338, 418	
19140					Q	JB3620	E-338, 418	
19141					Q	36187B	E-338	
19142					DUCT	36187B*	E-337, 342	
19143					F	2CEF	E-335	
19144					A	2CEF	E-335	
19145					A	2CEG	E-335	
19146					A	2CEH	E-335	
19147					A	27168A	E-335	
19148					G	27168A	E-335	
19149					G	27420A	E-335	
19150					G	2CEV	E-335	
19151					G	BF11D	E-335	
19152					G	27410A	E-335	
19153			2CBF1161J	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19154					A	37755A	E-349-2	
19155					A	2CEG	E-349-2	
19156					A	2CEH	E-335	
19157					A	27168A	E-335	
19158					G	27168A	E-335	
19159					G	27420A	E-335	
19160					G	2CEV	E-335	
19161					G	27410A	E-335	
19162			2CCCW002A	MV2649 CONTROL CIRCUIT	Q	36725B	E-338	
19163					Q	36210A	E-338	
19164					Q	2CGE	E-338	
19165			2CCCW002B	MV2649 CONTROL CIRCUIT	T	37498A	E-349-1	
19166					T	37498C	E-349-1	
19167					T	JB3722	E-349-1	
19168					T	37591A	E-349-1	
19169					T	JT3718	E-349-1	
19170					T	36110C	E-349-1	
19171					T	36110B*	E-337, 339	
19171A					G	36110B*	E-337, 339	
19171C					A	36110B*	E-337, 339	
19171D					II	36110B*	E-337, 339	
19171E					F	36110B*	E-337, 339	
19172					DUCT	36110B*	E-337, 339	
19173					Q	36110A	E-338	
19174					Q	36725A	E-338	
19175			2CCCW002C	MV2649 CONTROL CIRCUIT	Q	2CGE	E-338	
19176					T	37498B	E-349-1	
19177					T	37498C	E-349-1	
19178					T	JB3722	E-349-1	
19179					T	37591A	E-349-1	
19180					T	JT3718	E-349-1	
19181					T	36110C	E-349-1	
19181A					T	36110B*	E-337, 339	
19181B					G	36110B*	E-337, 339	
19181C					A	36110B*	E-337, 339	
19181D					II	36110B*	E-337, 339	
19181E					F	36110B*	E-337, 339	
19182					DUCT	36110B*	E-337, 339	
19183					Q	36110A	E-338	
19184					Q	36725A	E-338	
19185			2CLR3758A	MV2649 CONTROL CIRCUIT	Q	2CGE	E-338	
19186					A	37755A	E-349-2	
19187					A	37755A	E-349-2	
19188					A	2CEG	E-349-2	
					DD	2CEG	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19189	CCWS	CC2649	2CLR3758A	MV2649 CONTROL CIRCUIT	DD	2CED	E-356-7	
19190					DD	2CKN	E-356-7	
19191					DD	2CPR	E-356-7	
19192					DD	2CKL	E-356-7, 356-1	
19193					DD	57071E	E-356-7, 356-1	
19194					EE	57071E	E-414	
19195					EE	57071C	E-414	
19196					EE	57071B	E-414	
19197			2CLR3758B	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19198					A	2CEG	E-349-2	
19199					A	37755A	E-349-2	
19200					DD	2CEG	E-356-7	
19201					DD	2CED	E-356-7	
19202					DD	2CKN	E-356-7	
19203					DD	2CPR	E-356-7	
19204					DD	2CKL	E-356-7	
19205					DD	57071E	E-356-7	
19206					EE	57071E	E-414	
19207					EE	57071D	E-414	
19208			2PBF1161A	MV2649 POWER CIRCUIT	G	27409A	E-335	
19209			AD108	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19210			AD113	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19211			BF1161	MV2649 CIRCUIT BREAKER (CH. 2)	G		E-335	
19212			CS720	MV2649 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
19213			CDP-11D	MV2649 DISCONNECT SWITCH (CH. 2)	G		E-335	
19214			EV2649	MV2649 TERMINAL BOX (CH. 2)	G		E-335	
19215			FFIS1422D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19216			FFIS1427D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19217			FLSLL3758B	MV2649 LEVEL SWITCH	EE		E-414	
19218			FLSLL3758C	MV2649 LEVEL SWITCH	EE		E-414	
19219			MV2649	CC RETURN HEADER LINE 2 VALVE (CH. 2)	G		E-335	
19220			NV2649	MV2649 LOCAL CONTROLLER (CH. 2)	G		E-335	
19221			RC3608	MV2649 RELAY CABINET (CH. 2)	Q		E-338	
19222			RC3705	MV2649 RELAY CABINET (CH. 2)	A		E-349-2	
19222A		CC42	N/A	NONESSENTIAL CCW ISOLATION VALVE	U	N/A		
19222B		CC43	N/A	NONESSENTIAL CCW BYPASS VALVE	U	N/A		
19700		CC5095	1CBEL226B	MV5095 CONTROL CIRCUIT	T	37600A	E-349-1	
19701					T	37593A	E-349-1	
19702					UU	37593A	E-349-1	
19703					A	37593A	E-335	
19704					A	1CEC	E-335	
19705					E	1CEC	E-335	
19706					DUCT	36090B*	E-337, 342	
19707					S	36090B	E-338	
19708					S	JB3607	E-338, 418	
19709					S	36090A	E-338, 418	
19710					S	1CGC	E-338	
19711					S	36356A	E-338	
19712					Y	36356A	E-346	
19713					Y	46539A	E-346	
19714					Y	1CKA	E-346	
19715			1CBEL226C	MV5095 CONTROL CIRCUIT	T	37600D	E-349-1	
19716					T	37600B	E-349-1	
19717			1CBEL226D	MV5095 CONTROL CIRCUIT	T	Nipple	E-349-1	
19718			1CBEL226E	MV5095 CONTROL CIRCUIT	Y	46263A	E-346	
19719					Y	46538A	E-346	
19720					Y	1CKA	E-346	
19721			1CBEL226F	MV5095 CONTROL CIRCUIT	FF	5720C1	E-356-9	
19722					DD	5720C1	E-356-9	
19723					DD	1CPL	E-356-1, 356-6	
19724					DD	46053A	E-356-1, 356-6	
19725					DD	46053B*	E-343, 344, 355	
19725A					A	46053B*	E-343, 344, 355	
19725B					DF	46053B*	E-343, 344, 355	
19725C					X	46053B*	E-343, 344, 355	
19725D					Y	46053B*	E-343, 344, 355	
19726					Y	1CKD	E-346	
19727					Y	46263A	E-346	
19728					Y	1CKA	E-346	
19729			1CBEL226G	MV5095 CONTROL CIRCUIT	S	36525A	E-338	
19730					S	1CGZ	E-338	
19731					S	1CGC	E-338	
19732					S	36357A	E-338	
19733					Y	36357A	E-346	
19734					Y	46539A	E-346	
19735					Y	1CKA	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19736	CCWS	CC5095	1CBE1226H	MV5095 CONTROL CIRCUIT	S	36515C	E-338	
19737					S	36525A	E-338	
19738					S	1CGZ	E-338	
19739			1CBE1226I	MV5095 CONTROL CIRCUIT	S	36209A	E-338	
19740					S	1CGZ	E-338	
19741					S	36090A	E-338, 418	
19742					S	1CGC	E-338, 418	
19743					S	JB3607	E-338, 418	
19744					S	36090B	E-338	
19745					DUCT	36090B*	E-337, 342	
19746					E	1CEC	E-335	
19747					A	1CEC	E-335	
19748					A	37593A	E-335	
19749					UU	37593A	E-349-1	
19750					T	37593A	E-349-1	
19751					T	JB3721	E-349-1	
19752					T	37600A	E-349-1	
19753			1CBE1226J	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19754					V	37604A	E-349-3	
19755					V	1CJL	E-349-3	
19756					U	1CJL	E-349-3	
19757					U	37035C	E-349-3	
19758					U	37035B*	E-339	
19758A					G	37035B*	E-339	
19758B					A	37035B*	E-339	
19758C					T	37035B*	E-339	
19759					T	37035A	E-349-1	
19760					T	EV1424	E-349-1	
19761					T	37496A	E-349-1	
19762					T	JB3721	E-349-1	
19763					T	37600A	E-349-1	
19764			1CCCW001A	MV5095 CONTROL CIRCUIT	S	36525B	E-338	
19765					S	36209A	E-338	
19766					S	1CGZ	E-338	
19767			1CCCW001B	MV5095 CONTROL CIRCUIT	T	37499A	E-349-1	
19768					T	37499C	E-349-1	
19769					T	JB3721	E-349-1	
19770					T	37590A	E-349-1	
19771					T	JB3715	E-349-1	
19772					T	36010C	E-349-1	
19773					T	36010B*	E-337, 339	
19773A					G	36010B*	E-337, 339	
19773B					A	36010B*	E-337, 339	
19773C					E	36010B*	E-337, 339	
19773D					II	36010B*	E-337, 339	
19773E					DUCT	36010B*	E-337, 339	
19774					S	36010A	E-338	
19775					S	1CGC	E-338	
19776					S	36525A	E-338	
19777					S	1CGZ	E-338	
19778			1CCCW001C	MV5095 CONTROL CIRCUIT	T	37499B	E-349-1	
19779					T	37499C	E-349-1	
19780					T	JB3721	E-349-1	
19781					T	37590A	E-349-1	
19782					T	JB3715	E-349-1	
19783					T	36010C	E-349-1	
19784					T	36010B*	E-337, 339	
19784A					G	36010B*	E-337, 339	
19784B					A	36010B*	E-337, 339	
19784C					E	36010B*	E-337, 339	
19784D					II	36010B*	E-337, 339	
19784E					DUCT	36010B*	E-337, 339	
19785					S	36010A	E-338	
19786					S	1CGC	E-338	
19787					S	36525A	E-338	
19788					S	1CGZ	E-338	
19789			1CLR3757A	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19790					V	37604A	E-349-3	
19791					U	37604A	E-349-3	
19792					U	1CJL	E-349-3	
19793					CC	1CJL	E-347	
19794					DD	1CJL	E-356-6	
19795					DD	1CPL	E-356-6	
19796					DD	57070E	E-356-6	
19797					EE	57070E	E-414	
19798					EE	57070C	E-414	
19799					EE	57070B	E-414	
19800			1CLR3757B	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19801					V	37604A	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19802	CCWS	CC5095	1CLR3757B	MV5095 CONTROL CIRCUIT	U	37604A	E-349-3	
19803					U	1CJL	E-349-3	
19804					CC	1CJL	E-347	
19805					DD	1CJL	E-356-6	
19806					DD	1CPL	E-356-6	
19807					DD	57070E	E-356-6	
19808					EE	57070E	E-414	
19809					EE	57070D	E-414	
19810			1PBE1226A	MV5095 POWER CIRCUIT	T	46088D	E-349-1	
19811					T	46088B	E-349-1	
19812					U	46088B	E-349-3	
19813					A	46088B	E-349-2	
19814					A	46088B	E-347, 349-2	
19815					DF	46088B	E-346, 347	
19816					X	46088B	E-346	
19817					Y	46088B	E-346	
19818			AC108	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19819			AC113	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19820			BE1226	MV5095 CIRCUIT BREAKER (CH. 1)	Y		E-346	
19821			C5720	MV5095 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
19822			CDE-12A-1	MV5095 DISCONNECT SWITCH (CH. 1)	Y		E-346	
19823			EV5095	MV5095 TERMINAL BOX (CH. 1)	T		E-349-1	
19824			FFIS1427C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	
19825			FFIS1432C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	
19826			FLSLL3757B	MV5095 LEVEL SWITCH	EE		E-414	
19827			FLSLL3757C	MV5095 LEVEL SWITCH	EE		E-414	
19828			MV5095	CC HDR LINE 1 IN ISO VLV (CH. 1)	T		E-349-1	
19829			MV5095	MV5095 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
19830			RC3607	MV5095 RELAY CABINET (CH. 1)	S		E-338	
19831			RC3704	MV5095 RELAY CABINET (CH. 1)	A		E-349-2	
19900		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	T	JB3722	E-349-1	
19901					T	37450B	E-349-1	
19902					U	37450B	E-349-3	
19903					T	37495E	E-349-1	
19904					A	37450B	E-349-2	
19905					A	37450B	E-349-2	
19906					A	2CEA	E-349-2	
19907					DD	2CEA	E-356-7	
19908					DD	2CLA	E-356-7	
19909					DD	2CPR	E-356-7	
19910					DD	2CKN	E-356-7	
19911					DF	2CKV	E-347	
19912					DF	47801A	E-347	
19913			2CBF1106C	MV5096 CONTROL CIRCUIT	T	37601D	E-349-1	
19914					T	37601B	E-349-1	
19915			2CBF1106D	MV5096 CONTROL CIRCUIT	T	Nipple	E-349-1	
19916			2CBF1106E	MV5096 CONTROL CIRCUIT	DF	47703A	E-347	
19917					DF	2CLB	E-347	
19918					DF	2CLA	E-347	
19919					DF	47323A	E-347	
19920			2CBF1106F	MV5096 CONTROL CIRCUIT	FF	5721A1	E-356-9	
19921					DD	5721A1	E-356-1	
19922					DD	2CFN	E-356-1	
19923					DD	2CFP	E-356-1	
19924					DD	2CLA	E-356-1	
19925					DF	2CLA	E-347	
19926					DF	47705A	E-347	
19927					DF	2CLB	E-347	
19928			2CBF1106G	MV5096 CONTROL CIRCUIT	Q	36725A	E-338	
19929					Q	2CGE	E-338	
19930					Q	36729A	E-338	
19931					X	36729A	E-346	
19932					X	2CKL	E-346	
19933					DF	2CKL	E-346	
19934					DF	47094A	E-346	
19935					DF	47323A	E-347	
19936					DF	2CLA	E-347	
19937			2CBF1106H	MV5096 CONTROL CIRCUIT	Q	36715C	E-338	
19938					Q	36725A	E-338	
19939					Q	2CGE	E-338	
19940			2CBF1106I	MV5096 CONTROL CIRCUIT	Q	36210A	E-338	
19941					Q	36192A	E-338, 418	
19942					Q	2CGE	E-338, 418	
19943					Q	JB3620	E-338, 418	
19944					Q	36192B	E-338	
19945					DUCT	36192B*	E-337, 342	
19946					F	2CEC	E-335	
19947					A	2CEB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
19948	CCWS	CC5096	2CBF1106I	MV5096 CONTROL CIRCUIT	A	2CEA	E-335	
19949					A	37450B	E-335	
19950					A	37450B	E-349-2	
19951					U	37450B	E-349-2	
19952					T	37450B	E-349-1	
19953					T	JB3722	E-349-1	
19954					T	37495E	E-349-1	
19955			2CBF1106J	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19956					A	37755A	E-349-2	
19957					A	37518A	E-349-2	
19958					A	2CEG	E-349-2	
19959					T	37450B	E-349-1	
19960					A	37450B	E-349-2	
19961					A	2CEA	E-349-2	
19962					A	37450B	E-349-2	
19963					U	37450B	E-349-3	
19964					T	JB3722	E-349-1	
19965					T	37495E	E-349-1	
19966			2CCCW002A	MV5096 CONTROL CIRCUIT	Q	36725B	E-338	
19967					Q	36210A	E-338	
19968					Q	2CGE	E-338	
19969			2CCCW002B	MV5096 CONTROL CIRCUIT	T	37498A	E-349-1	
19970					T	37498C	E-349-1	
19971					T	JB3722	E-349-1	
19972					T	37591A	E-349-1	
19973					T	JT3718	E-349-1	
19974					T	36110C	E-349-1	
19975					T	36110B*	E-337, 339	
19975A					G	36110B*	E-337, 339	
19975B					A	36110B*	E-337, 339	
19975C					II	36110B*	E-337, 339	
19975D					F	36110B*	E-337, 339	
19975E					DUCT	36110B*	E-337, 339	
19976					Q	36110A	E-338	
19977					Q	36725A	E-338	
19978					Q	2CGE	E-338	
19979			2CCCW002C	MV5096 CONTROL CIRCUIT	T	37498B	E-349-1	
19980					T	37498C	E-349-1	
19981					T	JB3722	E-349-1	
19982					T	37591A	E-349-1	
19983					T	JT3718	E-349-1	
19984					T	36110C	E-349-1	
19985					T	36110B*	E-337, 339	
19985A					G	36110B*	E-337, 339	
19985B					A	36110B*	E-337, 339	
19985C					II	36110B*	E-337, 339	
19985D					F	36110B*	E-337, 339	
19985E					DUCT	36110B*	E-337, 339	
19986					Q	36110A	E-338	
19987					Q	36725A	E-338	
19988					Q	2CGE	E-338	
19989			2CLR3758A	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19990					A	37755A	E-349-2	
19991					A	2CEG	E-349-2	
19992					DD	2CEG	E-356-7	
19993					DD	2CED	E-356-7	
19994					DD	2CKN	E-356-7	
19995					DD	2CPR	E-356-7	
19996					DD	2CKL	E-356-7, 356-1	
19997					DD	57071E	E-356-7, 356-1	
19998					EE	57071E	E-414	
19999					EE	57071C	E-414	
20000					EE	57071B	E-414	
20001			2CLR3758B	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
20002					A	37755A	E-349-2	
20003					A	2CEG	E-349-2	
20004					DD	2CEG	E-356-7	
20005					DD	2CED	E-356-7	
20006					DD	2CKN	E-356-7	
20007					DD	2CPR	E-356-7	
20008					DD	2CKL	E-356-7	
20009					DD	57071E	E-356-7	
20010					EE	57071E	E-414	
20011					EE	57071D	E-414	
20012			2PBF1106A	MV5096 POWER CIRCUIT	T	47342C	E-349-1	
20013					T	47342A	E-349-1	
20014					U	47342A	E-349-3	
20015					A	47342A	E-349-2	
20016					DF	47342A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20017	CCWS	CC5096	AD108	MV5096 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20018			AD113	MV5096 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20019			BF1106	MV5096 CIRCUIT BREAKER (CH. 2)	DF		E-347	
20020			CS720	MV5096 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20021			CDF-11A-2	MV5096 DISCONNECT SWITCH (CH. 2)	DF		E-347	
20022			EV5096	MV5096 TERMINAL BOX (CH. 2)	T		E-349-1	
20023			FFIS1422D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20024			FFIS1427D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20025			FLSLL3758B	MV5096 LEVEL SWITCH	EE		E-414	
20026			FLSLL3758C	MV5096 LEVEL SWITCH	EE		E-414	
20027			MV5096	CC HDR LINE 2 IN ISO VLV (CH. 2)	T		E-349-1	
20028			NV5096	MV5096 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
20029			RC3608	MV5096 RELAY CABINET (CH. 2)	Q		E-338	
20030			RC3705	MV5096 RELAY CABINET (CH. 2)	A		E-349-2	
20100		CC5097	1CBEL227B	MV5097 CONTROL CIRCUIT	Y	46538A	E-346	
20101					Y	1CKA	E-346	
20102					Y	36356A	E-346	
20103					S	36356A	E-338	
20104					S	1CGC	E-338	
20105					S	36090A	E-338, 418	
20106					S	JB3607	E-338, 418	
20107					S	36090B	E-338	
20108					DUCT	36090B*	E-337, 342	
20109					E	1CEC	E-335	
20110					A	1CEC	E-335	
20111					A	37593A	E-335	
20112					UU	37593A	E-349-1	
20113					T	37593A	E-349-1	
20114					T	JB3721	E-349-1	
20115					T	37600A	E-349-1	
20116			1CBEL227C	MV5097 CONTROL CIRCUIT	T	37600B	E-349-1	
20117					T	37600C	E-349-1	
20118			1CBEL227D	MV5097 CONTROL CIRCUIT	T	Nipple	E-349-1	
20119			1CBEL227E	MV5097 CONTROL CIRCUIT	Y	1CKA	E-346	
20120					Y	46538A	E-346	
20121					Y	46263A	E-346	
20125A					X	46053B*	E-343, 344, 355	
20125B					DF	46053B*	E-343, 344, 355	
20125C					A	46053B*	E-343, 344, 355	
20125D					DD	46053B*	E-343, 344, 355	
20122			1CBEL227F	MV5097 CONTROL CIRCUIT	Y	46263A	E-346	
20123					Y	1CKA	E-346	
20124					Y	1CKD	E-346	
20125					Y	46053B*	E-343, 344, 355	
20126					DD	46053A	E-356-1, 6	
20127					DD	1CPL	E-356-1, 6	
20128					DD	5720C2	E-356-9	
20129					FF	5720C2	E-356-9	
20130			1CBEL227G	MV5097 CONTROL CIRCUIT	Y	46539A	E-346	
20131					Y	1CKA	E-346	
20132					Y	36356A	E-346	
20133					S	36356A	E-338	
20134					S	1CGC	E-338	
20135					S	36525A	E-338	
20136					S	1CGZ	E-338	
20137			1CBEL227H	MV5097 CONTROL CIRCUIT	S	1CGZ	E-338	
20138					S	36525A	E-338	
20139					S	36515C	E-338	
20140			1CBEL227I	MV5097 CONTROL CIRCUIT	T	37600A	E-349-1	
20141					E	1CEC	E-335	
20142					T	37593A	E-349-1	
20143					UU	37593A	E-349-1	
20144					A	37593A	E-335	
20145					A	1CEC	E-335	
20146					T	JB3721	E-349-1	
20147					DUCT	36090B*	E-337, 342	
20148					S	36090B	E-338	
20149					S	JB3607	E-338, 418	
20150					S	36090A	E-338, 418	
20151					S	1CGC	E-338, 418	
20152					S	36209A	E-338	
20153					S	1CGZ	E-338	
20154			1CBEL227J	MV5097 CONTROL CIRCUIT	T	37035A	E-349-1	
20155					T	JB3721	E-349-1	
20156					T	37496A	E-349-1	
20157					T	EV1424	E-349-1	
20158					T	37600A	E-349-1	
20159					T	37035B*	E-339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20159A	CCWS	CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	A	37035B*	E-339	
20159B					G	37035B*	E-339	
20159C					U	37035B*	E-339	
20160					U	37035C	E-349-3	
20161					U	1CJL	E-349-3	
20162					V	1CJL	E-349-3	
20163					V	37604A	E-349-3	
20164					A	37604A	E-349-2	
20165			1CCCW001A	MV5097 CONTROL CIRCUIT	S	36209A	E-338	
20166					S	1CGZ	E-338	
20167					S	36525B	E-338	
20168			1CCCW001B	MV5097 CONTROL CIRCUIT	T	37590A	E-349-1	
20169					S	36525A	E-338	
20170					S	1CGZ	E-338	
20171					T	36010B*	E-337, 339	
20171A					G	36010B*	E-337, 339	
20171B					A	36010B*	E-337, 339	
20171C					E	36010B*	E-337, 339	
20171D					II	36010B*	E-337, 339	
20171E					DUCT	36010B*	E-337, 339	
20172					T	36010C	E-349-1	
20173					T	JB3715	E-349-1	
20174					S	36010A	E-338	
20175					S	1CGC	E-338	
20176					T	JB3721	E-349-1	
20177					T	37499C	E-349-1	
20178					T	37499A	E-349-1	
20179			1CCCW001C	MV5097 CONTROL CIRCUIT	S	36525A	E-338	
20180					S	1CGZ	E-338	
20181					S	1CGC	E-338	
20182					S	36010A	E-338	
20183					T	JB3721	E-349-1	
20184					T	36010C	E-349-1	
20185					T	JB3715	E-349-1	
20186					T	37590A	E-349-1	
20187					T	36010B*	E-337, 339	
20187A					G	36010B*	E-337, 339	
20187B					A	36010B*	E-337, 339	
20187C					E	36010B*	E-337, 339	
20187D					II	36010B*	E-337, 339	
20187E					DUCT	36010B*	E-337, 339	
20188					T	37499C	E-349-1	
20189					T	37499B	E-349-1	
20190			1CLR3757A	MV5097 CONTROL CIRCUIT	EE	57070B	E-414	
20191					EE	57070C	E-414	
20192					EE	57070E	E-414	
20193					DD	57070E	E-356-6	
20194					DD	1CPL	E-356-6	
20195					A	37604A	E-349-2	
20196					CC	1CJL	E-347	
20197					U	1CJL	E-349-3	
20198					V	1CJL	E-349-3	
20199					V	37604A	E-349-3	
20200					DD	1CJL	E-356-6	
20201			1CLR3757B	MV5097 CONTROL CIRCUIT	EE	57070D	E-414	
20202					EE	57070E	E-414	
20203					DD	57070E	E-356-6	
20204					DD	1CPL	E-356-6	
20205					DD	1CJL	E-356-6	
20206					CC	1CJL	E-347	
20207					U	1CJL	E-349-3	
20208					V	37604A	E-349-3	
20209					A	37604A	E-349-2	
20210			1PBE1227A	MV5097 POWER CIRCUIT	Y	46088B	E-346	
20211					X	46088B	E-346	
20212					DF	46088B	E-346, 347	
20213					A	46088B	E-347, 349-2	
20214					A	46088B	E-349-2	
20215					U	46088B	E-349-3	
20216					T	46088B	E-349-1	
20217					T	46088C	E-349-1	
20218			AC108	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20219			AC113	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20220			BE1227	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	Y		E-346	
20221			C5720	MV5097 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20222			CDE-12A-1	MV5097 DISCONNECT SWITCH (CH. 1)	Y		E-346	
20223			EV5095	MV5097 TERMINAL BOX (CH. 1)	T		E-349-1	
20224			FFIS1427C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	
20225			FFIS1432C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20226	CCWS	CC5097	FLSLL3757B	MV5097 LEVEL SWITCH	EE		E-414	
20227			FLSLL3757C	MV5097 LEVEL SWITCH	EE		E-414	
20228			MV5097	CC HDR LINE 1 RETURN ISO VLV (CH. 1)	T		E-349-1	
20229			NV5097	MV5097 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
20230			RC3607	MV5097 RELAY CABINET (CH. 1)	S		E-338	
20231			RC3704	MV5097 RELAY CABINET (CH. 1)	A		E-349-2	
20300		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	DF	47352A	E-347	
20301					DF	2CLA	E-347	
20302					DD	2CLA	E-356-7	
20303					DD	2CEA	E-356-7	
20304					A	2CEA	E-349-2	
20305					A	37450B	E-349-2	
20306					A	37450B	E-349-2	
20307					U	37450B	E-349-2	
20308					T	37450B	E-349-1	
20309					T	JB3722	E-349-1	
20310					T	37495E	E-349-1	
20311			2CBF1119C	MV5098 CONTROL CIRCUIT	T	37601B	E-349-1	
20312					T	37601C	E-349-1	
20313			2CBF1119D	MV5098 CONTROL CIRCUIT	T	Nipple	E-349-1	
20314			2CBF1119E	MV5098 CONTROL CIRCUIT	DF	47320A	E-347	
20315					DF	2CLA	E-347	
20316					DF	47705A	E-347	
20317					DF	2CLB	E-347	
20318			2CBF1119F	MV5098 CONTROL CIRCUIT	DF	2CLB	E-347	
20319					DF	47705A	E-347	
20320					DF	2CLA	E-347	
20321					DD	2CLA	E-356-7	
20322					DD	2CPP	E-356-7	
20323					DD	2CPN	E-356-7, 356-9	
20324					DD	5721A1	E-356-7, 356-9	
20325					FF	5721A1	E-356-9	
20326			2CBF1119G	MV5098 CONTROL CIRCUIT	DF	47323A	E-347	
20327					DF	2CLA	E-347	
20328					DF	2CKL	E-346	
20329					DF	47094A	E-346	
20330					X	36729A	E-346	
20331					X	2CKL	E-346	
20332					Q	36729A	E-338	
20333					Q	2CGE	E-338	
20334					Q	36725A	E-338	
20335			2CBF1119H	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20336					Q	2CGE	E-338	
20337					Q	36715C	E-338	
20338			2CBF1119I	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1	
20339					T	JB3722	E-349-1	
20340					T	37450B	E-349-1	
20341					F	2CEC	E-335	
20342					U	37450B	E-349-3	
20343					A	37450B	E-349-2	
20344					A	2CEA	E-349-2	
20345					A	2CEB	E-335	
20346					A	2CEC	E-335	
20347					A	37450B	E-349-2	
20348					DUCT	36192B*	E-337, 342	
20349					Q	36192B	E-338	
20350					Q	JB3620	E-338, 418	
20351					Q	36192A	E-338, 418	
20352					Q	2CGE	E-338, 418	
20353					Q	36210A	E-338	
20354			2CBF1119J	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1	
20355					T	JB3722	E-349-1	
20356					T	37450B	E-349-1	
20357					U	37450B	E-349-1	
20358					A	37450B	E-349-2	
20359					A	37450B	E-349-2	
20360					A	2CEA	E-349-2	
20361					A	2CEG	E-349-2	
20362					A	37518A	E-349-2	
20363					A	37755A	E-349-2	
20364					A	37755A	E-349-2	
20365			2CCCC002A	MV5098 CONTROL CIRCUIT	Q	36210A	E-338	
20366					Q	2CGE	E-338	
20367					Q	36725B	E-338	
20368			2CCCC002B	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20369					Q	2CGE	E-338	
20370					Q	36110A	E-338	
20371					DUCT	36110B*	E-337, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20371A	CCWS	CC5098	2CCCW002B	MV5098 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20371B					II	36110B*	E-337, 339	
20371C					A	36110B*	E-337, 339	
20371D					G	36110B*	E-337, 339	
20371E					T	36110B*	E-337, 339	
20372					T	36110C	E-349-1	
20373					T	JT3718	E-349-1	
20374					T	37591A	E-349-1	
20375					T	JB3722	E-349-1	
20376					T	37498C	E-349-1	
20377					T	37498A	E-349-1	
20378			2CCCW002C	MV5098 CONTROL CIRCUIT	T	JT3718	E-349-1	
20379					Q	36110A	E-338	
20380					DUCT	36110B*	E-337, 339	
20380A					F	36110B*	E-337, 339	
20380B					II	36110B*	E-337, 339	
20380C					A	36110B*	E-337, 339	
20380D					G	36110B*	E-337, 339	
20380E					T	36110B*	E-337, 339	
20381					T	36110C	E-349-1	
20382					Q	36725A	E-338	
20383					Q	2CGE	E-338	
20384					T	37591A	E-349-1	
20385					T	JB3722	E-349-1	
20386					T	37498C	E-349-1	
20387					T	37498B	E-349-1	
20388			2CLR3758A	MV5098 CONTROL CIRCUIT	EE	57071B	E-414	
20389					EE	57071C	E-414	
20390					DD	2CEG	E-356-7	
20391					EE	57071E	E-414	
20392					DD	2CPR	E-356-7	
20393					DD	2CKN	E-356-7	
20394					DD	2CED	E-356-7	
20395					DD	2CKL	E-356-7, 356-1	
20396					DD	57071E	E-356-7, 356-1	
20397					A	2CEG	E-349-2	
20398					A	37755A	E-349-2	
20399					A	37755A	E-349-2	
20400			2CLR3758B	MV5098 CONTROL CIRCUIT	EE	57071D	E-414	
20401					EE	57071E	E-414	
20402					DD	57071E	E-356-7	
20403					DD	2CKL	E-356-7	
20404					DD	2CPR	E-356-7	
20405					A	37755A	E-349-2	
20406					DD	2CED	E-356-7	
20407					DD	2CEG	E-356-7	
20408					A	2CEG	E-349-2	
20409					A	37755A	E-349-2	
20410					DD	2CKN	E-356-7	
20411			2PBF1119A	MV5098 POWER CIRCUIT	DF	47342A	E-347	
20412					A	47342A	E-349-2	
20413					U	47342A	E-349-3	
20414					T	47342A	E-349-1	
20415					T	47342B	E-349-1	
20416			AD108	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20417			AD113	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20418			BF1119	MV5098 CIRCUIT BREAKER (CH. 2)	DF		E-347	
20419			CS720	MV5098 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20420			CDF-11A-2	MV5098 DISCONNECT SWITCH (CH. 2)	DF		E-347	
20421			EV5096	MV5098 TERMINAL BOX (CH. 2)	T		E-349-1	
20422			FFIS1422D	MV5098 FLOW INDICATING SWITCH	T		E-349-1	
20423			FFIS1427D	MV5098 FLOW INDICATING SWITCH	T		E-349-1	
20424			FLSLL3758B	MV5098 LEVEL SWITCH	EE		E-414	
20425			FLSLL3758C	MV5098 LEVEL SWITCH	EE		E-414	
20426			MV5098	CC HDR LINE 2 RETURN ISO VLV (CH. 2)	T		E-349-1	
20427			NV5098	LOCAL CONTROLLER (CH. 2)	T		E-349-1	
20428			RC3608	MV5098 RELAY CABINET (CH. 2)	Q		E-338	
20429			RC3705	MV5098 RELAY CABINET (CH. 2)	A		E-349-2	
20450		E22-1	N/A	CCW HEAT EXCHANGER 1-1	T	MAN		
20455		E22-2	N/A	CCW HEAT EXCHANGER 1-2	T	MAN		
20460		E22-3	N/A	CCW HEAT EXCHANGER 1-3	T	MAN		
27303		FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	A	JB3735	E-349-2	
27304					A	37087B	E-349-2	
27305					A	2CEA	E-349-2	
27306					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27307	CCWS	FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	DD	2CLA	E-356-7	
27308					DD	2CFR	E-356-7	
27309					DD	2CKM	E-356-7	
27310					DF	2CKM	E-346, 347	
27311					X	2CKM	E-346	
27312					X	46805A	E-346	
27313			2CD2P23B	CONTROL POWER TO FIS1427D	T	37074D	E-349-1	
27314					T	37074C	E-349-1	
27315					T	37074B	E-349-1	
27350			2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27351					T	37087A	E-349-1	
27352					U	37087A	E-349-3	
27353					A	37087A	E-349-2	
27354					A	37087A	E-349-2	
27355					A	JB3735	E-349-2	
27298			2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27299					T	37074A	E-349-1	
27300					T	37074B	E-349-1	
27361A			FIS1422D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A
26825		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1	
26825A					T	JB3715	E-349-1	
26825B					T	37481A	E-349-1	
26825C					G	37481A	E-335	
26825D					A	37481A	E-335	
26825E					A	1CEA	E-335	
26825F					E	1CEA	E-335	
26825G					DUCT	36090B*	E-337, 342	
26825H					S	36090B	E-338	
26825I					S	JB3607	E-338, 418	
26825J					S	36090A	E-338, 418	
26825K					S	1CGC	E-338	
26825L					S	36356B	E-338	
26825M					Y	36356B	E-346	
26825N					Y	46615A	E-346	
26825O					Y	1CKA	E-346	
26825R			1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1	
26825S					T	37073D	E-349-1	
28825U			FIS1427C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A
27317F		FIS1427D	2CD2P23A	CONTROL POWER TO FIS1422D	A	37087B	E-349-2	
27317G					A	37087B	E-349-2	
27317H					A	2CEA	E-349-2	
27317I					DD	2CEA	E-356-7	
27317J					DD	2CLA	E-356-7	
27317K					DD	2CFR	E-356-7	
27317L					DD	2CKM	E-356-7	
27317M					DF	2CKM	E-346, 347	
27317N					X	2CKM	E-346	
27317O					X	46805A	E-346	
27317P			2CD2P23B	CONTROL POWER TO FIS1422D	T	37074D	E-349-1	
27317Q					T	37074C	E-349-1	
27317R					T	37074B	E-349-1	
27317U			2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27317V					T	37087A	E-349-1	
27317W					U	37087A	E-349-3	
27317X					A	37087A	E-349-2	
27317Y					A	37087A	E-349-2	
27317Z					A	JB3735	E-349-2	
27317A			2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27317B					T	37074A	E-349-1	
27317C					T	37074B	E-349-1	
27318			FIS1427D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A
26826		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1	
26826A					T	JB3715	E-349-1	
26826B					T	37481A	E-349-1	
26826C					G	37481A	E-335	
26826D					A	37481A	E-335	
26826E					A	1CEA	E-335	
26826F					E	1CEA	E-335	
26826G					DUCT	36090B*	E-337, 342	
26826H					S	36090B	E-338	
26826I					S	JB3607	E-338, 418	
26826J					S	36090A	E-338, 418	
26826K					S	1CGC	E-338	
26826L					S	36356B	E-338	
26826M					Y	36356B	E-346	
26826N					Y	46615A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
268260	CCWS	FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	Y	1CKA	E-346	
26826R			1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1	
26826S					T	37073D	E-349-1	
26826U			FIS1432C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A
20500		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20501					DD	1CP16A	E-356-8	
20502					DD	1CPL	E-356-6, 356-1	
20503					DD	27111C	E-356-6, 356-1	
20504					DD	27111B*	E-339, 344, 355	
20504A					II	27111B*	E-339, 344, 355	
20504B					CC	27111B*	E-339, 344, 355	
20504C					II	27111A*	E-333, 339	
20504D					UU	27111A*	E-333, 339	
20505					A	27111A*	E-333, 339	
20506					A	27111A	E-333	
20507					A	27111	E-335	
20508					A	1CEA	E-335	
20509					E	1CEA	E-335	
20510					DUCT	36080B*	E-337, 342	
20511					S	36080B	E-338	
20512					S	JB3607	E-338, 418	
20513					S	36080A	E-338, 418	
20514					S	1CGC	E-338, 418	
20515					S	36525A	E-338	
20516					S	1CGZ	E-338	
20517			1CAC113C	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20518					DD	1CP16A	E-356-8	
20519					DD	1CPL	E-356-1, 356-6	
20520					DD	27111C	E-356-1, 356-6	
20521					DD	27111B*	E-343, 344, 355	
20521A					II	27111B*	E-339, 344, 355	
20521B					CC	27111B*	E-339, 344, 355	
20521C					II	27111A*	E-333, 339	
20521D					UU	27111A*	E-333, 339	
20522					A	27111A*	E-333, 339	
20523					A	27111A	E-333	
20524					A	27111	E-335	
20525					A	1CEA	E-335	
20526					E	1CEA	E-335	
20527					DUCT	36080B*	E-337, 342	
20528					S	36080B	E-338	
20529					S	JB3607	E-338, 418	
20530					S	36080A	E-338, 418	
20531					S	1CGC	E-338, 418	
20532					S	36525A	E-338	
20533					S	1CGZ	E-338	
20545			1CAC113E	MP0431 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
20546					DD	1CP63C	E-356-8	
20547					DD	1CPL	E-356-6, 356-1	
20548					DD	27111C	E-356-6, 356-1	
20549					A	27111	E-335	
20549A					DD	27111B*	E-339, 344, 355	
20549B					II	27111B*	E-339, 344, 355	
20549C					CC	27111B*	E-339, 344, 355	
20549D					II	27111A*	E-333, 339	
20549E					UU	27111A*	E-333, 339	
20549F					A	27111A*	E-333, 339	
20550					A	1CEA	E-335	
20551					E	1CEA	E-335	
20552					DUCT	36080B*	E-337, 342	
20553					S	36080B	E-338	
20554					S	JB3607	E-338, 418	
20555					S	36080A	E-338, 418	
20556					S	1CGC	E-338, 418	
20557					S	36525A	E-338	
20558					S	1CGZ	E-338	
20559			1CAC113F	MP0431 CONTROL CIRCUIT	S	36515A	E-338	
20560					S	36525A	E-338	
20561					S	1CGZ	E-338	
20584			1CAC113M	MP0431 CONTROL CIRCUIT	S	36209A	E-338	
20585					S	36525A	E-338	
20586					S	1CGZ	E-338	
20587			1CAC113N	MP0431 CONTROL CIRCUIT	S	36501A	E-338	
20588					S	36525A	E-338	
20589					S	1CGZ	E-338	
20590			1CAC113O	MP0431 CONTROL CIRCUIT	K	36964A	E-338	
20591					K	36040C	E-338	
20592					K	1CGP	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20593	CCWS	P43-1	1CAC1130	MP0431 CONTROL CIRCUIT	K	JB3637	E-338	
20594					DUCT	36040B*	E-341, 337	
20595					S	36040A	E-337	
20596					S	1CGC	E-337	
20597					S	36525A	E-338	
20598					S	1CGZ	E-338	
20599			1CCCW001A	MP0431 CONTROL CIRCUIT	S	36525B	E-338	
20600					S	36209A	E-338	
20601					S	1CGZ	E-338	
20602			1CCCW001B	MP0431 CONTROL CIRCUIT	T	37499A	E-349-1	
20603					T	37499C	E-349-1	
20604					T	JB3721	E-349-1	
20605					T	37590A	E-349-1	
20606					T	JB3715	E-349-1	
20607					T	36010C	E-349-1	
20608					T	36010B*	E-337, 339	
20608A					G	36010B*	E-337, 339	
20608B					A	36010B*	E-337, 339	
20608C					E	36010B*	E-337, 339	
20608D					II	36010B*	E-337, 339	
20608E					DUCT	36010B*	E-337, 339	
20609					S	36010A	E-338	
20610					S	1CGC	E-338	
20611					S	36525A	E-338	
20612					S	1CGZ	E-338	
20613			1CCCW001C	MP0431 CONTROL CIRCUIT	T	37499B	E-349-1	
20614					T	37499C	E-349-1	
20615					T	JB3721	E-349-1	
20616					T	37590A	E-349-1	
20617					T	JB3715	E-349-1	
20618					T	36010C	E-349-1	
20619					T	36010B*	E-337, 339	
20619A					G	36010B*	E-337, 339	
20619B					A	36010B*	E-337, 339	
20619C					E	36010B*	E-337, 339	
20619D					II	36010B*	E-337, 339	
20619E					DUCT	36010B*	E-337, 339	
20620					S	36010A	E-338	
20621					S	1CGC	E-338	
20622					S	36525A	E-338	
20623					S	1CGZ	E-338	
20624			1PAC113A	MP0431 POWER CIRCUIT	S	36011A	E-337	
20625					T	36011A*	E-337, 339	
20625A					G	36011A*	E-337, 339	
20625B					A	36011A*	E-337, 339	
20625C					E	36011A*	E-337, 339	
20625D					II	36011A*	E-337, 339	
20625E					DUCT	36011A*	E-337, 339	
20626					T	36011A	E-339	
20627			AC101	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20628			AC108	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20629			AC113	MP0431 CIRCUIT BREAKER (CH. 1)	S		E-338	
20630			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
20631			C5716	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20632			C5763C	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20634			FFIS1427C	MP0431 FLOW INDICATING SWITCH	T		E-349-1	
20635			FFIS1432C	MP0431 FLOW INDICATING SWITCH	T		E-349-1	
20637			MP0431	COMPONENT COOLING WATER PUMP 1 (CH. 1)	T		E-349-1	
20639			RC3607	MP0431 RELAY CABINET (CH. 1)	S		E-338	
20700		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20701					DD	2CP16C	E-356-8	
20702					DD	2CPN	E-356-7	
20703					DD	2CPP	E-356-7	
20704					DD	2CEA	E-356-7	
20705					A	2CEA	E-335, 349-2	
20706					A	2CEB	E-335	
20707					A	2CEC	E-335	
20708					F	2CEC	E-335	
20709					DUCT	36186B*	E-337, 342	
20710					Q	36186B	E-338	
20711					Q	JB3620	E-338, 418	
20712					Q	36186A	E-338, 418	
20713					Q	36725A	E-338	
20714					Q	2CGE	E-338	
20715			2CAD113C	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20716					DD	2CP16C	E-356-8	
20717					DD	2CPN	E-356-7	
20718					DD	2CPP	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20719	CCWS	P43-2	2CAD113C	MP0432 CONTROL CIRCUIT	DD	2CEA	E-356-7	
20720					A	2CEA	E-335, 349-2	
20721					A	2CEB	E-335	
20722					A	2CEC	E-335	
20723					F	2CEC	E-335	
20724					DUCT	36186B*	E-337, 342	
20725					Q	36186B	E-338	
20726					Q	JB3620	E-338, 418	
20727					Q	36186A	E-338, 418	
20728					Q	36725A	E-338	
20729					Q	2CGE	E-338	
20736			2CAD113E	MP0432 CONTROL CIRCUIT	FF	2CP56C	E-424	
20737					DD	2CP56C	E-424	
20738					DD	2CPN	E-356-7	
20739					DD	2CPC	E-356-7	
20740					DD	2CEA	E-356-7	
20741					A	2CEA	E-335, 349-2	
20742					A	2CEB	E-335	
20743					A	2CEC	E-335	
20744					F	2CEC	E-335	
20745					DUCT	36186B*	E-337, 342	
20746					Q	36186B	E-338	
20747					Q	JB3620	E-338, 418	
20748					Q	36186A	E-338, 418	
20749					Q	36725A	E-338	
20750					Q	2CGE	E-338	
20751			2CAD113F	MP0432 CONTROL CIRCUIT	Q	36715A	E-338	
20752					Q	36725A	E-338	
20753					Q	2CGE	E-338	
20775			2CAD113M	MP0432 CONTROL CIRCUIT	Q	36210A	E-338	
20776					Q	36725A	E-338	
20777					Q	2CGE	E-338	
20778			2CAD113N	MP0432 CONTROL CIRCUIT	Q	36701A	E-338	
20779					Q	36725A	E-338	
20780					Q	2CGE	E-338	
20781			2CAD113O	MP0432 CONTROL CIRCUIT	J	36919B	E-338	
20782					J	2CGS	E-338	
20783					J	36170C	E-338	
20784					DUCT	36170B*	E-337	
20785					Q	36170A	E-338	
20786					Q	36725A	E-338	
20787					Q	2CGE	E-338	
20788			2CCCC002A	MP0432 CONTROL CIRCUIT	Q	36725B	E-338	
20789					Q	36210A	E-338	
20790					Q	2CGE	E-338	
20791			2CCCC002B	MP0432 CONTROL CIRCUIT	T	37498A	E-349-1	
20792					T	37498C	E-349-1	
20793					T	JB3722	E-349-1	
20794					T	37591A	E-349-1	
20795					T	JT3718	E-349-1	
20796					T	36110C	E-349-1	
20797					T	36110B*	E-337, 339	
20797A					G	36110B*	E-337, 339	
20797B					A	36110B*	E-337, 339	
20797C					II	36110B*	E-337, 339	
20797D					F	36110B*	E-337, 339	
20797E					DUCT	36110B*	E-337, 339	
20798					Q	36110A	E-338	
20799					Q	36725A	E-338	
20800					Q	2CGE	E-338	
20801			2CCCC002C	MP0432 CONTROL CIRCUIT	T	37498B	E-349-1	
20802					T	37498C	E-349-1	
20803					T	JB3722	E-349-1	
20804					T	37591A	E-349-1	
20805					T	JT3718	E-349-1	
20806					T	36110C	E-349-1	
20807					T	36110B*	E-337, 339	
20807A					G	36110B*	E-337, 339	
20807B					A	36110B*	E-337, 339	
20807C					II	36110B*	E-337, 339	
20807D					F	36110B*	E-337, 339	
20807E					DUCT	36110B*	E-337, 339	
20808					Q	36110A	E-338	
20809					Q	36725A	E-338	
20810					Q	2CGE	E-338	
20811			2PAD113A	MP0432 CONTROL CIRCUIT	Q	36111A	E-338	
20812					DUCT	36111A*	E-339, 337	
20812A					F	36111A*	E-337, 339	
20812B					II	36111A*	E-337, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20812C	CCWS	P43-2	2PAD113A	MP0432 CONTROL CIRCUIT	A	36111A*	E-337, 339	
20812D					G	36111A*	E-337, 339	
20812E					T	36111A*	E-337, 339	
20813					T	36111A	E-339	
20814			AD101	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20815			AD108	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20816			AD113	MP0432 CIRCUIT BREAKER (CH. 2)	Q		E-338	
20817			C3616	MP0432 ELBC CTRL & RLY BD (CH. 2)	J		E-338	
20818			C5716	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20819			C5756C	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20820			FFIS1422D	MP0432 FLOW INDICATING SWITCH	T		E-349-1	
20821			FFIS1427D	MP0432 FLOW INDICATING SWITCH	T		E-349-1	
20824			JT3718	MP0432 TERMINAL BOX (CH. 2)	T		E-349-1	
20825			MP0432	COMPONENT COOLING WATER PUMP 2 (CH. 2)	T		E-349-1	
20827			RC3608	MP0432 RELAY CABINET (CH. 2)	Q		E-338	
20900		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20901					DD	1CP16A	E-356-8	
20902					DD	1CPL	E-356-6, 356-1	
20903					DD	27111C	E-356-6, 356-1	
20904					DD	27111B*	E-339, 344, 356	
20904A					II	27111B*	E-339, 344, 356	
20904B					CC	27111B*	E-339, 344, 356	
20905					II	27111A*	E-333, 339	
20905A					UU	27111A*	E-333, 339	
20905B					A	27111A*	E-333, 339	
20906					A	27111A	E-333	
20907					A	27111	E-335	
20908					A	1CEA	E-335	
20909					E	1CEA	E-335	
20910					DUCT	36080B*	E-337, 342	
20911					S	36080B	E-338	
20912					S	JB3607	E-338, 418	
20913					S	36080A	E-338, 418	
20914					S	1CGC	E-338, 418	
20915					S	36515A	E-338	
20916					S	1CGZ	E-338	
20917			1CAC108C	MP0433 CONTROL CIRCUIT	DD	27111B*	E-339, 344, 356	
20917A					II	27111B*	E-339, 344, 356	
20917B					CC	27111B*	E-339, 344, 356	
20918					II	27111A*	E-333, 339	
20918A					UU	27111A*	E-333, 339	
20918B					A	27111A*	E-333, 339	
20919					A	27111A	E-333	
20920					FF	1CP16A	E-356-8	A
20921					DD	1CP16A	E-356-8	A
20922					DD	1CPL	E-356-6	A
20923					DD	27111C	E-356-6	A
20924					A	27111	E-335	A
20925					A	1CEA	E-335	A
20926					E	1CEA	E-335	A
20927					DUCT	36080B*	E-337, 342	A
20928					S	36080B	E-338	A
20929					S	JB3607	E-338, 418	A
20930					S	36080A	E-338, 418	A
20931					S	1CGC	E-338, 418	A
20932					S	36515A	E-337	A
20933					S	1CGZ	E-338	A
20934			1CAC108D	MP0433 CONTROL CIRCUIT	R	36310A	E-338	D
20935					S	36310A	E-338	D
20936					S	1CGC	E-338	D
20937					S	36515A	E-338	D
20938					S	1CGZ	E-338	D
20987			1CAC108H	MP0433 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
20988					DD	1CP63C	E-356-8	
20989					DD	1CPL	E-356-1, 356-6	
20990					DD	27111C	E-356-1, 356-6	
20991					DD	27111B*	E-339, 344, 356	
20991A					II	27111B*	E-339, 344, 356	
20991B					CC	27111B*	E-339, 344, 356	
20992					II	27111A*	E-333, 339	
20992A					UU	27111B*	E-333, 339	
20992B					A	27111B*	E-333, 339	
20993					A	27111A	E-333	
20994					A	27111	E-335	
20995					A	1CEA	E-335	
20996					E	1CEA	E-335	
20997					DUCT	36080B*	E-337, 342	
20998					S	36080B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
20999	CCWS	P43-3	1CAC108H	MP0433 CONTROL CIRCUIT	S	JB3607	E-338, 418	
21000					S	36080A	E-338, 418	
21001					S	1CGC	E-338, 418	
21002					S	36515B	E-338	
21003					S	1CGZ	E-338	
21004			1CAC108I	MP0433 CONTROL CIRCUIT	A	27111A	E-333	
21005					FF	1CP15A	E-356-8	
21006					DD	1CP15A	E-356-8	
21007					DD	1CPL	E-356-6, 356-1	
21008					DD	27111C	E-356-6, 356-1	
21009					DD	27111B*	E-339, 344, 356	
21009A					II	27111B*	E-344, 339, 356	
21009B					CC	27111B*	E-344, 339, 356	
21010					II	27111A*	E-333, 339	
21010A					UU	27111A*	E-333, 339	
21010B					A	27111A*	E-333, 339	
21011					A	27111	E-335	
21012					A	1CEA	E-335	
21013					E	1CEA	E-335	
21014					DUCT	36080B*	E-337, 342	
21015					S	36080B	E-338	
21016					S	JB3607	E-338, 418	
21017					S	36080A	E-338, 418	
21018					S	1CGC	E-338, 418	
21019					S	36515A	E-338	
21020					S	1CGZ	E-338	
21021			1CAC108J	MP0433 CONTROL CIRCUIT	K	36964A	E-338	
21022					K	36040C	E-338	
21023					K	1CGP	E-338	
21023A					K	JB3637	E-338	
21024					DUCT	36040B*	E-337	
21025					S	36040A	E-338	
21026					S	1CGC	E-338	
21027					S	36515C	E-338	
21028					S	1CGZ	E-338	
21029			1CAC108K	MP0433 CONTROL CIRCUIT	T	37499A	E-349-1	
21030					T	37499C	E-349-1	
21031					T	JB3721	E-349-1	
21032					T	37593A	E-349-1	
21033					UU	37593A	E-349-1	
21034					A	37593A	E-335	
21035					A	1CEC	E-335	
21036					E	1CEC	E-335	
21037					DUCT	36090B*	E-337, 342	
21038					S	36090B	E-338	
21039					S	JB3607	E-338, 418	
21040					S	36090A	E-338, 418	
21041					S	1CGC	E-338, 418	
21042					S	36515D	E-338	
21043					S	1CGZ	E-338	
21044			1CAC108L	MP0433 CONTROL CIRCUIT	S	36525A	E-338	
21045					S	36515C	E-338	
21046					S	1CGZ	E-338	
21047			1CAC108M	MP0433 CONTROL CIRCUIT	S	36501A	E-338	
21048					S	36515C	E-338	
21049					S	1CGZ	E-338	
21053			1CACD2B	MP0433 CONTROL CIRCUIT	S	36515A	E-338	
21054					S	1CGZ	E-338	
21055					S	36310A	E-338	
21056					S	1CGC	E-338	
21057					R	36310A	E-338	
21058			1CACD2C	MP0433 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
21059					DD	1CP15A	E-356-8	
21060					DD	1CPL	E-356-6, 356-1	
21061					DD	27111C	E-356-6, 356-1	
21062					DD	27111B*	E-339, 344, 355	
21062A					II	27111B*	E-339, 344, 355	
21062B					CC	27111B*	E-339, 344, 355	
21063					II	27111A*	E-333, 339	
21063A					UU	27111A*	E-333, 339	
21063B					A	27111A*	E-333, 339	
21064					A	27111A	E-333	
21065					A	27111	E-335	
21066					A	1CEA	E-335	
21067					E	1CEA	E-335	
21068					DUCT	36083B*	E-337, 342	
21069					S	36083B	E-338	
21070					S	JB3607	E-338, 418	
21071					S	36083A	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21071A	CCWS	P43-3	1CACD2C	MP0433 CONTROL CIRCUIT	S	1CGC	E-338	
21072					S	36515B	E-338	
21073					S	1CGZ	E-338	
21074			1CACD2F	MP0433 CONTROL CIRCUIT	S	36515D	E-338	
21075					S	1CGZ	E-338	
21076					S	36310A	E-338	
21077					S	1CGC	E-338	
21078					R	36310A	E-338	
20934A			1CACD2G	MP0433 CONTROL CIRCUIT	R	36310A	E-338	A
20935A					S	36310A	E-338	A
20936A					S	1CGC	E-338	A
20937A					S	36515A	E-338	A
20938A					S	1CGZ	E-338	A
21079			1PAC108A	MP0433 POWER TO ACD2 CIRCUIT	R	36307A	E-338	
21080					S	36307A	E-338	
21246A			1PD1P06A	CONTROL POWER TO TRANSFER SWGR-2 ACD2	R	46198C	E-338	
21246B					R	46198A	E-338	
21246C					S	46198A	E-338	
21246D					Y	46198A	E-346	
21081			2CACD3B	MP0433 CONTROL CIRCUIT	R	36411A	E-338	
21082					Q	36411A	E-338	
21083					Q	2CGE	E-338	
21084					Q	36715A	E-338	
21096			2CACD3C	MP0433 CONTROL CIRCUIT	A	2CEB	E-335	
21097					FF	2CP15C	E-356-8	
21098					DD	2CP15C	E-356-8	
21099					DD	2CPN	E-356-7	
21100					DD	2CPP	E-356-7	
21101					DD	2CEA	E-356-7	
21102					A	2CEA	E-335, 349-2	
21103					A	2CEC	E-335	
21104					F	2CEC	E-335	
21105					DUCT	36192B*	E-337, 342	
21106					Q	36192B	E-338	
21107					Q	JB3620	E-338, 418	
21108					Q	36192A	E-338, 418	
21109					Q	2CGE	E-338	
21110					Q	36715A	E-338	
21111			2CACD3F	MP0433 CONTROL CIRCUIT	Q	36715D	E-338	
21113					Q	2CGE	E-338	
21113A					Q	36411A	E-338	
21113B					R	36411A	E-338	
21144A			2CACD3G	MP0433 CONTROL CIRCUIT	R	36411A	E-338	A
21145A					Q	36411A	E-338	A
21146A					Q	36411A	E-338	A
21147A					Q	2CGE	E-338	A
21114			2CAD108B	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21115					DD	2CP16C	E-356-8	
21116					DD	2CPN	E-356-7	
21117					DD	2CPP	E-356-7	
21118					DD	2CEA	E-356-7	
21119					A	2CEA	E-335, 349-2	
21120					A	2CEB	E-335	
21121					A	2CEC	E-335	
21122					F	2CEC	E-335	
21123					DUCT	36186B*	E-337, 342	
21124					Q	36186B	E-338	
21125					Q	JB3620	E-338, 418	
21126					Q	36186A	E-338, 418	
21127					Q	36715A	E-338	
21128					Q	2CGE	E-338	
21129			2CAD108C	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21130					DD	2CP16C	E-356-8	
21131					DD	2CPN	E-356-7	
21132					DD	2CPP	E-356-7	
21133					DD	2CEA	E-356-7	
21134					A	2CEA	E-335, 349-2	
21135					A	2CEB	E-335	
21136					A	2CEC	E-335	
21137					F	2CEC	E-335	
21138					DUCT	36186B*	E-337, 342	
21139					Q	36186B	E-338	
21140					Q	JB3620	E-338, 418	
21141					Q	36186A	E-338, 418	
21142					Q	36715A	E-338	
21143					Q	2CGE	E-338	
21144			2CAD108D	MP0433 CONTROL CIRCUIT	R	36411A	E-338	14 D
21145					Q	36411A	E-338	14 D
21146					Q	36715A	E-338	14 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
21147	CCWS	P43-3	2CAD108D	MP0433 CONTROL CIRCUIT	Q	2CGE	E-338	14 D
21182			2CAD108H	MP0433 CONTROL CIRCUIT	A	2CEB	E-335	
21183					FF	2CP56C	E-424	
21184					DD	2CP56C	E-424	
21185					DD	2CPN	E-356-7	
21186					DD	2CPP	E-356-7	
21187					DD	2CEA	E-356-7	
21188					A	2CEA	E-335, 349-2	
21189					A	2CEC	E-335	
21190					F	2CEC	E-335	
21191					DUCT	36186B*	E-337, 342	
21192					Q	36186B	E-338	
21193					Q	JB3620	E-338, 418	
21194					Q	36186A	E-338, 418	
21195					Q	36715B	E-338	
21196					Q	2CGE	E-338	
21197			2CAD108I	MP0433 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
21198					DD	2CP15C	E-356-8	
21199					DD	2CPN	E-356-7	
21200					DD	2CPP	E-356-7	
21201					DD	2CEA	E-356-7	
21202					A	2CEA	E-335, 349-2	
21203					A	2CEB	E-335	
21204					A	2CEC	E-335	
21205					F	2CEC	E-335	
21206					DUCT	36186B*	E-337, 342	
21207					Q	36186B	E-338	
21208					Q	JB3620	E-338, 418	
21209					Q	36186A	E-338, 418	
21210					Q	36715B	E-338	
21211					Q	2CGE	E-338	
21212			2CAD108J	MP0433 CONTROL CIRCUIT	J	36170C	E-338	
21213					J	2CGS	E-338	
21214					J	36919B	E-338	
21215					DUCT	36170B*	E-337	
21216					Q	36170A	E-338	
21217					Q	36715C	E-338	
21218					Q	2CGE	E-338	
21220			2CAD108K	MP0433 CONTROL CIRCUIT	T	37498A	E-349-1	
21221					T	37498C	E-349-1	
21222					T	JB3722	E-349-1	
21223					T	37591B	E-349-1	
21224					T	JT3718	E-349-1	
21225					T	37480A	E-349-1	
21226					T	JB3716	E-349-1	
21227					T	36204C	E-349-1	
21228					T	36204B*	E-337, 339	
21228A					G	36204B*	E-337, 339	
21228B					A	36204B*	E-337, 339	
21228C					II	36204B*	E-337, 339	
21228D					F	36204B*	E-337, 339	
21228E					DUCT	36204B*	E-337, 339	
21228F					R	36204A (A)	E-337, 338	
21229					Q	JB3620	E-338	
21230					Q	36204A	E-338	
21231					Q	36715D	E-338	
21232					Q	2CGE	E-338	
21233			2CAD108L	MP0433 CONTROL CIRCUIT	Q	36725A	E-338	
21234					Q	36715C	E-338	
21235					Q	2CGE	E-338	
21236			2CAD108M	MP0433 CONTROL CIRCUIT	Q	36701A	E-338	
21237					Q	36715C	E-338	
21238					Q	2CGE	E-338	
21242			2PAD108A	MP0433 POWER TO ACD3 CIRCUIT	R	36407A	E-338	
21243					Q	36407A	E-338	
21246E			2PD2P06A	CONTROL POWER TO TRANSFER SWGR 3-ACD3	R	36342B	E-338	
21246F					R	36342A	E-338	
21246G					Q	36342A	E-338	
21246H					Q	JB3640	E-338	
21246I					Q	46823B	E-338	
21246J					X	46823B	E-346	
21244			3PACD1A	MP0433 POWER CIRCUIT	R	36203A	E-337, 338	
21245					DUCT	36203A*	E-337, 339	
21245A					F	36203A*	E-337, 339	
21245B					II	36203A*	E-337, 339	
21245C					A	36203A*	E-337, 339	
21245D					G	36203A*	E-337, 339	
21245E					T	36203A*	E-337, 339	
21246					T	36203A	E-339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
21247	CCWS	P43-3	AC101	MP0433 CIRCUIT BREAKER (INTLK)	S		E-338	
21248			AC108	MP0433 CIRCUIT BREAKER (CH. 1)	S		E-338	
21249			AC113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
21250			ACD1	MP0433 TRANSFER SWITCH (CH. 3)	R		E-338	
21251			ACD2	MP0433 TRANSFER SWITCH (CH. 1)	R		E-338	
21252			ACD3	MP0433 TRANSFER SWITCH (CH. 2)	R		E-338	
21253			AD101	MP0433 CIRCUIT BREAKER INTLK	Q		E-338	
21254			AD108	MP0433 CIRCUIT BREAKER (CH. 2)	Q		E-338	
21255			AD113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
21256			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
21257			C3616	MP0433 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
21258			C5715	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21259			C5716	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21260			C5756C	MP0433 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21261			C5763C	MP0433 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21262			FFIS1422D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1	
21263			FFIS1427C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1	
21264			FFIS1427D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1	
21265			FFIS1432C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1	
21268			MP0433	COMPONENT COOLING WATER PUMP 3	T		E-349-1	
21271			RC3607	MP0433 RELAY CABINET (CH. 1)	S		E-338	
21272			RC3608	MP0433 RELAY CABINET (CH. 2)	Q		E-338	
21290		T-12	N/A	CCW SURGE TANK	BE	MAN		
21300	CFS	CF01A	2CBF1120C	MVCF01A CONTROL CIRCUIT	DF	47314A	E-347	
21301					DF	2CLA	E-347	
21302			2CBF1120D	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	
21303					D	JB2905	E-373	
21304					D	29009C	E-374	
21305					D	29009B*	E-364	
21306					D	29009A	E-362	
21307					A	Exposed	E-378B-3	
21308			2CBF1120E	MVCF01A CONTROL CIRCUIT	DF	47701A	E-347	
21309					DF	47314A	E-347	
21310					DF	2CLA	E-347	
21311			2CBF1120F	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21312					DD	2CP16C	E-356-8	
21313					DD	2CPN	E-356-7	
21314					DD	2CPP	E-356-7	
21315					DD	2CLA	E-356-7	
21316					DF	2CLA	E-347	
21317					DF	47702A	E-347	
21318			2CBF1120G	MVCF01A CONTROL CIRCUIT	FF	2CP55C	E-424	
21319					DD	2CP55C	E-424	
21320					DD	2CPN	E-356-7	
21321					DD	2CPP	E-356-7	
21322					DD	2CLA	E-356-7	
21323					DF	2CLA	E-347	
21324					DF	47315A	E-347	
21325			2CVCF01AA	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347	
21326					DF	47315A	E-347	
21327					DF	2CLA	E-347	
21328			2CVCF01AB	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21329					DD	2CP16C	E-356-8	
21330					DD	2CPN	E-356-7	
21331					DD	2CPP	E-356-7	
21332					DD	2CLA	E-356-7	
21333					DF	2CLA	E-347	
21334					DF	47702A	E-347	
21335			2CVCF01AC	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347	
21336					DF	2CLA	E-347	
21337			2CVCF01AD	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	
21338					D	JB2905	E-373	
21339					D	29009C	E-373	
21340					D	29009B*	E-364	
21341					D	29009A	E-362	
21342					A	Exposed	E-378B-3	
21343			2PBF1120A	MVCF01A POWER CIRCUIT	DF	47310A	E-347	
21344			2PBF1120B	MVCF01A POWER CIRCUIT	D	29049A	E-373	
21345					D	JB2906	E-373	
21346					D	29008C	E-374	
21347					D	29008B*	E-364	
21348					D	29008A	E-362	
21349					A	Exposed	E-378B-3	
21350			BF1120	MVCF01A CIRCUIT BREAKER (CH. 2)	DF		E-347	
21351			C5716	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21352			C5755C	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21353			CDP-11A-1	MVCF01A DISCONNECT SWITCH (CH. 2)	DF		E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
21354	CFS	CF01A	MVCF01A	CORE FLOOD TK 2 INJ ISO VLV (CH. 2)	D		E-373	
21355			P2C5GI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21356			P2C5GX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
21357			P2P5FI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21358			P2P5FX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
21359			PSH7529A	MVCF01A PRESSURE SWITCH (CH. 2)	FF		E-353	
21400		CF01B	1CBEL162C	MVCF01B CONTROL CIRCUIT	AB	38076C	E-350	
21401					AB	1CJP	E-350	
21402					V	1CJP	E-350	
21403			1CBEL162D	MVCF01B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
21404					D	29043A	E-373	
21405					D	JB2903	E-373	
21406					D	29018C	E-374	
21407					D	29018B*	E-364	
21408					D	29018A	E-363	
21409			1CBEL162E	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21410					V	38381A	E-350	
21411					V	1CJM	E-350	
21412			1CBEL162F	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21413					DD	1CP16A	E-356-8	
21414					DD	1CPL	E-356-6	
21415					DD	1CJL	E-356-6	
21416					CC	1CJL	E-347	
21417					U	1CJL	E-349-3	
21418					V	1CJL	E-350	
21419					V	38562A	E-350	
21420			1CBEL162G	MVCF01B CONTROL CIRCUIT	FF	1CP63D	E-424	
21421					DD	1CP63D	E-424	
21422					DD	1CPL	E-356-6	
21423					DD	1CJM	E-356-6	
21424					CC	1CJM	E-347	
21425					U	1CJM	E-349-3	
21426					V	1CJM	E-350	
21427					V	1CJP	E-350	
21428			1CVCF01BA	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21429					V	38381A	E-350	
21430					V	1CJM	E-350	
21431			1CVCF01BB	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21432					DD	1CP16A	E-356-8	
21433					DD	1CPL	E-356-6	
21434					DD	1CJL	E-356-6	
21435					CC	1CJL	E-347	
21436					U	1CJL	E-349-3	
21437					V	38562B	E-350	
21438					V	1CJL	E-350	
21439			1CVCF01BC	MVCF01B CONTROL CIRCUIT	AB	38076C	E-350	
21440					AB	1CJP	E-350	
21441					V	1CJP	E-350	
21442					V	38564A	E-350	
21443					V	1CJM	E-350	
21444			1CVCF01BD	MVCF01B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
21445					D	29043A	E-373	
21446					D	JB2903	E-373	
21447					D	29018C	E-373	
21448					D	29018B*	E-364	
21449					D	29018A	E-363	
21450			1PBEL162A	CF01B POWER CIRCUIT	V	38010A	E-350	
21451					AB	JB3806	E-350	
21452					AB	1PJA	E-350	
21453					AB	38010A*	E-340	
21453A					DG	38010A*	E-340	
21453B					G	38010A*	E-340	
21453C					V	38010A*	E-340	
21454			1PBEL162B	MVCF01B POWER CIRCUIT	D	29045A	E-373	
21455					D	JB2904	E-373	
21456					D	29019C	E-374	
21457					D	29019B*	E-364	
21458					D	29019A	E-363	
21459					AB	Exposed	E-378B-3	
21460			BE1162	MVCF01B CIRCUIT BREAKER (CH. 1)	V		E-350	
21461			C5716	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21462			C5763D	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21463			CDE-11B-1	MVCF01B DISCONNECT SWITCH (CH. 1)	V		E-350	
21464			MVCF01B	CORE FLOOD TK 1 INJ ISO VLV (CH. 1)	D		E-373	
21465			P1C2LI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21466			P1C2LX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
21467			P1P2MI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21468			P1P2MX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
21469	CFS	CF01B	PSH7530A	MVCF01B PRESSURE SWITCH (CH. 1)	FF		E-353	
21500	CREVS	C21-1	1CBEL209B	MC0211 POWER CIRCUIT	HH	46103C	E-416	
21501					EE	46103B*	E-357, 358	
21501A					DH	46103B*	E-357, 358	
21502					II	46103A	E-413	
21503					Y	46103A	E-346	
21504					Y	1CKD	E-346	
21505					Y	46540A	E-346	
21506					Y	1CKA	E-346	
21507			1CBEL209C	MC0211 CONTROL CIRCUIT	FF	5720C1	E-356-9	
21508					DD	5720C1	E-356-9	
21509					DD	46055A	E-356-1, 356-6	
21510					DD	1CPL	E-356-1, 356-6	
21511					DD	46055B*	E-343, 344, 355	
21511A					A	46055B*	E-343, 344, 355	
21511B					DF	46055B*	E-343, 344, 355	
21511C					X	46055B*	E-343, 344, 355	
21511D					Y	46055B*	E-343, 344, 355	
21512					Y	1CKD	E-346	
21513					Y	46540A	E-346	
21514					Y	1CKA	E-346	
21515			1PBEL209A	MC0211 POWER CIRCUIT	HH	46102C	E-416	
21516					EE	46102B*	E-357, 358	
21516A					DH	46102B*	E-357, 358	
21517					II	46102A	E-413	
21518					Y	46102A	E-346	
21519			BE1209	MC0211 CIRCUIT BREAKER (CH. 1)	Y		E-346	
21520			CS720	MC0211 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21521			MC0211	CTRM EMER VENT SYS FAN 1-1 (CH. 1)	HH		E-416	
21522			NC0211	MC0211 LOCAL CONTROLLER (CH. 1)	HH		E-416	
21600		C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	HH	47051E	E-416	
21601					HH	47051D*	E-358	
21601A					DH	47051D*	E-358	
21601B					EE	47051D*	E-358	
21602					EE	47051D	E-414	
21603					EE	JB5750	E-414	
21604					EE	47051C	E-414	
21605					EE	47051B*	E-353	
21605A					DF	47051B*	E-353	
21606					DF	47051A	E-347	
21607			2CBF1149C	MC0212 CONTROL CIRCUIT	FF	5721A1	E-356-9	
21608					DD	5721A1	E-356-7, 356-1	
21609					DD	2CPN	E-356-7, 356-1	
21610					DD	2CPP	E-356-7	
21611					DD	2CLA	E-356-7	
21612					DF	47318A	E-347	
21613					DF	2CLA	E-347	
21614			2PBF1149A	MC0212 POWER CIRCUIT	HH	47050E	E-416	
21615					HH	47050D*	E-358	
21615A					DH	47050D*	E-358	
21615B					EE	47050D*	E-358	
21616					EE	47050D	E-414	
21617					EE	JB5750	E-414	
21618					EE	47050C	E-414	
21619					EE	47050B*	E-353	
21619A					DF	47050B*	E-353	
21620					DF	47050A	E-347	
21621			BF1149	MC0212 CIRCUIT BREAKER (CH. 2)	DF		E-347	
21622			CS720	MC0212 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21623			MC0212	CTRM EMER VENT SYS FAN 1-2 (CH. 2)	HH		E-416	
21624			NC0212	MC0212 LOCAL CONTROLLER (CH. 2)	HH		E-416	
21640		E106-1	N/A	CREVS COOLING COIL	HH	MAN		
21645		E106-2	N/A	CREVS COOLING COIL	HH	MAN		
21650		F22-1	N/A	CREVS FILTER BANK	HH	MAN		
21655		F22-2	N/A	CREVS FILTER BANK	HH	MAN		
21700		S33-1	1CBEL216B	MS3311 CONTROL CIRCUIT	HH	67131A	E-416	
21701					HH	EV2927	E-416	
21702					HH	46106C	E-416	
21703					DH	46106B*	E-357, 358	
21703A					EE	46106B*	E-357, 358	
21704					II	46106A	E-413	
21705					Y	46106A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
21706	CREVS	S33-1	1CBEL216B	MS3311 CONTROL CIRCUIT	Y	1CKD	E-346	
21707					Y	46540A	E-346	
21708					Y	1CKA	E-346	
21709			1CBEL216C	MS3311 CONTROL CIRCUIT	HH	67132A	E-416	
21710					HH	EV2927	E-416	
21711					HH	67131A	E-416	
21775A			1CBEL216E	MS33-1 CONTROL CIRCUIT	HH	67131A	E-416	
21775B					HH	EV2927	E-416	
21775C					HH	46106C	E-416	
21775D					HH	46106B*	E-357, 358	
21775E					DH	46106B*	E-357, 358	
21775F					EE	46106B*	E-357, 358	
21775G					Y	46106A	E-346	
21775H					Y	1CKD	E-346, 346-1	
21775I					Y	46060B	E-343	
21775J					X	46060B*	E-343, 344, 355	
21775K					DF	46060B*	E-343, 344, 355	
21775L					A	46060B*	E-343, 344, 355	
21775M					DD	46060B*	E-343, 344, 355	
21775N					DD	46060A	E-356-1	
21775P					DD	1CPM	E-356-6	
21775Q					DD	1CPT	E-356-6	
21775R					DD	1CPL	E-356-6	
21775S					DD	5720C2	E-356-9	
21775T					FF	5720C2	E-356-9	
21712			1CCEAC1C	MS3311 CONTROL CIRCUIT	HH	67002D	E-416	
21713					HH	JB6726	E-416	
21714					HH	67002E	E-416	
21715					HH	67002B*	E-355, 358	
21715A					DH	67002B*	E-355, 358	
21715B					FF	67002B*	E-355, 358	
21715C					DD	67002B*	E-355, 358	
21716					DD	67002C	E-356-6	
21717					DD	1CPM	E-356-6	
21718					DD	1CPL	E-356-1, 356-6	
21719					DD	27121A	E-356-1, 356-6	
21720					CC	27121A	E-347	
21721					UU	27121A	E-349-1	
21722					A	27121A	E-335	
21723					A	1CEB	E-335	
21724					E	1CEB	E-335	
21725					DUCT	36079B*	E-337, 342	
21726					S	36079B	E-338	
21727					S	JB3607	E-338, 418	
21728					S	36079A	E-338, 418	
21729					S	36356B	E-338	
21730					S	1CGC	E-338	
21731					Y	36356B	E-346	
21732					Y	46542A	E-346	
21733					Y	1CKA	E-346	
21734			1CCEAC1D	MS3311 CONTROL CIRCUIT	HH	67194A	E-416	
21735			1CCEAC1E	MS3311 CONTROL CIRCUIT	HH	67190B	E-416	
21736					HH	JB6724	E-416	
21737					HH	67190A	E-416	
21738			1CCEAC1F	MS3311 CONTROL CIRCUIT	HH	67190D	E-416	
21739					HH	JB6724	E-416	
21740					HH	67190A	E-416	
21741			1CCEAC1G	MS3311 CONTROL CIRCUIT	HH	67190C	E-416	
21742					HH	JB6724	E-416	
21743					HH	67190A	E-416	
21744			1CCEAC1H	MS3311 CONTROL CIRCUIT	HH	67191A	E-416	
21745			1CCEAC1J	MS3311 CONTROL CIRCUIT C6714 TO C6708	HH	67907A	E-416	
21747			1LPT5898A	MS3311 IND. CIRCUIT C6714 TO LPT5898	HH	67908A	E-416	
21749			1PBEL216A	MS3311 POWER CIRCUIT	HH	67128A	E-416	
21750					HH	46107C	E-416	
21751					DH	46107B*	E-375, 358	
21751A					EE	46107B*	E-357, 358	
21752					II	46107A	E-413	
21753					Y	46107A	E-346	
21754			BE1216	MS3311 CIRCUIT BREAKER (CH. 1)	Y		E-346	
21771			C5720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9	
21755			C6706	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21756			C6708	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21757			C6714	CREVS CH.1 CABINET-ROOM 603	HH		E-416	
21758			FTS5261	MS3311 TEMPERATURE SWITCH (CH. 1)	HH		E-416	
21759			MS3311	CTRM EMER A/C UNIT 1-1 (CH. 1)	HH		E-416	
21760			NS0611	MS3311 LOCAL CONTROLLER (CH. 1)	HH		E-416	
21761			PCS898	CREVS STBY COND 1 DAMPER CONTROL	HH		E-416	
21762			PSS900	CREVS CH.1 SWITCHOVER PRESS	HH		E-416	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21763	CREVS	S33-1	PSH5898	CREVS STBY COND 1 FAN START	HH		E-416	
21764			PSL5898	CREVS STBY COND 1 FAN STOP	HH		E-416	
21768			PT5898	CREVS CH.1 REFRIG HEAD PRESS	HH		E-416	
21769			PY5898	CREVS STBY COND 1 SIG CONV	HH		E-416	
21770			PY5898A	CREVS STBY COND 1 SIG CONV	HH		E-416	
21765			SV4823	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21766			SV4823A	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21767			SV4824	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21800		S33-2	2CBF1131B	MS3321 CONTROL CIRCUIT	HH	67126A	E-416	
21801					HH	EV2928	E-416	
21802					HH	47057E	E-416	
21803					DH	47057E	E-416	
21804					EE	47057E	E-414	
21805					EE	JB5750	E-414	
21806					EE	47057C	E-414	
21807					EE	47057B*	E-353	
21807A					DF	47057B*	E-353	
21808					DF	47057A	E-347	
21809			2CBF1131C	MS3321 CONTROL CIRCUIT	HH	67125A	E-416	
21810					HH	EV2928	E-416	
21811					HH	67126A	E-416	
21865A			2CBF1131E	MS33-2 CONTROL CIRCUIT	HH	67126A	E-416	
21865B					HH	EV2928	E-416	
21865C					HH	47057E	E-416	
21865D					DH	47057E	E-416	
21865E					EE	47057E	E-414	
21865F					EE	JB5750	E-414	
21865G					EE	57940B	E-414	
21865H					EE	EV5075	E-414	
21865I					EE	57940A	E-414	
21865J					DD	57940A	E-356-1	
21865K					DD	2CKN	E-356-1, 356-7	
21865L					DD	2CPN	E-356-1, 356-7	
21865M					DD	5721C7	E-356-1, 356-9	
21865N					FF	5721C7	E-356-1, 356-9	
21812			2CCEAC2C	MS3321 CONTROL CIRCUIT	HH	67199A	E-416	
21813					FF	67199A	E-416	
21815					DD	67199A	E-356-7	
21816					DD	2CKL	E-356-7	
21817					DD	2CPR	E-356-7	
21818					DD	2CKN	E-356-7	
21819					DF	2CKN	E-346, 347	
21820					X	2CKN	E-346	
21821					X	46739B	E-346	
21822			2CCEAC2D	MS3321 CONTROL CIRCUIT	HH	67197A	E-416	
21823			2CCEAC2E	MS3321 CONTROL CIRCUIT	HH	67195B	E-416	
21824					HH	JB6725	E-416	
21825					HH	67195A	E-416	
21826			2CCEAC2F	MS3321 CONTROL CIRCUIT	HH	67195D	E-416	
21827					HH	JB6725	E-416	
21828					HH	67195A	E-416	
21829			2CCEAC2G	MS3321 CONTROL CIRCUIT	HH	67195C	E-416	
21830					HH	JB6725	E-416	
21831					HH	67195A	E-416	
21832			2CCEAC2H	MS3321 CONTROL CIRCUIT	HH	67196A	E-416	
21833			2CCEAC2J	MS3321 CONTROL CIRCUIT C6715 TO C6709	HH	67920A	E-416	
21835			2LFT5899A	MS3321 IND. CIRCUIT C6715 TO LFT5899	HH	67905A	E-416	
21837			2PBF1131A	MS3321 POWER CIRCUIT	HH	47056G	E-416	
21838					HH	47056E	E-416	
21839					HH	47056D*	E-358	
21839A					DH	47056D*	E-358	
21839B					EE	47056D*	E-358	
21840					EE	47056D	E-414	
21841					EE	JB5750	E-414	
21842					EE	47056C	E-414	
21843					EE	47056B*	E-353	
21843A					DF	47056B*	E-353	
21844					DF	47056A	E-347	
21845			BF1131	MS3321 CIRCUIT BREAKER (CH. 2)	DF		E-347	
21862			CS720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9	
21846			C6707	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21847			C6709	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21848			C6715	CREVS CH.2 CABINET-ROOM 603	HH		E-416	
21849			FTS5262	MS3321 TEMPERATURE SWITCH (CH. 2)	HH		E-416	
21850			MS3321	CTRM EMER A/C UNIT 1-2 (CH. 2)	HH		E-416	
21851			NS0612	MS3321 LOCAL CONTROLLER (CH. 2)	HH		E-416	
21852			PCS899	CREVS STBY COND 2 DAMPER CONTROL	HH		E-416	
21853			PSS901	CREVS CH.2 SWITCHOVER PRESS	HH		E-416	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
21854	CREVS	S33-2	PSH5899	CREVS STBY COND 2 FAN START	HH		E-416		
21855			PSL5899	CREVS STBY COND 2 FAN STOP	HH		E-416		
21856			PT5899	CREVS CH.2 REFRIG HEAD PRESS	HH		E-416		
21857			PY5899	CREVS STBY COND 2 SIG CONV	HH		E-416		
21858			PY5899A	CREVS STBY COND 2 SIG CONV	HH		E-416		
21859			SV4827	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416		
21860			SV4827A	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416		
21861			SV4828	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416		
21869	SV4823A	1CCEAC1G	SV4823A	CONTROL CIRCUIT	HH	67190A	E-416		
21869A			HH	JB6724	E-416				
21869B			HH	67190C	E-416				
21869C			HH		E-416				
21870	SV4827A	2CCEAC2G	SV4827A	CONTROL CIRCUIT	HH	67195A	E-416		
21870A			HH	JB6725	E-416				
21870B			HH	67195C	E-416				
21870C			HH		E-416				
21900	CSS	CS1530	1CBE1156B	MV1530	CONTROL CIRCUIT	AB	38013B	E-350	
21901				V	JB3805	E-350			
21902				V	1CJQ	E-350			
21903				AB	38401A	E-350			
21904				V	38558A	E-350			
21905				V	1CJM	E-350			
21907				V	38350A	E-350			
21908				V	JB3805	E-350			
21909				V	1CJQ	E-350			
21910				AB	Nipple	E-350			
21911				AB	28550A	E-335			
21912				G	28550A	E-336			
21914				G	1CPF	E-336			
21915				V	1CPF	E-350			
21916				V	1CJM	E-350			
21917				V	38401B	E-350			
21918				AB	38401B	E-350			
21919				AB	27251A	E-335			
21920				FF	1CP63C	E-424			
21921				DD	1CP63C	E-424			
21922				DD	1CPL	E-356-6			
21923				DD	1CJM	E-356-6			
21924				CC	1CJM	E-347			
21925				U	1CJM	E-349-3			
21926				V	1CJM	E-350, 349-3			
21927				V	38350A	E-350, 349-3			
21928				V	JB3805	E-350			
21929				V	1CJQ	E-350			
21930				V	38558A	E-350			
21931				V	1CJM	E-350			
21933				V	38350A	E-350			
21934				V	JB3805	E-350			
21935				V	1CJQ	E-350			
21936	FF	1CP16A	E-356-8						
21937	DD	1CP16A	E-356-8						
21938	DD	1CPL	E-356-6						
21939	DD	1CJL	E-356-6						
21940	CC	1CJL	E-347						
21941	U	1CJL	E-349-3						
21942	V	1CJL	E-350, 349-3						
21943	V	38556A	E-350, 349-3						
21944	AB	38014B	E-350						
21945	V	JB3805	E-350						
21946	V	1CJQ	E-350						
21947	V		E-350						
21948	PF		E-353						
21949	PF		E-353						
21950	V		E-350						
21951	AB		E-350						
21952	AB		E-335						
21953	AB		E-350						
21954	AB		E-350						
22000	CS1531	2CBF1147B	MV1531	CONTROL CIRCUIT	A	48030B	E-349-2		
22001			A	48030A	E-349-2				
22002			A	48030A*	E-344, 345				
22002A			CC	48030A*	E-344, 345				
22002B			V	48030A*	E-344, 345				
22003			A	37201A	E-349-2				
22004			V	48049A	E-348				
22004			V		E-348				
22004		2CBF1147C	MV1531	CONTROL CIRCUIT	A				
22004		2CBF1147D	MV1531	CONTROL CIRCUIT	V				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22005	CSS	CS1531	2CBF1147E	MV1531 CONTROL CIRCUIT	A	Nipple	E-349-2	
22006			2CBF1147F	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27442B	E-335	
22008					A	27438A	E-335, 418	10 D
22008A					AB	27442B	E-335	10 D
22008B					A	27442B	E-335	10 D
22009					A	2CEH	E-335, 418	
22010					A	2CEH	E-335	
22011					A	37518A	E-349-2	
22012					A	2CRG	E-349-2	
22013					A	2CEA	E-349-2	
22014					A	37472E	E-349-2	
22015					A	37472E	E-349-2	
22016			2CBF1147G	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27252A	E-335	
22017			2CBF1147H	MV1531 CONTROL CIRCUIT	FF	2CP56C	E-424	
22018					DD	2CP56C	E-424	
22019					DD	2CPN	E-356-7	
22020					DD	2CKL	E-356-1, 356-7	
22021					DD	48051A	E-356-1, 356-7	
22022					V	48051A	E-356-1	
22023			2CBF1147I	MV1531 CONTROL CIRCUIT	V	48049A	E-348	
22024			2CBF1147J	MV1531 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22025					DD	2CP16C	E-356-8	
22026					DD	2CPN	E-356-7	
22027					DD	2CKL	E-356-1, 356-7	
22028					DD	48053A	E-356-1, 356-7	
22029					V	48053A	E-356-1	
22030			2PBF1147A	MV1531 POWER CIRCUIT	V	48029A	E-345	
22031					A	48029B	E-349-2	
22032					A	48029A	E-349-2	
22033					A	48029A*	E-344, 345	
22033A					CC	48029A*	E-344, 345	
22033B					V	48029A*	E-344, 345	
22034			BF1147	MV1531 CIRCUIT BREAKER (CH. 2)	V		E-348	
22035			CS716	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22036			CS756C	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22037			CDP-11B	MV1531 DISCONNECT SWITCH (CH. 2)	V		E-348	
22038			EV1531	MV1531 TERMINAL BOX (CH. 2)	A		E-349-2	
22039			EVDH09A	MV1531 TERMINAL BOX (CH. 2)	AB		E-335	
22040			MV1531	CTMT SPRAY DISCH ISO VLV (CH. 2)	A		E-349-2	
22041			NV1531	MV1531 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
22100		P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22101					DD	1CP16A	E-356-8	
22102					DD	46055A	E-356-1	
22103					DD	1CPL	E-356-1	
22104					DD	46055B*	E-343, 344, 355	
22104A					A	46055B*	E-343, 344, 355	
22104B					DF	46055B*	E-343, 344, 355	
22104C					X	46055B*	E-343, 344, 355	
22104D					Y	46055B*	E-343, 344, 355	
22105					Y	46628A	E-346	
22106					Y	1CKD	E-346	
22107			1CBE111C	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22108					DD	1CP16A	E-356-8	
22109					DD	46055A	E-356-1, 356-6	
22110					DD	1CPL	E-356-1, 356-6	
22111					DD	46055B*	E-343, 344, 355	
22111A					A	46055B*	E-343, 344, 355	
22111B					DF	46055B*	E-343, 344, 355	
22111C					X	46055B*	E-343, 344, 355	
22111D					Y	46055B*	E-343, 344, 355	
22112					Y	46628A	E-346	
22113					Y	1CKD	E-346	
22114			1CBE111D	MP0561 CONTROL CIRCUIT	AB	46014F	E-412	
22115					AB	JB1804	E-412	
22116					AB	46014E	E-412	
22117					AB	46014D*	E-330, 331	
22117A					A	46014D*	E-330, 331	
22118					A	46014C	E-332	
22119					DUCT	46014B*	E-337	
22120					Y	46014A	E-346	
22121			1CBE111E	MC0561 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
22122					DD	1CP62C	E-356-10	
22123					DD	46055A	E-356-1	
22124					DD	1CPL	E-356-1	
22125					DD	46055B*	E-343, 344, 355	
22125A					A	46055B*	E-343, 344, 355	
22125B					DF	46055B*	E-343, 344, 355	
22125C					X	46055B*	E-343, 344, 355	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
22125D	CSS	P56-1	1CBE111E	MC0561 CONTROL CIRCUIT	Y	46055B*	E-343, 344, 355			
22126					Y	46628A	E-346			
22127					Y	1CKD	E-346			
22128					1CBE111F	MP0561 CONTROL CIRCUIT	AB	38401B	E-350	
22129							V	38401B	E-350	
22130			V	1CJM			E-350			
22131			V	1CFF			E-350			
22132			G	1CFF			E-336			
22133			G	46014H	E-336					
22134			AB	46014H	E-412					
22135			AB	JB1804	E-412					
22136			AB	46014E	E-412					
22137			AB	46014D*	E-330, 331					
22137A			A	46014D*	E-330, 331					
22138			A	46014C	E-332					
22139		DUCT	46014B*	E-337						
22140		Y	46014A	E-346						
22141		AB	38401A	E-350						
22142		AB	46013D	E-412						
22143		AB	46013D*	E-330						
22143A		A	46013D*	E-330						
22144		A	46013C	E-332						
22145		DUCT	46013B*	E-337						
22146		Y	46013A	E-346						
22147		CS716	MP0561 CONTROL ROOM PANEL	FF		E-353				
22148		CS762C	MP0561 CONTROL ROOM PANEL	FF		E-353				
22149		EV1530	MP0561 TERMINAL BOX	AB		E-412				
22150		MP0561	CTMT SPRAY PUMP 1	AB		E-412				
22151		NP0561	MP0561 LOCAL CONTROLLER	AB		E-412				
22200		P56-2	2CBF111B	MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22201	DD				2CP16C	E-356-8				
22202	DD				2CPN	E-356-7				
22203	DD				2CKL	E-356-7				
22204	DF				2CKL	E-347				
22205	X				2CKL	E-346				
22206	X				46716A	E-346				
22207	2CBF111C				MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8		
22208						DD	2CP16C	E-356-8		
22209						DD	2CPN	E-356-7		
22210						DD	2CKL	E-356-7		
22211						DF	2CKL	E-347		
22212	X				2CKL	E-346				
22213	X				46716A	E-346				
22214	2CBF111D				MP0562 CONTROL CIRCUIT	A	46114F	E-332		
22215			A	46114E		E-332				
22216			A	46114D*		E-330				
22217			A	46114C		E-332				
22218			DUCT	46114B*		E-337, 342				
22219	X		46114A	E-346						
22220	2CBF111E		MP0562 CONTROL CIRCUIT	FF	2CP55C	E-423				
22221				DD	2CP55C	E-423				
22222				DD	2CPN	E-356-7				
22223				DD	2CKL	E-356-7				
22224				DF	2CKL	E-347				
22225	X		2CKL	E-346						
22226	X		46716A	E-346						
22227	2CBF111F		MP0562 CONTROL CIRCUIT	A	37472E	E-349-2				
22228				A	2CEA	E-347, 349-2				
22229				DD	2CEA	E-356-7				
22230				DD	2CPP	E-356-7				
22231				DD	2CPN	E-356-7				
22232	DD		2CKL	E-356-7						
22233	DF		2CKL	E-347						
22234	X		2CKL	E-346						
22235	X		46716A	E-346						
22236	2CBF111G		MP0562 CONTROL CIRCUIT	A	37201A	E-349-2				
22237				A	46113E	E-332				
22238				A	46113D*	E-330				
22239				A	46113C	E-332				
22240				DUCT	46113B*	E-337, 342				
22241	X		46113A	E-346						
22241A	2PBF111J		MP0562 POWER CIRCUIT	A	46113E	E-332				
22242				CS716	MP0562 CONTROL ROOM PANEL	FF		E-353		
22243				CS755C	MP0562 CONTROL ROOM PANEL	FF		E-353		
22244		EV1531		MP0562 TERMINAL BOX	A		E-332			
22245		MP0562		CTMT SPRAY PUMP 2	A		E-332			
22246		NP0562		MP0562 LOCAL CONTROLLER	A		E-332			
22300		DHRS		DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27428A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
22301	DHRS	DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27435A	E-335	
22302					A	2CEH	E-335	
22303			2CBF1136C	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22304			2CBF1136D	MVDH01A CONTROL CIRCUIT	A	Nipple	E-335	
22305			2CBF1136E	MVDH01A CONTROL CIRCUIT	A	27707A	E-335	
22306					A	27436A	E-335	
22307					A	2CEH	E-335	
22308			2CBF1136F	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22309					DD	2CP16C	E-356-8	
22310					DD	2CPN	E-356-7	
22311					DD	2CED	E-356-7	
22312					A	2CED	E-335, 349-2	
22313					A	2CEG	E-335	
22314					A	27704A	E-335	
22315					A	2CEH	E-335	
22316			2CBF1136H	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22317			2CBF1136J	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22318					DD	2CP16C	E-356-8	
22319					DD	2CPN	E-356-7	
22320					DD	2CEA	E-356-7	
22321					A	2CEA	E-335, 349-2	
22322					A	27718A	E-335, 349-2	
22323					A	27718A	E-335	
22324			2PBF1136A	MVDH01A POWER CIRCUIT	A	27427A	E-335	
22325			BF1136	MVDH01A CIRCUIT BREAKER (CH. 2)	A		E-335	
22326			C5716	MVDH01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22327			CDP-11C	MVDH01A DISCONNECT SWITCH (CH. 2)	A		E-335	
22328			EVDH01A	MVDH01A TERMINAL BOX (CH. 2)	A		E-335	
22329			MVDH01A	LPI LINE #2 VALVE (CH. 2)	A		E-335	
22330			NVDH01A	MVDH01A LOCAL CONTROLLER (CH. 2)	A		E-335	
22400		DH01B	1CBE1106B	MVDH01B CONTROL CIRCUIT	AB	28033B	E-336	
22401					AB	28033A*	E-334	
22401A					B	28033A*	E-334	
22401B					G	28033A*	E-334	
22402			1CBE1106C	MVDH01B CONTROL CIRCUIT	AB	28203A	E-336	
22403			1CBE1106D	MVDH01B CONTROL CIRCUIT	AB	Nipple	E-336	
22404			1CBE1106E	MVDH01B CONTROL CIRCUIT	V	38552A	E-350	
22405					V	1CJM	E-350	
22406					G	28335A	E-336	
22407					G	1CFF	E-336	
22408			1CBE1106F	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22409					DD	1CP16A	E-356-8	
22410					DD	1CPL	E-356-6	
22411					DD	1CJL	E-356-6	
22412					CC	1CJL	E-347	
22413					U	1CJL	E-349-3	
22414					V	1CJL	E-350	
22415					V	38550A	E-350	
22416			1CBE1106H	MVDH01B CONTROL CIRCUIT	AB	28203A	E-336	
22417			1CBE1106I	MVDH01B CONTROL CIRCUIT	V	38559A	E-350	
22418					V	38550A	E-350	
22419					V	1CJL	E-350	
22420			1CBE1106J	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22421					DD	1CP16A	E-356-8	
22422					DD	1CPL	E-356-6	
22423					DD	1CJM	E-356-6	
22424					CC	1CJM	E-347	
22425					U	1CJM	E-349-3	
22426					V	1CJM	E-350	
22427					V	38551A	E-350	
22428			1PBE1106A	MVDH01B POWER CIRCUIT	G	28034A	E-336	
22429					AB	28034B	E-336	
22430					AB	28034A*	E-334	
22430A					B	28034A*	E-334	
22430B					G	28034A*	E-334	
22431			BE1106	MVDH01B CIRCUIT BREAKER (CH. 1)	G		E-336	
22432			C5716	MVDH01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22433			CDE-11A	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22434			CDE-11B-2	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22435			EVDH01B	MVDH01B TERMINAL BOX (CH. 1)	AB		E-336	
22436			MVDH01B	LPI LINE #1 VALVE (CH. 1)	AB		E-336	
22437			NVDH01B	MVDH01B LOCAL CONTROLLER (CH. 1)	AB		E-336	
22500		DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22501					V	48036B*	E-340	
22502					V	48036A*	E-340, 345	
22503			2CBF1148C	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22504					V	48036B*	E-340	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22505	DHRS	DH07A	2CBF1148C	MVDH07A CONTROL CIRCUIT	V	48036A*	E-340, 345	
22506			2CBF1148D	MVDH07A CONTROL CIRCUIT	AC	20301A	E-319	
22507			2CBF1148E	MVDH07A CONTROL CIRCUIT	AC	Nipple	E-319	
22508			2CBF1148F	MVDH07A CONTROL CIRCUIT	FF	2CP55D	E-424	
22509					DD	2CP55D	E-424	
22510					DD	2CPN	E-356-7	
22511					DD	2CKL	E-356-7	
22512					DD	48050A	E-356-7	
22513					V	48050A	E-348	
22514			2CBF1148G	MVDH07A CONTROL CIRCUIT	FF	2CP56C	E-424	
22515					DD	2CP56C	E-424	
22516					DD	2CPN	E-356-7	
22517					DD	2CKL	E-356-7	
22518					DD	48050A	E-356-7	
22519					V	48050A	E-348	
22520			2CBF1148H	MVDH07A CONTROL CIRCUIT	V	48054A	E-348	
22521			2CBF1148I	MVDH07A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22522					DD	2CP16C	E-356-8	
22523					DD	2CPN	E-356-7	
22524					DD	2CKL	E-356-7	
22525					DD	48053A	E-356-7	
22526					V	48053A	E-348	
22527			2CBF1148J	MVDH07A CONTROL CIRCUIT	AB	27670A	E-336	
22528					AB	27670C	E-336	
22529					G	27670C	E-336	
22530					B	27670C	E-336	
22531					AC	27670C	E-319	
22532					AC	27670E	E-319	
22533			2PBF1148A	MVDH07A POWER CIRCUIT	V	48035A	E-345	
22534					AC	48035C	E-319	
22535					V	48035B*	E-340	
22536					V	48035A*	E-340, 345	
22537			BF1148	MVDH07A CIRCUIT BREAKER (CH. 2)	V		E-348	
22538			C5716	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22538Z			C5755C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22539			C5755D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22540			C5756C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22540A			C5756D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22541			CDF-11B	MVDH07A DISCONNECT SWITCH (CH. 2)	V		E-350	
22542			EVDH07A	MVDH07A TERMINAL BOX (CH. 2)	AC		E-319	
22543			MVDH07A	BWST ISOLATION VALVE A (CH. 2)	AC		E-319	
22544			NVDH07A	MVDH07A LOCAL CONTROLLER (CH. 2)	AC		E-319	
22600		DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22601					B	28500A	E-336	
22602					G	28500A	E-336	
22603			1CBE1157C	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22604					B	28500A	E-336	
22605					G	28500A	E-336	
22606			1CBE1157D	MVDH07B CONTROL CIRCUIT	AC	20300A	E-319	
22607			1CBE1157E	MVDH07B CONTROL CIRCUIT	AC	Nipple	E-319	
22608			1CBE1157F	MVDH07B CONTROL CIRCUIT	FF	1CP62D	E-356-10	
22609					DD	1CP62D	E-356-10	
22610					DD	1CPL	E-356-6	
22611					DD	1CJM	E-356-6	
22612					CC	1CJM	E-347	
22613					U	1CJM	E-349-3	
22614					V	1CJM	E-350	
22615					V	1CFF	E-350	
22616					G	1CFF	E-336	
22617					G	28331A	E-336	
22618			1CBE1157G	MVDH07B CONTROL CIRCUIT	FF	1CP63D	E-424	
22619					DD	1CP63D	E-424	
22620					DD	1CPL	E-356-6	
22621					DD	1CJM	E-356-6	
22622					CC	1CJM	E-347	
22623					U	1CJM	E-349-3	
22624					V	1CJM	E-350	
22625					V	1CFF	E-350	
22626					G	1CFF	E-336	
22627					G	28331A	E-336	
22628			1CBE1157H	MVDH07B CONTROL CIRCUIT	V	38551A	E-350	
22629					V	1CJM	E-350	
22630					V	1CFF	E-350	
22631					G	1CFF	E-336	
22632					G	28331A	E-336	
22633			1CBE1157I	MVDH07B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22634					DD	1CP16A	E-356-8	
22635					DD	1CPL	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
22636	DHRS	DH07B	1CBEL157I	MVDH07B CONTROL CIRCUIT	DD	1CJL	E-356-6	
22637					CC	1CJL	E-347	
22638					U	1CJL	E-349-3	
22639					V	1CJL	E-350	
22640					V	38550A	E-350	
22641			1CBEL157J	MVDH07B CONTROL CIRCUIT	AB	27671A	E-335	
22642					AB	27671C	E-335	
22643					G	27671C	E-336	
22644					B	27671C	E-336	
22645					AC	27671C	E-319	
22646					AC	27671E	E-319	
22647			1PBE1157A	MVDH07B POWER CIRCUIT	AC	28501A	E-319	
22648					B	28501A	E-336	
22649					G	28501A	E-336	
22650			BE1157	MVDH07B CIRCUIT BREAKER (CH. 1)	G		E-336	
22651			C5716	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22651Z			C5762C	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22652			C5762D	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22653			C5763C	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22653A			C5763D	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22654			CDE-11A	MVDH07B DISCONNECT SWITCH (CH. 1)	V		E-350	
22655			EVDH07B	MVDH07B TERMINAL BOX (CH. 1)	AC		E-319	
22656			MVDH07B	BWST ISOLATION VALVE B (CH. 1)	AC		E-319	
22657			NVDH07B	MVDH07B LOCAL CONTROLLER (CH. 1)	AC		E-319	
22700		DH09A	2CBF1142B	MVDH09A CONTROL CIRCUIT	AB	27442C	E-335	10 D
22700A					G	27442C	E-335	10 A
22700B					A	27442C	E-335	
22701					A	27442B	E-335	10 D
22701A					AB	27442B	E-335	10 A
22702			2CBF1142C	MVDH09A CONTROL CIRCUIT	AB	27252A	E-335	
22703			2CBF1142D	MVDH09A CONTROL CIRCUIT	AB	Nipple	E-335	
22704			2CBF1142E	MVDH09A CONTROL CIRCUIT	FF	2CP55D	E-424	
22704A					A	F11C	E-335	
22705					DD	2CP55D	E-424	
22706					DD	2CPN	E-356-7	
22707					DD	2CED	E-356-7	
22708					A	2CEG	E-356-7	
22709					A	27438A	E-335	
22710					A	2CEH	E-335	
22711			2CBF1142F	MVDH09A CONTROL CIRCUIT	FF	2CP56D	E-424	
22711A					A	F11C	E-335	
22712					DD	2CP56D	E-424	
22713					DD	2CPN	E-356-7	
22714					DD	2CED	E-356-7	
22715					A	2CEG	E-356-7	
22716					A	27438A	E-335	
22717					A	2CEH	E-335	
22718			2CBF1142G	MVDH09A CONTROL CIRCUIT	A	27706A	E-335	
22718A					A	F11C	E-335	
22719					A	27447A	E-335	
22720					A	2CEH	E-335	
22721			2CBF1142H	MVDH09A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22722					DD	2CP16C	E-356-8	
22723					DD	2CPN	E-356-7	
22724					DD	2CED	E-356-7	
22725					A	2CEG	E-356-7	
22726					A	27704A	E-335	
22727					A	2CEH	E-335	
22728			2CBF1142J	MVDH09A CONTROL CIRCUIT	AC	27670D	E-319	
22729					AC	27670C	E-319	
22730					B	27670C	E-336	
22731					G	27670C	E-336	
22732					AB	27670C	E-335	
22733					AB	27670B	E-335	
22733A			2CBF1142K	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733B					A	27135A	E-335	
22733C					G	27135A	E-335	
22733D			2CBF1142L	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733E					A	27135A	E-335	
22733F					G	27135A	E-335	
22733G			2CBF1142M	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733H					A	27135A	E-335	
22733J					G	27135A	E-335	
22734			2PBF1142A	MVDH09A POWER CIRCUIT	A	27441A	E-335	
22735					AB	27441A	E-335	
22735A					G	27441A	E-335	
22736			BF1142	MVDH09A CIRCUIT BREAKER (CH. 2)	A		E-335	
22737			C5716	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
22737Z	DHRS	DH09A	C5755C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22738			C5755D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22738A			C5756C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22739			C5756D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22740			CDP-11C	MVDH09A DISCONNECT SWITCH (CH. 2)	A		E-350	
22741			EVDH09A	MVDH09A TERMINAL BOX (CH. 2)	AB		E-335	
22742			MVDH09A	CTMT SUMP ISOLATION VLV A (CH. 2)	AB		E-335	
22743			NVDH09A	MVDH09A LOCAL CONTROLLER (CH. 2)	AB		E-335	
22800		DH09B	1CBE1112B	MVDH09B CONTROL CIRCUIT	AB	28060A	E-335	
22801					G	28060A	E-336	
22802			1CBE1112C	MVDH09B CONTROL CIRCUIT	AB	27251A	E-335	
22803			1CBE1112D	MVDH09B CONTROL CIRCUIT	AB	Nipple	E-335	
22804			1CBE1112E	MVDH09B CONTROL CIRCUIT	FF	1CF62D	E-356-10	
22805					DD	1CP62D	E-356-10	
22806					DD	1CPL	E-356-7	
22807					DD	1CJM	E-356-7	
22808					CC	1CJM	E-347	
22809					U	1CJM	E-349-3	
22810					V	1CJM	E-350	
22811					V	1CFE	E-350	
22812					G	1CFE	E-336	
22813					G	28333A	E-336	
22814			1CBE1112F	MVDH09B CONTROL CIRCUIT	FF	1CP63D	E-424	
22815					DD	1CP63D	E-424	
22816					DD	1CPL	E-356-7	
22817					DD	1CJM	E-356-7	
22818					CC	1CJM	E-347	
22819					U	1CJM	E-349-3	
22820					V	1CJM	E-350	
22821					V	1CFE	E-350	
22822					G	1CFE	E-336	
22823					G	28331A	E-336	
22824			1CBE1112G	MVDH09B CONTROL CIRCUIT	V	38552A	E-350	
22825					V	1CJM	E-350	
22826					V	1CFE	E-350	
22827					G	1CFE	E-336	
22828					G	28333A	E-336	
22829			1CBE1112H	MVDH09B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22830					DD	1CP16A	E-356-8	
22831					DD	1CPL	E-356-6	
22832					DD	1CJL	E-356-6	
22833					CC	1CJL	E-347	
22834					U	1CJL	E-349-3	
22835					V	1CJL	E-350	
22836					V	38550A	E-350	
22837			1CBE1112J	MVDH09B CONTROL CIRCUIT	AC	27671D	E-319	
22838					AC	27671C	E-319	
22839					B	27671C	E-336	
22840					G	27671C	E-336	
22841					AB	27671C	E-335	
22842					AB	27671B	E-335	
22843			1PB1112A	MVDH09B POWER CIRCUIT	G	28037A	E-336	
22844					AB	28037B	E-335	
22845					G	28037A*	E-333	
22845A					AB	28037A*	E-333	
22845B					AB	28037A*	E-333, 334	
22846			BEL112	MVDH09B CIRCUIT BREAKER (CH. 1)	G		E-336	
22847			C5716	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22847Z			C5762C	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22848			C5762D	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22848A			C5763C	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22849			C5763D	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22850			CDE-11A	MVDH09B DISCONNECT SWITCH (CH. 1)	V		E-350	
22851			EVDH09B	MVDH09B TERMINAL BOX (CH. 1)	AB		E-335	
22852			MVDH09B	CTMT SUMP ISOLATION VLV B (CH. 1)	AB		E-335	
22853			NVDH09B	MVDH09B LOCAL CONTROLLER (CH. 1)	AB		E-335	
22900		DH11	2CBF1130C	MVDH11 CONTROL CIRCUIT	DF	47315A	E-347	
22901					DF	2CLA	E-347	
22902			2CBF1130D	MVDH11 CONTROL CIRCUIT	D	49091A	E-362	
22903					A	Exposed	E-378B-3	
22904			2CBF1130E	MVDH11 CONTROL CIRCUIT	FF	2CP56D	E-424	
22905					DD	2CP56D	E-424	
22906					DD	2CFN	E-356-7	
22907					DD	2CPP	E-356-7	
22908					DD	2CLA	E-356-7	
22909					DF	2CLA	E-347	
22910					DF	47315A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
22911	DHRS	DH11	2CBF1130F	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347			
22912					DF	2CLA	E-347			
22913					DF	2CLA	E-347			
22914					DF	47315A	E-347			
22915					2CBF1130G	MVDH11 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
22916					DD		2CP02C	E-356-8		
22917					DD		2CPN	E-356-7		
22918					DD		2CPP	E-356-7		
22919					DD		2CLA	E-356-7		
22920					DF		2CLA	E-347		
22921			DF	47702A	E-347					
22922			2CBF1130J	MVDH11 CONTROL CIRCUIT	FF		2CP02C	E-356-8		
22923			DD		2CP02C		E-356-8			
22924			DD		2CFN		E-356-7			
22925			DD		2CPP	E-356-7				
22926			DD		2CLA	E-356-7				
22927			DF		2CLA	E-347				
22928			DF		47700A	E-347				
22929			2CBF1130K		MVDH11 CONTROL CIRCUIT	DF	47700A	E-347		
22930			DF			2CLA	E-347			
22931			DD			2CLA	E-356-7			
22932			DD	2CEA		E-356-7				
22933			A	2CEA		E-347, 349-2				
22934			A	37806B		E-347, 349-2				
22935			A	37806B		E-349-2				
22936			2CBF1130L	MVDH11 CONTROL CIRCUIT		DF	47700A	E-347		
22937			DF			47315A	E-347			
22938			DF			2CLA	E-347			
22939			2PBF1130A		MVDH11 POWER CIRCUIT	DF	47313A	E-347		
22940			2PBF1130B		MVDH11 POWER CIRCUIT	D	49092A	E-362, 373		
22941						A	Exposed	E-378B-3		
22942			BF1130		MVDH11 CIRCUIT BREAKER (CH. 2)	DF		E-347		
22943			C5704		MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
22944			C5756D		MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
22945			CDP-11A-1		MVDH11 DISCONNECT SWITCH (CH. 2)	DF		E-347		
22946			MVDH11	DH NORMAL SUCTION VALVE (CH. 2)	D		E-373			
22947			P2C5GI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362			
22948			P2C5GX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
22949			P2P5FI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362			
22950			P2P5FX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
22951			PSH7531A	MVDH11 PRESSURE SWITCH (CH. 2)	FF		E-353			
22952			RC3702	MVDH11 RELAY CABINET (CH. 2)	A		E-349-2			
23000			DH12	DH12	1CBE1183C	MVDH12 CONTROL CIRCUIT	AB	38076C	E-350, 351-5	
23001							AB	1CJP	E-350, 351-5	
23002							V	1CJP	E-350	
23003							D	29021C	E-373	
23004							D	29021B*	E-364	
23005					D	29021A	E-363			
23006					1CBE1183F	MVDH12 CONTROL CIRCUIT	AB	Exposed	E-378B-3	
23007					V		38560A	E-350		
23008	V	38375A			E-350					
23009	V	1CJL			E-350					
23010	1CBE1183G	MVDH12 CONTROL CIRCUIT			FF		1CP02A	E-356-8		
23011	DD				1CP02A	E-356-8				
23012	DD				1CPM	E-356-6				
23013	DD				1CPT	E-356-6				
23014	DD				1CPL	E-356-6				
23015	DD				1CJL	E-356-6				
23016	CC				1CJL	E-347				
23017	U				1CJL	E-349-3				
23018	V				1CJL	E-350				
23019	V				38559A	E-350				
23020	1CBE1183H	MVDH12 CONTROL CIRCUIT			D	49010A	E-366, 369, 373			
23021	1CBE1183I				MVDH12 CONTROL CIRCUIT	V	38375A	E-350		
23022						V	38560A	E-350		
23023						V	1CJL	E-350		
23024	1CBE1183J				MVDH12 CONTROL CIRCUIT	FF	1CP02A	E-356-8		
23025						DD	1CP02A	E-356-8		
23026						DD	1CPM	E-356-6		
23027						DD	1CPT	E-356-6		
23028						DD	1CPL	E-356-6		
23029						DD	1CJL	E-356-6		
23030						CC	1CJL	E-347		
23031						U	1CJL	E-349-3		
23032						V	1CJL	E-350		
23033						V	38559A	E-350		
23034	1PBE1183A	MVDH12 POWER CIRCUIT			AB	JB3806	E-351-5			
23035				AB	1RJA	E-351-5				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
23036	DHRS	DH12	1PBEL183A	MVDH12 POWER CIRCUIT	AB	38001A*	E-340	
23036A					AB	38001A*	E-340	
23036B					G	38001A*	E-340	
23036C					V	38001A*	E-340	
23037					V	38001A	E-340	
23038			1PBEL183B	MVDH12 POWER CIRCUIT	D	29022C	E-373	
23039					D	29022B*	E-364	
23040					D	29022A	E-363	
23041					AB	Exposed	E-378B-3	
23042			BE1183	MVDH12 CIRCUIT BREAKER (CH. 1)	V		E-350	
23043			C5704	MVDH12 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23044			CDE-11B-2	MVDH12 DISCONNECT SWITCH (CH. 1)	V		E-350	
23045			MVDH12	DH NORMAL SUCTION VALVE (CH. 1)	D		E-373	
23046			P1C2LI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23047			P1C2LX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23048			P1P2MI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23049			P1P2MX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23050			PSHRC2B4	MVDH12 PRESSURE SWITCH (CH. 1)	D		E-366	
23100	DH13A		2CVDH13AA	SVDH13A CONTROL CIRCUIT	AB	17093A	E-332	
23101			2CVDH13AB	SVDH13A CONTROL CIRCUIT	FF	2CP55C	E-424	
23102					DD	2CP55C	E-424	
23103					DD	2CPN	E-356-7	
23104					DD	2CPP	E-356-7	
23105					DD	2CEA	E-356-7	
23106					A	2CEA	E-356-2, 347	
23107					A	2CEB	E-335	
23108					A	17607A	E-335	
23109					AB	17607A	E-332	
23110			2CVDH13AC	SVDH13A CONTROL CIRCUIT	AB	17607D	E-332	
23111					AB	JB1739	E-332	
23112			2CVDH13AD	SVDH13A CONTROL CIRCUIT	AB	Nipple	E-332	
23113			2CVDH13AG	SVDH13A CONTROL CIRCUIT	FF	2CP18A	E-356-8	
23114					DD	2CP18A	E-356-8	
23115					DD	2CPN	E-356-7	
23116					DD	2CPP	E-356-7	
23117					DD	2CEA	E-356-7	
23118					A	2CEA	E-349-2, 347	
23119					AB	17607A	E-332	
23120			C5717	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23121			C5755C	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23122			EV1469	SVDH13A TERMINAL BOX (CH. 2)	AB		E-332	
23123			NVDH13A	SVDH13A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23124			SVDH13A	DECAY HEAT CLR 2 BYPASS VLV (CH. 2)	AB		E-332	
23200	DH13B		1CVDH13BA	SVDH13B CONTROL CIRCUIT	AB	17094A	E-332	
23201			1CVDH13BB	SVDH13B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23202					DD	1CP62C	E-356-10	
23203					DD	1CPL	E-356-6	
23204					DD	1CDB	E-356-6	
23205					CC	1CDB	E-347	
23206					U	1CDB	E-349-3	
23207					G	1CDB	E-335	
23208					AB	1CDB	E-332	
23209					AB	17608A	E-332	
23210			1CVDH13BC	SVDH13B CONTROL CIRCUIT	AB	17608C	E-332	
23211					AB	JB1740	E-332	
23212			1CVDH13BD	SVDH13B CONTROL CIRCUIT	AB	Nipple	E-332	
23213			1CVDH13BE	SVDH13B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23214					DD	1CP17A	E-356-8	
23215					DD	1CPL	E-356-6	
23216					DD	1CDB	E-356-6	
23217					CC	1CDB	E-347	
23218					U	1CDB	E-349-3	
23219					G	1CDB	E-335	
23220					AB	1CDB	E-332	
23221					AB	17608A	E-332	
23222			C5717	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23223			C5762C	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23224			EV1467	SVDH13B TERMINAL BOX (CH. 1)	AB		E-332	
23225			NVDH13B	SVDH13B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23226			SVDH13B	DECAY HEAT CLR 1 BYPASS VLV (CH. 1)	AB		E-332	
23300	DH14A		2CVDH14AA	SVDH14A CONTROL CIRCUIT	AB	17095A	E-332	
23301			2CVDH14AB	SVDH14A CONTROL CIRCUIT	FF	2CP55C	E-424	
23302					DD	2CP55C	E-424	
23303					DD	2CPN	E-356-7	
23304					DD	2CPP	E-356-7	
23305					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23306	DHRS	DH14A	2CVDH14AB	SVDH14A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23307					A	2CEB	E-332, 335	
23308					A	17607A	E-332, 335	
23309					AB	17607A	E-332	
23310			2CVDH14AC	SVDH14A CONTROL CIRCUIT	AB	17607B	E-332	
23311					AB	JB1741	E-332	
23312			2CVDH14AD	SVDH14A CONTROL CIRCUIT	AB	Nipple	E-332	
23313			2CVDH14AE	SVDH14A CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23314					DD	2CP17C	E-356-8	
23315					DD	2CPN	E-356-7	
23316					DD	2CPP	E-356-7	
23317					DD	2CEA	E-356-7	
23318					A	2CEA	E-349-2, 347	
23319					A	2CEB	E-332, 335	
23320					A	17607A	E-332, 335	
23321					AB	17607A	E-332	
23322			2CVDH14AF	SVDH14A CONTROL CIRCUIT	G	27209A	E-335	
23323					G	2CEV	E-335	
23324					U	2CEV	E-349-3	
23325					CC	2CEV	E-347	
23326					DD	2CPN	E-356-7	
23327					DD	2CPP	E-356-7	
23328					DD	2CEA	E-356-7	
23329					A	2CEA	E-349-2, 347	
23330					A	2CEB	E-332, 335	
23331					A	17607A	E-332, 335	
23332					AB	17607A	E-332	
23333			C5717	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23334			C5755C	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23335			EV1469	SVDH14A TERMINAL BOX (CH. 2)	AB		E-332	
23336			NVDH14A	SVDH14A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23337			RC2701	SVDH14A RELAY CABINET (CH. 2)	G		E-335	
23338			SVDH14A	DECAY HEAT CLR 2 OUT VLV (CH. 2)	AB		E-332	
23400		DH14B	1CVDH14BA	SVDH14B CONTROL CIRCUIT	AB	17096A	E-332	
23401			1CVDH14BB	SVDH14B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23402					DD	1CP62C	E-356-10	
23403					DD	1CPL	E-356-6	
23404					DD	1CDB	E-356-6	
23405					CC	1CDB	E-347	
23406					U	1CDB	E-349-3	
23407					G	1CDB	E-335	
23408					AB	1CDB	E-332	
23409					AB	17608A	E-332	
23410			1CVDH14BC	SVDH14B CONTROL CIRCUIT	AB	17608D	E-332	
23411					AB	JB1742	E-332	
23412			1CVDH14BD	SVDH14B CONTROL CIRCUIT	AB	Nipple	E-332	
23413			1CVDH14BE	SVDH14B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23414					DD	1CP17A	E-356-8	
23415					DD	1CPL	E-356-6	
23416					DD	1CDB	E-356-6	
23417					CC	1CDB	E-351-4	
23418					U	1CDB	E-351-4	
23419					G	1CDB	E-335	
23420					AB	1CDB	E-332	
23421					AB	17608A	E-332	
23422			1CVDH14BF	SVDH14B CONTROL CIRCUIT	A	37604A	E-349-2	
23423					U	37072A	E-349-3	
23424					U	1CJL	E-349-3	
23425					U	1CDB	E-351-4	
23426					G	1CDB	E-351-4	
23427					AB	1CDB	E-332	
23428					AB	17608A	E-332	
23429			C5717	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23430			C5762C	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23431			EV1467	SVDH14B TERMINAL BOX (CH. 1)	AB		E-332	
23432			NVDH14B	SVDH14B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23433			RC3704	SVDH14B RELAY CABINET (CH. 1)	A		E-349-2	
23434			SVDH14B	DECAY HEAT CLR 1 OUT VLV (CH. 1)	AB		E-332	
23500		DH1517	1CBEL126B	MV1517 CONTROL CIRCUIT	G	27710A	E-335	
23501			1CBEL126C	MV1517 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23502					DD	1CP02A	E-356-8	
23503					DD	1CFM	E-356-6	
23504					DD	1CPL	E-356-6	
23505					DD	1CDB	E-356-6	
23506					CC	1CDB	E-351-4	
23507					U	1CDB	E-351-4	
23508					G	1CDB	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23509	DHRS	DH1517	1CBE1126C	MV1517 CONTROL CIRCUIT	G	27708A	E-335	
23510			1CBE1126D	MV1517 CONTROL CIRCUIT	G	27504B	E-335	
23511					A	27504B	E-335	
23512			1CBE1126E	MV1517 CONTROL CIRCUIT	A	Nipple	E-335	
23513			1CBE1126F	MV1517 CONTROL CIRCUIT	A	27253A	E-335	
23514			1CBE1126G	MV1517 CONTROL CIRCUIT (MV2733 INTLK)	AB	17355A	E-332	
23515					AB	EV2733	E-332	
23516					AB	17355B	E-332	
23518					AB	1CDB	E-332	
23519					G	1CDB	E-335	
23520					G	27504C	E-335	
23521					A	27504B	E-335	
23522			1PB1126A	MV1517 POWER CIRCUIT	G	27505A	E-335	
23523					A	27505A	E-335	
23524			BE1126	MV1517 CIRCUIT BREAKER (CH. 1)	G		E-335	
23525			CS704	MV1517 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23526			CDE-11D	MV1517 DISCONNECT SWITCH (CH. 1)	G		E-335	
23527			EV1517	MV1517 TERMINAL BOX (CH. 1)	A		E-335	
23528			MV1517	DH REMOVAL SUCTION LINE 1 VALVE (CH. 1)	A		E-335	
23529			NV1517	MV1517 LOCAL CONTROLLER (CH. 1)	A		E-335	
23600		DH1518	2CBF1129B	MV1518 CONTROL CIRCUIT	A	27706A	E-335	
23601					A	27447A	E-335	
23602					A	2CEH	E-335	
23603			2CBF1129C	MV1518 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
23604					DD	2CP02C	E-356-8	
23605					DD	2CPN	E-356-7	
23606					DD	2CED	E-356-7	
23607					A	2CED	E-349-2, 347	
23608					A	2CEG	E-335	
23609					A	2CEH	E-335	
23610					A	2CEH	E-335	
23611					A	27705A	E-335	
23612			2CBF1129D	MV1518 CONTROL CIRCUIT	A	27434A	E-335	
23613					A	27447A	E-335	
23614					A	2CEH	E-335	
23615			2CBF1129E	MV1518 CONTROL CIRCUIT	A	Nipple	E-335	
23616			2CBF1129F	MV1518 CONTROL CIRCUIT	A	27254A	E-335	
23617			2CBF1129G	MV1518 CONTROL CIRCUIT (MV2734 INTLK)	AB	17358A	E-332	
23618					AB	EV2734	E-332	
23619					AB	27444A	E-332	
23620					AB	27444A	E-335	
23621					A	27444C	E-335	
23622					A	27434A	E-335	
23623					A	2CEH	E-335	
23624			2PBF1129A	MV1518 POWER CIRCUIT	A	27433A	E-335	
23625			BF1129	MV1518 CIRCUIT BREAKER (CH. 2)	A		E-335	
23626			CS704	MV1518 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23627			CDF-11C	MV1518 DISCONNECT SWITCH (CH. 2)	A		E-335	
23628			EV1518	MV1518 TERMINAL BOX (CH. 2)	A		E-335	
23629			MV1518	DH REMOVAL SUCTION LINE 2 VALVE (CH. 2)	A		E-335	
23630			NV1518	MV1518 LOCAL CONTROLLER (CH. 2)	A		E-335	
23700		DH2733	1CBE1121B	MV2733 CONTROL CIRCUIT	V	1CJM	E-350	
23701					V	38551A	E-350	
23702					V	1CFF	E-350	
23703					G	1CFF	E-336	
23704					G	28333A	E-336	
23705			1CBE1121C	MV2733 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23706					DD	1CP17A	E-356-8	
23707					DD	1CPL	E-356-6	
23708					DD	1CJL	E-356-6	
23709					CC	1CJL	E-347	
23710					U	1CJL	E-349-3	
23711					V	1CJL	E-350	
23712					V	38550A	E-350	
23713			1CBE1121D	MV2733 CONTROL CIRCUIT	AB	28313A	E-332	
23714					G	28313A	E-336	
23715			1CBE1121E	MV2733 CONTROL CIRCUIT	AB	Nipple	E-332	
23716			1CBE1121F	MV2733 CONTROL CIRCUIT	AB	17355A	E-332	
23717			1CBE1121G	MV2733 CONTROL CIRCUIT (MV1517 INTLK)	AB	17355C	E-332	
23718					AB	1CDB	E-332	
23719					G	27504C	E-335	
23720					G	1CDB	E-335	
23721					A	27504B	E-335	
23722					A	EV1517	E-335	
23723					A	27253A	E-335	
23724			1CBE1121H	MV2733 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23725					DD	1CP62C	E-356-10	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
23726	DHRS	DH2733	1CBEL121H	MV2733 CONTROL CIRCUIT	DD	1CPL	E-356-6	
23727					DD	1CJM	E-356-6	
23728					CC	1CJM	E-347	
23729					U	1CJM	E-349-3	
23730					V	1CFF	E-350	
23731					G	1CFF	E-336	
23732					G	28334A	E-336	
23733			1PBEL121A	MV2733 POWER CIRCUIT	G	28312A	E-336	
23734					AB	28312A	E-332	
23735			BE1121	MV2733 CIRCUIT BREAKER (CH. 1)	G		E-336	
23736			C5717	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23737			C5762C	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23738			CDE-11A	MV2733 DISCONNECT SWITCH (CH. 1)	V		E-350	
23739			EV2733	MV2733 TERMINAL BOX (CH. 1)	AB		E-332	
23740			MV2733	LPI/DH PUMP 1 BWST SUCT VLV (CH. 1)	AB		E-332	
23741			NV2733	MV2733 LOCAL CONTROLLER (CH. 1)	AB		E-332	
23800		DH2734	2CBF1134B	MV2734 CONTROL CIRCUIT	A	27706A	E-335	
23801					A	27438A	E-335	
23802					A	2CEH	E-335	
23803			2CBF1134C	MV2734 CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23804					DD	2CP17C	E-356-8	
23805					DD	2CPN	E-356-7	
23806					DD	2CED	E-356-7	
23807					A	2CED	E-335, 349-2	
23808					A	2CEG	E-335	
23809					A	2CEH	E-335	
23810					A	27705A	E-335	
23811			2CBF1134D	MV2734 CONTROL CIRCUIT	AB	27444A	E-332	
23812					A	27444B	E-335	
23813			2CBF1134E	MV2734 CONTROL CIRCUIT	AB	Nipple	E-332	
23814			2CBF1134F	MV2734 CONTROL CIRCUIT	AB	17358A	E-332	
23815			2CBF1134G	MV2734 CONTROL CIRCUIT (MV1518 INTLK)	AB	27444A	E-335	
23816					AB	27444A	E-332	
23817					A	EV1518	E-335	
23818					A	27444C	E-335	
23819					A	27254A	E-335	
23820					A	27434A	E-335	
23821					A	2CEH	E-335	
23822			2CBF1134H	MV2734 CONTROL CIRCUIT	FF	2CP55C	E-424	
23823					DD	2CP55C	E-424	
23824					DD	2CPN	E-356-7	
23825					DD	2CPP	E-356-7	
23826					DD	2CEA	E-356-7	
23827					DD	57951A	E-356-1	
23828					DD	2CED	E-356-1	
23829					A	2CED	E-335, 349-2	
23830					A	2CEG	E-335	
23831					A	27438A	E-335	
23832					A	2CEH	E-335	
23833			2PBF1134A	MV2734 POWER CIRCUIT	A	27443A	E-335	
23834					AB	27443A	E-335	
23835					AB	27443A	E-332	
23836			BF1134	MV2734 CIRCUIT BREAKER (CH. 2)	A		E-335	
23837			C5717	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23838			C5755C	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23839			CDP-11C	MV2734 DISCONNECT SWITCH (CH. 2)	A		E-335	
23840			EV2734	MV2734 TERMINAL BOX (CH. 2)	AB		E-332	
23841			MV2734	LPI/DH PUMP 2 BWST SUCT VLV (CH. 2)	AB		E-332	
23842			NV2734	MV2734 LOCAL CONTROLLER (CH. 2)	AB		E-332	
23845E		DH2735	1CBEL155C	DH2735 CONTROL CIRCUIT	V	1CJP	E-350	
23845F					AB	1CJP	E-350, 351-5	
23845G					AB	380768	E-350, 351-5	
23845H					AB	EXPOSED	E-350, 348	
23845I			1CBEL155D	DH2735 CONTROL CIRCUIT	D	39171A	E-363, 369	
23845J					D	39169A	E-369	
23845K			1CBEL155E	DH2735 CONTROL CIRCUIT	V	38386A	E-350	
23845L					V	1CJM	E-350	
23845M					V	38564A	E-350	
23845N			1CBEL155F	DH2735 CONTROL CIRCUIT	V	38562A	E-350	
23845P					V	1CJL	E-350, 349-3	
23845Q					U	1CJL	E-349-3	
23845R					CC	1CJL	E-347	
23845S					DD	1CJL	E-356-6	
23845T					DD	1CPL	E-356-6	
23845U					DD	1CPT	E-356-6	
23845V					DD	1CPM	E-356-6	
23845W					DD	1CP02A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP				
23845X	DHRS	DH2735	1CBEL155F	DH2735 CONTROL CIRCUIT	FF	1CP02A	E-356-8					
23844			1PBEL155A	DH2735 CONTROL CIRCUIT	V	38385A	E-350					
23845						AB	38385A	E-350, 351-5				
23845A						AB	EXPOSED	E-350, 348				
23845B					1PBEL155B	DH2735 CONTROL CIRCUIT	D	1PBM01	E-363, 369			
23845C							D	39170A	E-363, 369			
23845D							D	39168A	E-369			
23848					BE1155	DH2735 CONTROL CIRCUIT	V		E-350			
23846					C5705	DH2735 CONTROL CIRCUIT	FF		E-356-8			
23847					CDE-11B-1	DH2735 CONTROL CIRCUIT	V		E-350			
23849					MV2735	DH2735 CONTROL CIRCUIT	D		E-369			
23851					P1C2LX	DH2735 CONTROL CIRCUIT	AB		E-351-5			
23853					P1P2LI	MV2735 PENETRATION TERMINAL BOX (CH 1)	D		E-350			
23852					P1P2MI	MV2735 PENETRATION TERMINAL BOX (CH1)	D		E-350			
23850					P1P2MX	DH2735 CONTROL CIRCUIT	AB		E-351-5			
23860B			DH2736		2CBF1125B	DH2736 CONTROL CIRCUIT	DF	47324A	E-347			
23860C								A	47324A	E-349-2		
23860D							2CBF1125C	DH2736 CONTROL CIRCUIT	A	37504A	E-349-2	
23860E							2CBF1125D	DH2736 CONTROL CIRCUIT	A	NIPPLE	E-349-2	
23860F							2CBF1125E	DH2736 CONTROL CIRCUIT	DF	47326A	E-347	
23860G							DF	2CLA	E-347-1			
23860H							DF	2CLB	E-347			
23860I							DF	47703A	E-347			
23860J					2CBF1125F	DH2736 CONTROL CIRCUIT	DF	47704A	E-347			
23860K							DF	2CLB	E-347			
23860L							DF	2CLA	E-347			
23860M							DD	2CLA	E-356-7			
23860N							DD	2CPP	E-356-7			
23860R							DD	2CPN	E-356-7			
23860Q							DD	2CP02C	E-356-8			
23860R							FF	2CP02C	E-356-8			
23860					2PBF1125A	DH2736 CONTROL CIRCUIT	DF	47325A	E-347			
23860A							A	47325A	E-349-2			
23863					BF1125	DH2736 CONTROL CIRCUIT	DF		E-347			
23861					C5705	DH2736 CONTROL CIRCUIT	FF		E-356-8			
23862			CDF-11A-2	DH2736 CONTROL CIRCUIT	DF		E-347					
23865			EV2736	DH2736 CONTROL CIRCUIT	A		E-349-2					
23864			MV2736	DH2736 CONTROL CIRCUIT	A		E-349-2					
23866			NV2736	DH2736 CONTROL CIRCUIT	A		E-349-2					
23900	DH63		2CBF1195B	MVDH63 CONTROL CIRCUIT	A	17625A	E-332					
23901			2CBF1195C	MVDH63 CONTROL CIRCUIT	B	18226A	E-412					
23902						AB	18226A	E-412, 332				
23903						A	18226A	E-332				
23904						A	18226C	E-332				
23905					2CBF1195D	MVDH63 CONTROL CIRCUIT	G	27703B	E-335			
23906							G	JB2729	E-335			
23907							G	18227A	E-335			
23908							AB	18227A	E-332, 412			
23909							B	18227A	E-412			
23910					2CBF1195E	MVDH63 CONTROL CIRCUIT	A	Nipple	E-332			
23911					2CBF1195F	MVDH63 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
23912							DD	2CP16C	E-356-8			
23913							DD	2CPN	E-356-6			
23914							DD	2CEV	E-356-6			
23915							CC	2CEV	E-347			
23916							U	2CEV	E-349-3			
23917							G	2CEV	E-335			
23918							G	27703B	E-335			
23919							G	27703A	E-335			
23920					G	JB2729	E-335					
23921			2PBF1195A	MVDH63 POWER CIRCUIT	B	18225A	E-412					
23922					AB	18225A	E-332, 412					
23923					A	18225A	E-332					
23924					A	18225C	E-332					
23925			BF1195	MVDH63 CIRCUIT BREAKER (CH. 2)	B		E-412					
23926			CDF-11D	MVDH63 DISCONNECT SWITCH (CH. 2)	G		E-335					
23927			EVDH63	MVDH63 TERMINAL BOX (CH. 2)	A		E-332					
23928			MVDH63	LPI/HPI CROSS-TIE VALVE (CH. 2)	A		E-332					
23929			NVDH63	MVDH63 LOCAL CONTROLLER (CH. 2)	A		E-332					
24000	DH64		1CBEL187B	MVDH64 CONTROL CIRCUIT	AB	18233A	E-412					
24001			1CBEL187C	MVDH64 CONTROL CIRCUIT	AB	18232C	E-412					
24002						AB	18232B	E-412				
24003						AB	18232B	E-336				
24004						G	18232B	E-336				
24005						G	1CFP	E-336				
24006						V	1CFF	E-350				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
24007	DHRS	DH64	1CBEL187C	MVDH64 CONTROL CIRCUIT	V	1CJM	E-350	
24008					V	48114A	E-350	
24009					AB	48114A	E-350	
24010					V	48114A	E-348	
24011					DG	48114A	E-348	
24012					DG	CDE-11E	E-348	
24013					DG	48069A	E-348	
24014			1CBEL187D	MVDH64 CONTROL CIRCUIT	DG	48135B	E-348	
24015			1CBEL187E	MVDH64 CONTROL CIRCUIT	AB	Nipple	E-412	
24016			1CBEL187F	MVDH64 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24017					DD	1CP16A	E-356-8	
24018					DD	1CPL	E-356-6	
24019					DD	1CLA	E-356-6	
24020					V	1CLA	E-347	
24021					V	1CLA	E-348	
24022					V	48135A	E-348	
24024					DG	48135A	E-348	
24025			1PBEL187A	MVDH64 POWER CIRCUIT	DG	18235A	E-348	
24026					AB	18235A	E-350	
24027					V	18235A	E-350	
24028					G	18235A	E-336	
24029					AB	18235A	E-412	
24030			BE1187	MVDH64 CIRCUIT BREAKER (CH. 1)	DG		E-348	
24035			CS716	MVDH64 CONTROL PANEL	FF		E-356-8	
24031			CDE-11E	MVDH64 DISCONNECT SWITCH (CH. 1)	DG		E-348	
24032			EVDH64	MVDH64 TERMINAL BOX (CH. 1)	AB		E-412	
24033			MVDH64	LPI/HPI CROSS-TIE VALVE (CH. 1)	AB		E-412	
24034			NVDH64	MVDH64 LOCAL CONTROLLER (CH. 1)	AB		E-412	
24040		E27-1	N/A	DHRS COOLER 1-1	AB	MAN		
24045		E27-2	N/A	DHRS COOLER 1-2	AB	MAN		
24300		P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24301					DD	1CP16A	E-356-8	
24302					DD	1CPL	E-356-1, 356-6	
24303					DD	27113C	E-356-1, 356-6	
24304					DD	27113B*	E-339,344,356	
24304A					II	27113B*	E-339, 344, 356	
24304B					CC	27113B*	E-339, 344, 356	
24305					II	27113A*	E-333, 339	
24305A					UU	27113A*	E-333, 339	
24305B					A	27113A*	E-333, 339	
24306					A	27113	E-335	
24307					A	1CEA	E-335	
24308					E	1CEA	E-335	
24309					DUCT	36086B*	E-337	
24310					S	JB3607	E-338	
24311					S	36086A	E-338	
24312					S	1CGC	E-338	
24313					S	36523A	E-338	
24314					S	1CGZ	E-338	
24316			1CAC112C	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24317					DD	1CP16A	E-356-8	
24318					DD	1CPL	E-356-1, 356-6	
24319					DD	27113C	E-356-1, 356-6	
24320					DD	27113B*	E-333,344,356	
24320A					II	27113B*	E-339, 344, 356	
24320B					CC	27113B*	E-339, 344, 356	
24320C					II	27113A*	E-333, 339	
24320D					UU	27113A*	E-333, 339	
24320E					A	27113A*	E-333, 339	
24321					A	27113	E-335	
24322					A	1CEA	E-335	
24323					E	1CEA	E-335	
24324					DUCT	36088B*	E-337, 339	
24325					S	JB3607	E-338	
24326					S	36086A	E-338	
24327					S	1CGC	E-338	
24328					S	36523A	E-338	
24329					S	1CGZ	E-338	
24330			1CAC112E	MP0421 CONTROL CIRCUIT	AB	36008F	E-332	
24331					AB	36008D	E-332	
24332					AB	36008C*	E-330, 331	
24332A					A	36008C*	E-330, 331	
24333					A	36008B (A)	E-332	
24334					DUCT	36008A*	E-337	
24335					S	36008	E-338	
24336					S	36523A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
24337	DHRS	P42-1	1CAC112E	MP0421 CONTROL CIRCUIT	S	1CGZ	E-338	
24338			1CAC112F	MP0421 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
24339					DD	1CP62C	E-356-10	
24340					DD	1CPL	E-356-1, 356-6	
24341					DD	27113C	E-356-1, 356-6	
24342					DD	27113B*	E-339, 344, 356	
24342A					II	27113B*	E-339, 344, 356	
24342B					CC	27113B*	E-339, 344, 356	
24343					II	27113A*	E-333, 339	
24343A					UU	27113A*	E-333, 339	
24343B					A	27113A*	E-333, 339	
24344					A	27113	E-335	
24345					A	1CEA	E-335	
24346					E	1CEA	E-335	
24347					S	36086B	E-337	
24348					S	JB3607	E-338	
24349					S	36086A	E-338	
24350					S	1CGC	E-338	
24351					S	36523A	E-338	
24352					S	1CGZ	E-338	
24353			1PAC112A	MP0421 POWER CIRCUIT	AB	36009D	E-332	
24354					AB	36009C*	E-330	
24354A					A	36009C*	E-330, 331	
24355					A	36009B (A)	E-332	
24356					S	36009A	E-338	
24357					DUCT	36009A*	E-337	
24358			AC112	MP0421 CIRCUIT BREAKER (CH. 1)	S		E-338	
24359			C5716	MP0421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
24363					FF		E-353	
24360			C5762C	MP0421 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24361			MP0421	DH PUMP #1 (CH. 1)	AB		E-332	
24362			NP0421	MP0421 LOCAL CONTROLLER (CH. 1)	AB		E-332	
24400		P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24401					DD	2CP16C	E-356-8	
24402					DD	2CPN	E-356-7	
24403					DD	2CED	E-356-7	
24404					A	2CED	E-335, 349-2	
24405					A	2CEG	E-335	
24406					A	2CEF	E-335	
24407					F	2CEF	E-335	
24408					DUCT	36178B*	E-337, 342	
24409					Q	36178B	E-338	
24410					Q	JB3620	E-338, 418	
24411					Q	36178A	E-338, 418	
24412					Q	36723A	E-338	
24413					Q	2CGE	E-338	
24414			2CAD112C	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24415					DD	2CP16C	E-356-8	
24416					DD	2CPN	E-356-7	
24417					DD	2CED	E-356-7	
24418					A	2CED	E-335, 349-2	
24419					A	2CEG	E-335	
24420					A	2CEF	E-335	
24421					F	2CEF	E-335	
24422					DUCT	36178B*	E-337, 342	
24423					Q	36178B	E-338	
24424					Q	JB3620	E-338, 418	
24425					Q	36178A	E-338, 418	
24426					Q	36723A	E-338	
24427					Q	2CGE	E-338	
24428			2CAD112E	MP0422 CONTROL CIRCUIT	A	36108E	E-332	
24429					A	36108D	E-332	
24430					A	36108C*	E-330	
24431					A	36108B	E-332	
24432					DUCT	36108A*	E-337	
24433					Q	36108	E-338	
24434					Q	36723A	E-338	
24435					Q	2CGE	E-338	
24436			2CAD112F	MP0422 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
24437					A	2CEG	E-335	
24438					FF	2CP55C	E-424	
24439					DD	2CP55C	E-424	
24440					DD	2CPN	E-356-7	
24441					DD	2CED	E-356-7	
24442					A	2CEF	E-335	
24443					F	2CEF	E-335	
24444					DUCT	36178B*	E-337, 342	
24445					Q	36178B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
24446	DHRS	P42-2	2CAD112F	MP0422 CONTROL CIRCUIT	Q	JB3620	E-338, 418			
24447					Q	36178A	E-338, 418			
24448					Q	36723A	E-338			
24449					Q	2CGE	E-338			
24450					DUCT	36109A*	E-337			
24451					A	36109D	E-332			
24452					A	36109C*	E-330			
24453					A	36109B	E-332			
24454					Q	36109A	E-337			
24455			Q		E-338					
24456			FF		E-353					
24457			FF		E-353					
24458			A		E-332					
24459			A		E-332					
24470			T-10	N/A	BORATED WATER STORAGE TANK	OS	MAN			
24500			EDG	DA1147A/B	1CGD104A	SV1147A/B CONTROL CIRCUIT	K	36962B	E-338	
24501							K	36960A	E-338	
24502							K	1CGP	E-338	
24503	FF	1CP15A					E-356-8			
24504	DD	1CP15A					E-356-8			
24505	DD	1CPL					E-356-1, 356-6			
24506	DD	27113C					E-356-1, 356-6			
24507	DD	27113B*					E-339, 344, 356			
24507A	II	27113B*					E-339, 344, 356			
24507B	CC	27113B*					E-339, 344, 356			
24508	II	27113A*					E-333, 339			
24508A	UU	27113A*					E-333, 339			
24508B	A	27113A*					E-333, 339			
24509	A	27113					E-335			
24510	A	1CEA					E-335			
24511	E	1CEA					E-335			
24512	DUCT	36086B*					E-337, 342			
24513	S	36086B					E-337, 342			
24514	S	JB3607					E-338, 418			
24515	S	36086A					E-338, 418			
24516	S	36075A					E-338			
24517	S	1CGC					E-338			
24518	DUCT	36075B*					E-337, 341			
24519	K	36075C					E-338			
24520	K	36960A			E-338					
24521	K	1CGP			E-338					
24522	FF	1CP63C			E-424					
24523	DD	1CP63C			E-424					
24524	DD	1CPL			E-356-1, 356-6					
24525	DD	27113C			E-356-1, 356-6					
24526	DD	27113B*			E-339, 344, 356					
24526A	II	27113B*			E-339, 344, 356					
24526B	CC	27113B*			E-339, 344, 356					
24527	II	27113A*			E-333, 339					
24527A	UU	27113A*			E-333, 339					
24527B	A	27113A*			E-333, 339					
24528	A	27113			E-335					
24529	A	1CEA			E-335					
24530	E	1CEA			E-335					
24531	DUCT	36086B*			E-337, 342					
24532	S	36086B			E-338					
24533	S	JB3607			E-338, 418					
24534	S	36086A			E-338, 418					
24535	S	36075A			E-338					
24536	S	1CGC			E-338					
24537	DUCT	36075B*			E-337, 341					
24538	K	36075C			E-338					
24539	K	1CGP			E-338					
24540	K	36960A	E-338							
24541	K	36960A	E-338							
24542	K	36967A	E-338							
24543	K	1CGP	E-338							
24544	DD	1CPL	E-356-1, 356-6							
24545	DD	27120A	E-356-1, 356-6							
24546	UU	27120A	E-349-1							
24547	A	27120A	E-335							
24548	A	1CEB	E-335							
24549	E	1CEB	E-335							
24550	DUCT	36091B*	E-337, 342							
24551	S	36091B	E-338							
24552	S	JB3607	E-338, 418							
24553	FF	1CP63C	E-424							

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24554	EDG	DA1147A/B	1CGD104E	SV1147A/B CONTROL CIRCUIT	DD	1CP63C	E-424	
24555					S	36091A	E-338, 418	
24556					S	36041A	E-338	
24557					S	1CGC	E-338	
24558					DUCT	36041B*	E-337, 341	
24559					K	36041B	E-338	
24560					K	JB3637	E-338	
24561					K	36041C	E-338	
24562					K	36581A	E-338	
24563					K	1CGP	E-338	
24563A			1CGD104F	EDG 1-1 CONTROL CIRCUIT	K	36966B	E-338	
24563B					K	1CGP	E-338	
24563C					K	36960	E-338	
24600		DA1148A/B	2CGD204A	SV1148A/B CONTROL CIRCUIT	J	36917B	E-338	
24601					J	36915A	E-338	
24602					J	2CGS	E-338	
24603			2CGD204B	SV1148A/B CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24604					DD	2CP15C	E-356-8	
24605					DD	2CPN	E-356-7	
24606					DD	2CED	E-356-7	
24607					A	2CED	E-356-7	
24608					A	2CEG	E-335, 349-2, 347	
24609					A	2CEF	E-335	
24610					F	2CEF	E-335	
24611					DUCT	36178B*	E-337, 342	
24612					Q	36178B	E-338	
24613					Q	JB3620	E-338, 418	
24614					Q	36178A	E-338, 418	
24615					Q	2CGE	E-338	
24616					Q	36175A	E-338	
24617					DUCT	36175B*	E-337	
24618					J	36175C	E-338	
24619					J	36915A	E-338	
24620					J	2CGS	E-338	
24621			2CGD204C	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24622					DD	2CP56C	E-424	
24623					DD	2CPN	E-356-7	
24624					DD	2CED	E-356-7	
24625					A	2CED	E-356-7	
24626					A	2CEG	E-335, 349-2, 347	
24627					A	2CEF	E-335	
24628					F	2CEF	E-335	
24629					DUCT	36178B*	E-337, 342	
24630					Q	36178B	E-338	
24631					Q	JB3620	E-338, 418	
24632					Q	36178A	E-338, 418	
24633					Q	2CGE	E-338	
24634					Q	36175A	E-338	
24635					DUCT	36175B*	E-337	
24636					J	36175C	E-338	
24637					J	36915A	E-338	
24638					J	2CGS	E-338	
24639			2CGD204D	SV1148A/B CONTROL CIRCUIT	J	36587A	E-338	
24640					J	36923A	E-338	
24641					J	2CGS	E-338	
24642			2CGD204E	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24643					DD	2CP56C	E-424	
24644					DD	2CPN	E-356-7	
24645					DD	2CED	E-356-7	
24646					A	2CED	E-356-7	
24647					A	2CEG	E-335, 349-2, 347	
24648					A	2CEF	E-335	
24649					F	2CEF	E-335	
24650					DUCT	36178B*	E-337, 342	
24651					Q	36178B	E-338	
24652					Q	JB3620	E-338, 418	
24653					Q	36178A	E-338, 418	
24654					Q	36176A	E-338	
24655					Q	2CGE	E-338	
24656					DUCT	36176B*	E-337	
24657					J	36176C	E-338	
24658					J	36915A	E-338	
24659					J	2CGS	E-338	
24659A			2CGD204F	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24659B					J	2CGS	E-338	
24659C					J	36915A	E-338	
24480		DA2987	N/A	AIR START RCVR 1-1-1 DISCHARGE VALVE	K	MAN		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
24481	EDG	DA2988	N/A	AIR START RCVR 1-1-2 DISCHARGE VALVE	K	MAN		
24482		DA2989	N/A	AIR START RCVR 1-2-1 DISCHARGE VALVE	J	MAN		
24487		DA2994	N/A	AIR START RCVR 1-2-2 DISCHARGE VALVE	J	MAN		
24470A		DA60	N/A	AIR START RCVR 1-1-1 RELAY VALVE	K	MAN		
24471		DA61	N/A	AIR START RCVR 1-1-2 RELAY VALVE	K	MAN		
24475		DA62	N/A	AIR START RCVR 1-2-1 RELAY VALVE	J	MAN		
24476		DA63	N/A	AIR START RCVR 1-2-2 RELAY VALVE	J	MAN		
24670		E10-1	N/A	EDG 1 JACKET WATER HEAT EXCHANGER	K	MAN		
24671		E10-2	N/A	EDG 2 JACKET WATER HEAT EXCHANGER	J	MAN		
24700		K5-1	1CGD101C	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24701					K	36969A	E-338	
24702					K	1CGP	E-338	
24703			1CGD101D	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24704					K	36969A	E-338	
24705					K	1CGP	E-338	
24706			1CGD101E	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24707					K	36969A	E-338	
24708					K	1CGP	E-338	
24709			1CGD101F	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24710					K	36969A	E-338	
24711					K	1CGP	E-338	
24712			1CGD101G	EDG 1-1 CONTROL CIRCUIT	S	36501A	E-338	
24713					S	1CGZ	E-338	
24714					S	1CGC	E-338	
24715					S	36040A	E-338	
24716					DUCT	36040B*	E-337, 341	
24717					K	JB3637	E-338	
24718					K	36040C	E-338	
24719					K	36964B	E-338	
24720					K	1CGP	E-338	
24721			1CGD101H	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24722					K	36964A	E-338	
24723					K	1CGP	E-338	
24724			1CGD101I	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24725					K	36964A	E-338	
24726					K	1CGP	E-338	
24727			1CGD101J	EDG 1-1 CONTROL CIRCUIT	S	36505A	E-338	
24728					S	1CGZ	E-338	
24729					S	1CGC	E-338	
24730					S	36040A	E-338	
24731					DUCT	36040B*	E-337	
24732					K	JB3637	E-338	
24733					K	36040C	E-338	
24734					K	36962A	E-338	
24735					K	1CGP	E-338	
24736			1CGD101K	EDG 1-1 CONTROL CIRCUIT	DUCT	36505A*	E-337, 341	
24737					S	1CGZ	E-338	
24738					S	1CGC	E-338	
24739					S	36040A	E-338	
24740					DUCT	36040B*	E-337, 341	
24741					K	JB3637	E-338	
24742					K	36040C	E-338	
24743					K	36962A	E-338	
24744					K	1CGP	E-338	
24745			1CGD101L	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24746					DD	1CP15A	E-356-8	
24747					DD	1CPL	E-356-1, 356-6	
24748					DD	27112C	E-356-1, 356-6	
24749					DD	27112B*	E-339, 344, 356	
24749A					II	27112B*	E-339, 344, 356	
24749B					CC	27112B*	E-339, 344, 356	
24750					II	27112A*	E-333, 339	
24750A					UU	27112A*	E-333, 339	
24750B					A	27112A*	E-333, 339	
24751					A	27112	E-335	
24752					A	1CEA	E-335	
24753					E	1CEA	E-335	
24754					DUCT	36083B*	E-337	
24755					S	JB3607	E-338	
24756					S	36083A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24757	EDG	K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	S	1CGC	E-338	
24758					S	36075A	E-338	
24759					DUCT	36075B*	E-337, 341	
24760					K	36075C	E-338	
24761					K	36962B	E-338	
24762					K	1CGP	E-338	
24763			1CGD101N	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24764					DD	1CP15A	E-356-8	
24765					DD	1CPL	E-356-1, 356-6	
24766					DD	27112C	E-356-1, 356-6	
24767					DD	27112B*	E-339, 344, 356	
24767A					II	27112B*	E-339, 344, 356	
24767B					CC	27112B*	E-339, 344, 356	
24768					II	27112A*	E-333, 339	
24768A					UU	27112A*	E-333, 339	
24768B					A	27112A*	E-333, 339	
24769					A	27112	E-335	
24770					A	1CEA	E-335	
24771					E	1CEA	E-335	
24772					DUCT	36083B*	E-337, 342	
24773					S	JB3607	E-338	
24774					S	36083A	E-338	
24775					S	1CGC	E-338	
24776					S	36075A	E-338	
24777					DUCT	36075B*	E-337, 341	
24778					K	36075C	E-338	
24779					K	36962B	E-338	
24780					K	1CGP	E-338	
24815A					II	27112B*	E-339, 344, 356	
24815B					CC	27112B*	E-339, 344, 356	
24816A					UU	27112A*	E-339, 344, 356	
24816B					A	27112A*	E-333, 339	
24781			1CGD101P	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24782					K	36964A	E-338	
24783					K	1CGP	E-338	
24784			1CGD101Q	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24785					K	36964A	E-338	
24786					K	1CGP	E-338	
24787			1CGD102A	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24788					K	36040C	E-338	
24789					K	JB3637	E-338	
24790					K	36040B	E-338	
24791					DUCT	36040B*	E-337, 341	
24792					S	36040A	E-338	
24793					S	1CGZ	E-338	
24795					S	36501A	E-338	
24796			1CGD102B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24797					K	36964B	E-338	
24798					K	1CGP	E-338	
24799			1CGD102C	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24800					K	36962A	E-338	
24801					K	1CGP	E-338	
24802			1CGD102D	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24803					K	36962A	E-338	
24804					K	1CGP	E-338	
24805			1CGD102E	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24806					K	36962A	E-338	
24807					K	1CGP	E-338	
24808			1CGD102F	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24809					K	36964B	E-338	
24810					K	1CGP	E-338	
25844			1CGD103B	27/C1, 27A/C1 CONTROL CIRCUIT	S	36503A	E-338, 351-1	
25845					S	36519A	E-338, 351-1	
25846					S	1CGZ	E-338, 351-1	
25847			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT	S	36505A	E-338, 351-1	
25848					S	1CGZ	E-338, 351-1	
25849					S	1CGC	E-338	
25850					S	36040A	E-338	
25851					DUCT	36040B*	E-337, 341	
25852					K	JB3637	E-338	
25853					K	36040C	E-338	
25854					K	36966A	E-338	
25855					K	1CGP	E-338	
25856			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25857					K	36040C	E-338	
25858					K	1CGP	E-338	
25859					K	JB3637	E-338	
25860					DUCT	36040B*	E-337, 341	
25861					S	36040A	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25862	EDG	KS-1	1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	S	1CGC	E-338	
25863					S	36519A	E-338, 351-1	
25864					S	1CGZ	E-338, 351-1	
25865			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP62D	E-356-10	
25866					DD	1CP62D	E-356-10	
25867					DD	1CPL	E-356-10	
25868					DD	27112C	E-356-10	
25869					DD	27112B*	E-339, 344, 356	
25869A					II	27112B*	E-339, 344, 356	
25869B					CC	27112B*	E-339, 344, 356	
25870					II	27112A*	E-333, 339	
25870A					UU	27112A*	E-333, 339	
25870B					A	27112A*	E-333, 339	
25871					A	27112	E-335	
25872					A	1CEA	E-335	
25873					E	1CEA	E-335	
25874					DUCT	36083B*	E-337, 342	
25875					S	36083B	E-338	
25876					S	JB3607	E-338, 418	
25877					S	36083A	E-338, 418	
25878					S	1CGC	E-338	
25879					S	36075A	E-338	
25880					DUCT	36075B*	E-337	
25881					K	36075C	E-338	
25882					K	36966A	E-338	
25883					K	1CGP	E-338	
25884			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
25885					FF	1CP63C	E-424	
25886					DD	1CP63C	E-424	
25887					DD	1CPL	E-356-6, 356-1	
25888					DD	27112C	E-356-6, 356-1	
25889					DD	27112B*	E-339, 344, 356	
25889A					II	27112B*	E-339, 344, 356	
25889B					CC	27112B*	E-339, 344, 356	
25890					II	27112A*	E-333, 339	
25890A					UU	27112A*	E-333, 339	
25890B					A	27112A*	E-333, 339	
25891					A	27112	E-335	
25892					A	1CEA	E-335	
25893					E	1CEA	E-335	
25894					S	36083B	E-338	
25895					S	JB3607	E-338, 418	
25896					S	36083A	E-338, 418	
25897					S	1CGC	E-338	
25898					S	36075A	E-338	
25899					DUCT	36075B*	E-337	
25900					K	36075C	E-338	
25901					K	36966A	E-338	
25902					K	1CGP	E-338	
25903			1CGD103G	27/C1, 27A/C1 CONTROL CIRCUIT	K	36964B	E-338	
25904					K	36040C	E-338	
25905					K	1CGP	E-338	
25906					K	JB3637	E-338	
25907					K	36040B	E-337	
25908					DUCT	36040B*	E-337, 341	
25909					S	36040A	E-338	
25910					S	1CGC	E-338	
25911					S	36501A	E-338	
25912					S	1CGZ	E-338	
25912A			1CGD103H	27/C1, 27A/C1 CONTROL CIRCUIT	S	JB3607	E-338	
25912B					S	36289A	E-338	
25912C					S	1CGC	E-338	
25912D					S	1CGZ	E-338	
25912E					S	36527A	E-338	
25912F			1CGD103I	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912G					K	1CGP	E-338	
25912H					K	36075C	E-338	
25912I					DUCT	36075B*	E-338	
25912J					S	36075A	E-338	
25912K					S	1CGC	E-338	
25912L					S	36083A	E-338	
25912M					S	JB3607	E-338	
25912N			1CGD103J	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912O					K	1CGP	E-338	
25912P					K	36213A	E-338	
24811			1CGD105A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24812					DD	1CP15A	E-356-8	
24813					DD	1CPL	E-356-1	
24814					DD	27112C	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24815	EDG	K5-1	1CGD105A	EDG 1-1 CONTROL CIRCUIT	DD	27112B*	E-339, 344, 356	
24816					II	27112A*	E-333, 339	
24817					A	27112	E-333	
24818					A	1CEA	E-335	
24819					E	1CEA	E-335	
24820					DUCT	36083B*	E-337, 342	
24821					S	36083B	E-338	
24822					S	JB3607	E-338, 418	
24823					S	36083A	E-338, 418	
24824					S	36075A	E-338	
24825					S	1CGC	E-338	
24826					DUCT	36075B*	E-337, 341	
24827					K	36075C	E-338	
24828					K	36968A	E-338	
24829					K	1CGP	E-338	
24830			1CGD105B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24831					K	36968A	E-338	
24832					K	1CGP	E-338	
24833			1CGD105C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24834					K	36968A	E-338	
24835					K	1CGP	E-338	
24836			1CGD105D	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24837					K	36967A	E-338	
24838					K	1CGP	E-338	
24838A			1CGD105E	DG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24838B					K	1CGP	E-338	A
24838C					K	36966A	E-338	A
24838D			1CGD105F	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24838E			1CGD105G	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24839			1CGD106A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24840					DD	1CP15A	E-356-8	
24841					DD	1CPL	E-356-1, 356-6	
24842					DD	27112C	E-356-1, 356-6	
24843					DD	27112B*	E-339, 344, 356	
24843A					II	27112B*	E-339, 344, 356	
24843B					CC	27112B*	E-339, 344, 356	
24844					II	27112A*	E-333, 339	
24844A					UU	27112A*	E-333, 339	
24844B					A	27112A*	E-333, 339	
24845					A	27112	E-335	
24846					A	1CEA	E-335	
24847					E	1CEA	E-335	
24848					DUCT	36083B*	E-337, 342	
24849					S	36083B	E-338	
24850					S	JB3607	E-338, 418	
24851					S	36083A	E-338, 418	
24852					S	1CGC	E-338	
24853					S	36075A	E-338	
24854					DUCT	36075B*	E-337, 341	
24855					K	36075C	E-338	
24856					K	36968A	E-338	
24857					K	1CGP	E-338	
24858			1CGD106B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24859					K	36968A	E-338	
24860					K	1CGP	E-338	
24861			1CGD106C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24862					K	36968A	E-338	
24863					K	1CGP	E-338	
24863A			1CGD106D	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24863B					K	1CGP	E-338	
24863C					K	36213B	E-338	
24863D			1CGD106E	EDG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24863E					K	1CGP	E-338	A
24863F					K	36966A	E-338	A
24881A			1CGD108A	FIELD FLASH/SHORTING CIRCUITS	S	36501A	E-338, 351-1	
24881B					S	1CGZ	E-338, 351-1	
24881C					S	1CGC	E-338	
24881D					S	36041A	E-338, 351-1	
24881E					S	36041B*	E-337	
24881F					DUCT	36041B*	E-337	
24881G					K	36041B*	E-337	
24881H					K	JB3637	E-338	
24881I					K	36041C	E-338	
24881J					K	1CGP	E-338	
24881K					K	36213A	E-338	
24881L			1CGD108B	FIELD FLASH/SHORTING CIRCUITS	K	36964B	E-338	
24881M					K	1CGP	E-338	
24881N					K	36213A	E-338	
24881P			1CGD108C	FIELD FLASH/SHORTING CIRCUITS	K	36213A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
24881Q	EDG	KS-1	1CGD108C	FIELD FLASH/SHORTING CIRCUITS	K	1CGP	E-338		
24881R					K	36581A	E-338		
24864			1CGD110A	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338		
24865					K	36964B	E-338		
24866					K	1CGP	E-338		
24867			1CGD110B	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338		
24868					K	36964B	E-338		
24868A			1LGD111E	EDG 1-1 CONTROL CIRCUIT	K	36988A	E-338		
24869			1PGD101A	EDG 1-1 POWER CIRCUIT	K	36003C	E-338		
24870			1PGD101B	EDG 1-1 POWER CIRCUIT	K	36001C	E-338		
24871			1PGD101R	EDG 1-1 POWER CIRCUIT	K	36229A	E-338		
24872			AC101	EDG 1-1 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338		
24873			AC103	EDG 1-1 SWGR C1 CUBICLE	S		E-338		
24874			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338		
24875			C3617	EDG 1-1 EXCIT CTRL & RLY BD (CH. 1)	K		E-338		
24876			C3621	EDG 1-1 ENGINE CTRL PANEL (CH. 1)	K		E-338		
24877			C5715	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
24878			C5763C	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
24879			EDG 1-1	EMERGENCY DIESEL GENERATOR (CH. 1)	K		E-338		
24880			GK51	EMERG DIESEL GENERATOR 1-1	K		E-338		
24900			KS-2	2CGD201C	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24901						J	36924A	E-338	
24902						J	2CGS	E-338	
24903				2CGD201D	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24904						J	36924A	E-338	
24905						J	2CGS	E-338	
24906				2CGD201E	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24907						J	36924A	E-338	
24908						J	2CGS	E-338	
24909				2CGD201F	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24910						J	36924A	E-338	
24911						J	2CGS	E-338	
24912				2CGD201G	EDG 1-2 CONTROL CIRCUIT	Q	36701A	E-338	
24913						Q	36170A	E-338	
24914					Q	2CGE	E-338		
24915					DUCT	36170B*	E-337		
24916					J	36170C	E-338		
24917					J	36919A	E-338		
24918					J	2CGS	E-338		
24919		2CGD201H		EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338		
24920					J	36919A	E-338		
24921					J	2CGS	E-338		
24922		2CGD201I		EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338		
24923					J	36919A	E-338		
24924					J	2CGS	E-338		
24925		2CGD201J		EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338		
24926					Q	2CGE	E-338		
24927					Q	36170A	E-338		
24928					DUCT	36170B*	E-337		
24929					J	36170C	E-338		
24930					J	36917A	E-338		
24931					J	2CGS	E-338		
24932		2CGD201K		EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338		
24933					Q	2CGE	E-338		
24934				Q	36170A	E-338			
24935				DUCT	36170B*	E-337			
24936				J	36170C	E-338			
24937				J	36917A	E-338			
24938				J	2CGS	E-338			
24939		2CGD201L	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8			
24940				DD	2CP15C	E-356-8			
24941				DD	2CPN	E-356-7			
24942				DD	2CEA	E-356-7			
24943				A	2CEA	E-335			
24944				A	2CEB	E-335			
24945				A	2CEC	E-335			
24946				F	2CEB	E-335			
24947				DUCT	36192B*	E-337, 342			
24948				Q	JB3620	E-338			
24949				Q	36192A	E-338			
24950				Q	2CGE	E-338			
24951				Q	36170A	E-338			
24952				DUCT	36170B*	E-337			
24953				J	36170C	E-338			
24954				J	36917B	E-338			
24955				J	2CGS	E-338			
24956		2CGD201N	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8			
24957				DD	2CP15C	E-356-8			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
24958	EDG	K5-2	2CGD201N	EDG 1-2 CONTROL CIRCUIT	DD	2CPN	E-356-7	
24959					DD	2CPP	E-356-7	
24960					DD	2CEA	E-356-7	
24961					A	2CEA	E-335	
24962					A	2CEB	E-335	
24963					A	2CEC	E-335	
24964					F	2CEC	E-335	
24965					DUCT	36192B*	E-337, 342	
24966					Q	JB3620	E-338	
24967					Q	36192A	E-338	
24968					Q	2CGE	E-338	
24969					Q	36175A	E-338	
24970					DUCT	36175B*	E-337	
24971					J	36175C	E-338	
24972					J	36919B	E-338	
24973					J	2CGS	E-338	
24974			2CGD201P	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24975					J	36919A	E-338	
24976					J	2CGS	E-338	
24977			2CGD201Q	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24978					J	36919A	E-338	
24979					J	2CGS	E-338	
24980			2CGD202A	EDG 1-2 CONTROL CIRCUIT	J	36919A	E-338	
24981					J	36170C	E-338	
24982					J	2CGS	E-338	
24983					DUCT	36170B*	E-337	
24984					Q	36170A	E-338	
24985					Q	36701A	E-338	
24986					Q	2CGE	E-338	
24987			2CGD202B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24988					J	36919B	E-338	
24989					J	2CGS	E-338	
24990			2CGD202C	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24991					J	36917A	E-338	
24992					J	2CGS	E-338	
24993			2CGD202D	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24994					J	36917A	E-338	
24995					J	2CGS	E-338	
24996			2CGD202E	EDG 1-2 CONTROL CIRCUIT	J	36922A	E-338	
24997					J	36919B	E-338	
24998					J	2CGS	E-338	
24999			2CGD202F	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25000					J	36919B	E-338	
25001					J	2CGS	E-338	
25002			2CGD205A	EDG 1-2 CONTROL CIRCUIT	DD	2CED	E-356-7	
25003					A	2CED	E-356-7	
25004					A	2CEG	E-335, 349-2, 347	
25005					A	2CEF	E-335	
25006					F	2CEF	E-335	
25007					DUCT	36178B*	E-337, 342	
25008					FF	2CP15C	E-356-8	
25009					DD	2CP15C	E-356-8	
25010					DD	2CPN	E-356-7	
25011					Q	36178B	E-338	
25012					Q	JB3620	E-338, 418	
25013					Q	36178A	E-338, 418	
25014					Q	2CGE	E-338	
25015					Q	36175A	E-338	
25016					DUCT	36175B*	E-337	
25017					J	36175C	E-338	
25018					J	36923A	E-338	
25019					J	2CGS	E-338	
25020			2CGD205B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25021					J	36923A	E-338	
25022					J	2CGS	E-338	
25023			2CGD205C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25024					J	36923A	E-338	
25025					J	2CGS	E-338	
25026			2CGD205D	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25027					J	36922A	E-338	
25028					J	2CGS	E-338	
25028A			2CGD205E	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25028B			2CGD205F	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25029			2CGD206A	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
25030					DD	2CP15C	E-356-8	
25031					DD	2CPN	E-356-7	
25032					DD	2CED	E-356-7	
25033					A	2CED	E-356-7	
25034					A	2CEG	E-335, 349-2, 347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25035	EDG	K5-2	2CGD206A	EDG 1-2 CONTROL CIRCUIT	A	2CEF	E-335	
25036					F	2CEF	E-335	
25037					DUCT	36178B*	E-337, 342	
25038					Q	36178B	E-338	
25039					Q	JB3620	E-338, 418	
25040					Q	36178A	E-338, 418	
25041					Q	36175A	E-338	
25042					Q	2CGE	E-338	
25043					DUCT	36175B*	E-337	
25044					J	36175C	E-338	
25045					J	36923A	E-338	
25046					J	2CGS	E-338	
25047			2CGD206B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25048					J	36923A	E-338	
25049					J	2CGS	E-338	
25050			2CGD206C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25051					J	36922A	E-338	
25052					J	2CGS	E-338	
25052A			2CGD206D	EDG 1-2 CONTROL CIRCUIT	J	36212A	E-338	
25052B					J	2CGS	E-338	
25052C					J	36921A	E-338	
25075A			2CGD208A	FIELD FLASH/SHORTING CIRCUITS	Q	36701A	E-338, 351-2	
25075B					Q	2CGE	E-338, 351-2	
25075C					Q	36176A	E-338, 351-2	
25075D					Q	36176B*	E-337	
25075E					DUCT	36176B*	E-337	
25075F					J	36176B*	E-337	
25075G					J	36176C	E-338	
25075H					J	2CGS	E-338	
25075I					J	36212A	E-338	
25075J			2CGD208B	FIELD FLASH/SHORTING CIRCUITS	J	36919B	E-338	
25075K					J	2CGS	E-338	
25075L					J	26212A	E-338	
25075M			2CGD208C	FIELD FLASH/SHORTING CIRCUITS	J	36212A	E-338	
25075N					J	2CGS	E-338	
25075P					J	36587A	E-338	
25053			2CGD210A	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25054					J	36919B	E-338	
25055					J	2CGS	E-338	
25056			2CGD210B	EDG 1-2 CONTROL CIRCUIT	J	36587B	E-338	
25057					J	36919B	E-338	
25058					J	2CGS	E-338	
25058A			2LGD211E	EDG 1-2 CONTROL CIRCUIT	J	36990A	E-338	
25059			2PGD201A	EDG 1-2 POWER CIRCUIT	J	36101C	E-338	
25060			2PGD201B	EDG 1-2 POWER CIRCUIT	J	36103C	E-338	
25061			2PGD201R	EDG 1-2 POWER CIRCUIT	J	36228A	E-338	
25062			AD101	EDG 1-2 CIRCUIT BREAKER (CH. 2)	Q		E-338	
25063			AD103	EDG 1-2 SWGR DI CUBICLE	Q		E-338	
25064			C3616	EDG 1-2 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
25065			C3618	EDG 1-2 EXCIT CTRL & RLY BD (CH. 2)	J		E-338	
25066			C3622	EDG 1-2 ENGINE CTRL PANEL (CH. 2)	J		E-338	
25067			C5715	EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
25068			C5756C	EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
25069			EDG 1-2	EMERGENCY DIESEL GENERATOR (CH. 2)	J		E-338	
25070			GK52	EMERG DIESEL GENERATOR 1-2	J		E-338	
25299A		P148-1A	N/A	EDG JACKET WATER PUMP (RIGHT)	K	N/A		
25299B		P148-1B	N/A	EDG JACKET WATER PUMP (LEFT)	K	N/A		
25299C		P148-2A	N/A	EDG JACKET WATER PUMP (RIGHT)	J	N/A		
25299D		P148-2B	N/A	EDG JACKET WATER PUMP (LEFT)	J	N/A		
25299E		P150-1	N/A	EDG 1 PREES PUMP	K	N/A		
25299F		P150-2	N/A	EDG 2 PREES PUMP	J	N/A		
25100		P195-1	1CBEL298B	MP1951 CONTROL CIRCUIT	DUCT	30184A*	E-304, 437-2	
25101					BN	Exposed	E-437-2	
25102					DUCT	30184B*	E-304, 437-2	
25103					MF	Exposed	E-437-2	
25104					DUCT	30184C*	E-304, 437-2	
25105					ME	Exposed	E-437-2	
25106					DUCT	30184D*	E-304, 437-2	
25107					Q	JB3660	E-338	
25108					Q	30184E	E-338	
25109					P	30184E	E-338	
25110					K	30184E	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
25111	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	K	30184J	E-338	
25112			1CBE1298C	MP1951 CONTROL CIRCUIT	K	30184H	E-338	
25113					K	30184F	E-338	
25114					K	30184F	E-338	
25115					K	30184J	E-338	
25116			1CBE1298D	MP1951 CONTROL CIRCUIT	K	30184G	E-338	
25117					K	30184F	E-338	
25118					K	30184F	E-338	
25119					K	30184J	E-338	
25120			1CBE1298E	MP1951 CONTROL CIRCUIT	K	36835A	E-338	
25121					K	36835A	E-338	
25122					K	EV1115	E-338	
25123					K	36831A	E-338	
25124					K	36041C	E-338	
25125					K	1CGP	E-338	
25126					K	JB3637	E-338	
25127					K	36248A	E-338	
25128			1PBEL298A	MP1951 POWER CIRCUIT	DUCT	30185A*	E-304, 437-2	
25129					BN	Exposed	E-437-2	
25130					DUCT	30185B*	E-304, 437-2	
25131					MF	Exposed	E-437-2	
25132					DUCT	30185C*	E-304, 437-2	
25133					ME	Exposed	E-437-2	
25134					DUCT	30185D*	E-304, 437-2	
25135					Q	JB3660	E-338	
25136					Q	30185E	E-338	
25137					P	30185E	E-338	
25138					K	30185E	E-338	
25139			BE1298	MP1951 CIRCUIT BREAKER (CH. 1)	K		E-338	
25140			FLSH1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25141			FLSL1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25142			MP1951	DG FUEL OIL STORAGE & XFER PUMP (CH. 1)	BN		E-437-2	
25143			NP1951	MP1951 LOCAL CONTROLLER (CH. 1)	BN		E-437-2	
25144			NP1951A	MP1951 LOCAL CONTROLLER (CH. 1)	K		E-338	
25200		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	DUCT	30181A*	E-304, 437-2	
25201					BN	Exposed	E-437-2	
25202					DUCT	30181B*	E-304, 437-2	
25203					MF	Exposed	E-437-2	
25204					DUCT	30187C*	E-304, 437-2	
25205					ME	Exposed	E-437-2	
25206					DUCT	30187D*	E-304, 437-2	
25207					Q	JB3665	E-338	
25208					Q	30187E	E-338	
25209					Q	30187F	E-338	
25210					Q	2CGE	E-338	
25211					Q	36748A	E-338	
25212					X	36748A	E-346	
25213					X	46335A	E-346	
25214					X	2CKL	E-346	
25215			2CBF1230C	MP1952 CONTROL CIRCUIT	J	30187J	E-338	
25216					J	30187G	E-338	
25217					Q	30187G	E-338	
25218					Q	30187F	E-338	
25219					Q	2CGE	E-338	
25220					Q	36748B	E-338	
25221					X	36748B	E-346	
25222					X	46335A	E-346	
25223					X	2CKL	E-346	
25224			2CBF1230D	MP1952 CONTROL CIRCUIT	J	30187H	E-338	
25225					J	30187G	E-338	
25226					Q	30187G	E-338	
25227					Q	30187F	E-338	
25228					Q	2CGE	E-338	
25229					Q	36748B	E-338	
25230					X	36748B	E-346	
25231					X	46335A	E-346	
25232					X	2CKL	E-346	
25233			2CBF1230E	MP1952 CONTROL CIRCUIT	J	36834A	E-338	
25234					J	36834A	E-338	
25235					J	EV1123	E-338	
25236					J	36821A	E-338	
25237					J	2CGS	E-338	
25238					J	36176C	E-338	
25239					DUCT	36176B*	E-337	
25240					Q	36176A	E-338	
25241					Q	2CGE	E-338	
25242					Q	36748B	E-338	
25243					X	36748B	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
25244	EDG	P195-2	2CBF1230E	MP1952 CONTROL CIRCUIT	X	46335A	E-346	
25245					X	2CKL	E-346	
25246			2PBF1230A	MP1952 POWER CIRCUIT	DUCT	30182B*	E-304, 437-2	
25247					DUCT	30182A*	E-304, 437-2	
25248					BN	Exposed	E-437-2	
25249					MF	Exposed	E-437-2	
25250					DUCT	30182C*	E-304, 437-2	
25251					ME	Exposed	E-437-2	
25252					DUCT	30182D*	E-304, 437-2	
25253					Q	JB3665	E-338	
25254					Q	30182E	E-338	
25255					X	30182E	E-346	
25256			BF1230	MP1952 CIRCUIT BREAKER (CH. 2)	X		E-346	
25257			FLSH1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25258			FLSL1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25259			MP1952	DG FUEL OIL STORAGE & XFER PUMP (CH. 2)	BN		E-437-2	
25260			NP1952	MP1952 LOCAL CONTROLLER (CH. 2)	BN		E-437-2	
25261			NP1952A	MP1952 LOCAL CONTROLLER (CH. 2)	J		E-338	
25270		P201-1	C3621	MP201-1 POWER CIRCUIT	K	UNSCHE		
25270A			MP201-1	EDG 1-1 M/D FUEL OIL PUMP	K	UNSCHE		
25271		P201-2	C3622	MP201-2 POWER CIRCUIT	J	UNSCHE		
25271A			MP201-2	EDG 1-2 M/D FUEL OIL PUMP	J	UNSCHE		
25275		P205-1	N/A	EDG 1-1 E/D FUEL OIL PUMP	K	MAN		
25276		P205-2	N/A	EDG 1-2 E/D FUEL OIL PUMP	J	MAN		
25299G		P264-1	N/A	EDG 1 SCAVGR PUMP	K	N/A		
25299H		P264-2	N/A	EDG 2 SCAVGR PUMP	J	N/A		
25299I		P265-1	N/A	EDG 1 PISTON CLG PUMP	K	N/A		
25299J		P265-2	N/A	EDG 2 PISTON CLG PUMP	J	N/A		
25295		P8-1	ACBE1257B	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295A					K	ACGR	E-338	
25295B					K	36068A	E-338	
25295C					DUCT	36068B*	E-337	
25295D					DUCT	36068C*	E-304	
25295E					BM	36068D	E-319	
25295F					BM	JB3082	E-319	
25295G					BM	36068E	E-319	
25295H					BM	36068G	E-319	
25295I			ACBE1257C	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295J					J	ACGR	E-338	
25295K					K	36965A	E-338	
25295L			ACBE1257D	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295M					K	ACGR	E-338	
25295N					K	36086A	E-338	
25295O					DUCT	36086B*	E-337	
25295P					DUCT	36086C*	E-304	
25295Q					BM	JB2072	E-319	
25295R					BM	36086D	E-319	
25295S					BM	36086E	E-319	
25295T					BM	JB3082	E-319	
25295U					BM	30872A	E-319	
25295V					BM	JB2076	E-319	
25295W					BM	30872C	E-319	
25295X					BM	30872D	E-319	
25295Y			ACBE1257E	MP8-1 CONTROL CIRCUIT	BE	30088A	E-361	
25295Z					BE	JB3074	E-361	
25296					BE	30049A	E-361	
25296A					BE	JB3063	E-361	
25296B					BE	30086A	E-361	
25296C					BE	30086B	E-361	
25296D			ACBE1257I	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296E					K	ACGR	E-338	
25296F					K	36043C	E-338	
25296G					DUCT	36043B*	E-338	
25296H					S	36043A	E-338	
25296I					S	ACGH	E-338	
25296J					S	ACGB	E-338	
25296K					S	ACGF	E-338	
25296L					II	ACGF	E-338	
25296M					II	ACVH	E-338, 313	
25296N					II	ACVA	E-313, 314	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
252960	EDG	P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	II	ACVE	E-314			
25296P					II	ACTC	E-308			
25296Q					II	ACTA	E-308			
25296R					II	24002A	E-308			
25296S					DUCT	24002B*	E-308			
25296T					BG	24002C	E-308			
25296U					BG	ACAA	E-306, 308, 361			
25296V					BF	ACAA	E-361			
25296W					BF	ACAC	E-361			
25296X					BF	FIELD	E-361			
25296Y					ACBE1257L	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296Z							K	ACGR	E-338	
25297							K	36043C	E-338	
25297A							DUCT	36043B*	E-338	
25297B			S	36043A			E-338			
25297C			S	ACGH			E-338			
25297D			S	ACGB			E-338			
25297E			S	ACGF			E-338			
25297F			II	ACGF			E-338			
25297G			II	ACVH			E-338, 313			
25297H			II	ACVA			E-313, 314			
25297I			II	ACVE			E-314			
25297J			II	ACTC			E-308			
25297K			II	ACTA			E-308			
25297L			II	24002A	E-308					
25297M			DUCT	24002B*	E-308					
25297N			BG	24002C	E-308					
25297O			BG	ACAA	E-306, 308, 361					
25297P	BF	ACAA	E-361							
25297Q	BF	ACAC	E-361							
25297R	BF	FIELD	E-361							
25297S	ACBE1257N	MP8-1 CONTROL CIRCUIT	BH	30716C	E-419					
25297T			BH	ACAE	E-419					
25297U			BG	30496A	E-361					
25297V			BG	JB30D1	E-361					
25297W			BG	30575A	E-306, 308, 361					
25297X			BG	24058A	E-445-7					
25297Y			BG	JB2405	E-445-7					
25297Z			BG	24058B	E-314					
25298			II	ACVA	E-313, 314					
25298A			II	ACVH	E-313, 338					
25298B			II	ACGF	E-338					
25298C			II	35130C	E-338					
25298D			II	ACGH	E-338					
25298E			P	ACGH	E-338					
25298F	P	36262A	E-338							
25298G	P	JB3633	E-338							
25298H	P	36262B	E-338							
25298I	K	36262B	E-338							
25298J	ACBE1257P	MP8-1 CONTROL CIRCUIT	OS	30341W						
25298K			OS	30341V						
25298L			BH	30341Y						
25278A			APBE1257A	DO XFER PUMP 1	DUCT	36069B*	E-319			
25278B					K	36069A	E-338			
25278C					BM	36069C	E-319			
25278D					BM	JB2073	E-319			
25278E					BM	36069E	E-319			
25278F					BM	JB3051	E-319			
25278G					DUCT	36069A*	E-337, 342			
25298R					K		E-338			
25298U					BE		E-361			
25298P					BF		E-361			
25298S					BM		E-319			
25298T	BM				E-319					
25298N	BH				E-419					
25298Q	BF				E-361					
25298O	OS									
25280	S206-01	N/A	N/A	EDG 1 AIR START MOTOR	K	MAN				
25281	S206-02	N/A	N/A	EDG 1 AIR START MOTOR	K	MAN				
25282	S206-03	N/A	N/A	EDG 1 AIR START MOTOR	K	MAN				
25283	S206-04	N/A	N/A	EDG 1 AIR START MOTOR	K	MAN				
25284	S207-01	N/A	N/A	EDG 2 AIR START MOTOR	J	MAN				
25285	S207-02	N/A	N/A	EDG 2 AIR START MOTOR	J	MAN				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25286	EDG	S207-03	N/A	EDG 2 AIR START MOTOR	J	MAN		
25287		S207-04	N/A	EDG 2 AIR START MOTOR	J	MAN		
25295		T153-1	N/A	EDG FUEL OIL TANK 1-1	BN	MAN		
25295		T153-2	N/A	EDG FUEL OIL TANK 1-2	BN	MAN		
25288		T46-1	N/A	EDG DAY TANK 1-1	K	MAN		
25289		T46-2	N/A	EDG DAY TANK 1-2	J	MAN		
25290		T86-1	N/A	EDG STARTING AIR RECEIVER 1-1-1	K	MAN		
25291		T86-2	N/A	EDG STARTING AIR RECEIVER 1-1-2	K	MAN		
25293		T86-3	N/A	EDG STARTING AIR RECEIVER 1-2-1	J	MAN		
25294		T86-4	N/A	EDG STARTING AIR RECEIVER 1-2-2	J	MAN		
25300	BSSPWR	1N	1N	STATION BATTERY #1N (CH. 1)	Y		E-346	
25301			1PD131A	BATTERY #1N POWER FEED TO DC MCC 1	Y	46566A	E-346	
25302					Y	46566A	E-346	
25303			1PD131B	BATTERY #1N POWER FEED TO DC MCC 1	Y	46567A	E-346	
25304					Y	46567A	E-346	
25400		1P	1P	STATION BATTERY #1P (CH. 1)	Y		E-346	
25401			1PD104A	BATTERY #1P POWER FEED TO DC MCC 1	Y	46554A	E-346	
25402					Y	46554A	E-346	
25403			1PD104B	BATTERY #1P POWER FEED TO DC MCC 1	Y	46553A	E-346	
25404					Y	46553A	E-346	
25500		2N	2N	STATION BATTERY #2N (CH. 2)	X		E-346	
25501			2PD231A	BATTERY #2N POWER FEED TO DC MCC 2	X	46766A	E-346	
25502					X	46766A	E-346	
25503			2PD231B	BATTERY #2N POWER FEED TO DC MCC 2	X	46767A	E-346	
25504					X	46767A	E-346	
25600		2P	2P	STATION BATTERY #2P (CH. 2)	X		E-346	
25601			2PD204A	BATTERY #2P POWER FEED TO DC MCC 2	X	46753A	E-346	
25602					X	46753A	E-346	
25603			2PD204B	BATTERY #2P POWER FEED TO DC MCC 2	X	46754A	E-346	
25604					X	46754A	E-346	
35651G	BUS B		2PD202A	125V BKR CONT PWR (C1 BACKFEED)	X	46751A	E-346	A
35651H					Q	46751A	E-338	A
35651I			BCHBDA	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36774A	E-338	A
35651J					Q	BCGM	E-338	A
35651K					P	BCGM	E-338	A
35651L					A	BCGM	E-338, 349-2	A
35651M					DD	BCGM	E-356-4	A
35651N					DD	BCPC	E-356-4	A
35651P					DD	BCP15D	E-356-8	A
35651Q					FF	BCP15D	E-353	A
35651R			BCHBDB	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651S					Q	BCGD	E-338	A
35651T					Q	BCGN	E-338	A
35651U					Q	36775A	E-338	A
35651V			BCHBDC	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651W					Q	BCGD	E-338	A
35651X					Q	BCGN	E-338	A
35651Y					Q	36775A	E-338	A
35651Z			BCHBDD	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36414A	E-338	A
35651F			BPD2P04A	125V BKR CONT PWR (C1 BACKFEED)	X	46818A	E-346	A
35651A			BPDBP02A	CONTROL PWR FOR HBBD (E32B/25B)	X	46842A	E-346, 351-2	A
35651D					Q	46842A	E-351-2	A
35650A			BPXBD01A	POWER CABLE FROM XBD (TYP FOR 3 PH)	Q	36165A	E-337	A
35650B					OS	36165B	E-328	A
35650C					OS	36165C	E-328	A
35651E			DBP	125V DISTRIBUTION PANEL (C1 BACKFEED)	X		E-346	A
35652			HBBD	BUS B BREAKER FOR XFMR XBD	Q		E-338	A
25700	C1		1CABDC1C	ABDC1 CONTROL CIRCUIT	FF	1CP15A	E-356	
25701					DD	1CP15A	E-356	
25702					DD	1CPL	E-356	
25703					DD	27120A	E-356	
25704					CC	27120A	E-347	
25705					UU	27120A	E-349-1	
25706					A	27120A	E-332	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
25707	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	A	1CEB	E-332			
25708					E	1CEB	E-332			
25709					DUCT	36079B*	E-337			
25710					S	JB3607	E-338			
25711					S	36079A	E-338			
25712					S	1CGC	E-338			
25713					S	36503A	E-338			
25714					S	1CGZ	E-338			
25715					1CABDC1D	ABDC1 CONTROL CIRCUIT	K	36962A	E-338	
25716					K		36040C	E-338		
25717	K	1CGP	E-338							
25718	K	JB3637	E-338							
25719	DUCT	36040B*	E-337, 341							
25720	S	36040A	E-338							
25721	S	1CGC	E-338							
25722	S	36503A	E-338							
25723	S	1CGZ	E-338							
25724	1CABDC1L	ABDC1 CONTROL CIRCUIT	CC	27120A	E-347					
25725	UU		27120A	E-349-1						
25726	A		27120A	E-332						
25727	A		1CEB	E-332						
25728	E		1CEB	E-332						
25729	DUCT		36079B*	E-337						
25730	S		JB3607	E-338						
25731	S		36079A	E-338						
25732	S		1CGC	E-338						
25733	S		36503A	E-338						
25734	S	1CGZ	E-338							
25735	FF	1CP15A	E-356							
25736	DD	1CP15A	E-356							
25737	DD	27120A	E-356							
25738	DD	1CPL	E-356							
25739	1CAC101C	AC101 CONTROL CIRCUIT	FF	1CP15A	E-356-8					
25740	DD		1CP15A	E-356-8						
25741	DD		27112C	E-356-8						
25742	DD		27112C	E-356-1, 356-6						
25743	DD		1CPL	E-356-1, 356-6						
25744	DD		27112B*	E-339, 344, 356						
25744A	II		27112B*	E-339, 344, 356						
25744B	CC		27112B*	E-339, 344, 356						
25745	II		27112A*	E-333, 339						
25745A	UU		27112A*	E-333, 339						
25745B	A	27112A*	E-333, 339							
25746	A	27112	E-335							
25747	A	1CEA	E-335							
25748	E	1CEA	E-335							
25749	DUCT	36083B*	E-337, 342							
25750	S	36083B	E-338							
25751	S	JB3607	E-338, 418							
25752	S	36083A	E-338, 418							
25753	S	1CGC	E-338, 418							
25754	S	36501A	E-338							
25755	S	1CGZ	E-338							
25756	1CAC101D	AC101 CONTROL CIRCUIT	FF	1CP63C	E-424					
25757	DD		1CP63C	E-424						
25758	DD		1CPL	E-356-1, 356-6						
25759	DD		27112C	E-356-1, 356-6						
25760	DD		27112B*	E-339, 344, 356						
25760A	II		27112B*	E-339, 344, 356						
25760B	CC		27112B*	E-339, 344, 356						
25761	II		27112A*	E-333, 339						
25761A	UU		27112A*	E-333, 339						
25761B	A		27112A*	E-333, 339						
25762	A	27112	E-335							
25763	A	1CEA	E-335							
25764	E	1CEA	E-335							
25765	DUCT	36083B*	E-337, 342							
25766	S	36083B	E-338							
25767	S	JB3607	E-338, 418							
25768	S	1CGC	E-338, 418							
25769	S	36083A	E-338, 418							
25770	S	1CGC	E-338, 418							
25771	S	36501A	E-338							
25772	S	1CGZ	E-338							
25773	1CAC101F	AC101 CONTROL CIRCUIT	K	36962A	E-338					
25774	K		36040C	E-338						
25775	K		1CGP	E-338						
25776	K		JB3637	E-338						
25777	DUCT		36040B*	E-337						

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25778	ESSPWR	C1	1CAC101F	AC101 CONTROL CIRCUIT	S	36040B	E-338	
25779					S	36040A	E-338	
25780					S	1CGC	E-338	
25781					S	36501A	E-338	
25782					S	1CGZ	E-338	
25783			1CAC101G	AC101 CONTROL CIRCUIT	K	36960A	E-338	
25784					K	36075C	E-338	
25785					K	1CGP	E-338	
25786					DUCT	36075B*	E-337	
25787					S	36075B	E-338	
25788					S	36075A	E-338	
25789					S	1CGC	E-338	
25790					S	36501A	E-338	
25791					S	1CGZ	E-338	
25792			1CAC101H	AC101 CONTROL CIRCUIT	K	36967A	E-338	
25793					K	36962A	E-338	
25794					K	1CGP	E-338	
25795			1CAC1033A	SWGR C1 CONTROL	FF	1CP15A	E-356-8	
25796					DD	1CP15A	E-356-8	
25797					DD	1CJL	E-356-1, 356-6	
25798					DD	27111C	E-356-1, 356-6	
25799					DD	27111B*	E-339, 344, 356-6	
25799A					II	27111B*	E-339, 344, 356	
25799B					CC	27111B*	E-339, 344, 356	
25800					II	27111A*	E-333, 339	
25800A					UU	27111A*	E-333, 339	
25800B					A	27111A*	E-333, 339	
25801					A	27111	E-335	
25802					A	1CEA	E-335	
25803					E	1CEA	E-335	
25804					DUCT	36083B*	E-337	
25805					S	JB3607	E-338	
25806					S	36083A	E-338	
25807					S	1CGC	E-338	
25808					S	36505A	E-338	
25809					S	1CGZ	E-338	
25810			1CAC1033B	SWGR C1 CONTROL	FF	1CP15A	E-356-8	
25811					DD	1CP15A	E-356-8	
25812					DD	1CPL	E-356-1, 356-6	
25813					DD	27111C	E-356-1, 356-6	
25814					DD	27111B*	E-339, 344, 356	
25814A					II	27111B*	E-339, 344, 356	
25814B					CC	27111B*	E-339, 344, 356	
25815					II	27111A*	E-333, 339	
25815A					UU	27111A*	E-333, 339	
25815B					A	27111A*	E-333, 339	
25816					A	27111	E-335	
25817					A	1CEA	E-335	
25818					E	1CEA	E-335	
25819					DUCT	36083B*	E-337, 342	
25820					S	JB3607	E-338	
25821					S	36083A	E-338	
25822					S	1CGC	E-338	
25823					S	36505A	E-338	
25824					S	1CGZ	E-338	
25825			1CAC1033C	SWGR C1 CONTROL CIRCUIT	S	36519A	E-338	
25826					S	36505A	E-338	
25827					S	1CGZ	E-338	
25828			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
25829					DD	1CP15A	E-356-8	
25830					DD	1CPL	E-356-1, 356-6	
25831					DD	27115C	E-356-1, 356-6	
25832					DD	27115B*	E-339, 344, 356	
25832A					II	27115B*	E-339, 344, 356	
25832B					CC	27115B*	E-339, 344, 356	
25833					II	27115A*	E-333, 339	
25833A					UU	27115A*	E-333, 339	
25833B					A	27115A*	E-333, 339	
25834					A	27115	E-335	
25835					A	1CEC	E-335	
25836					E	1CEC	E-335	
25837					DUCT	36084B*	E-337, 342	
25838					S	36084B	E-338	
25839					S	JB3607	E-338, 418	
25840					S	36090A	E-338, 418	
25841					S	1CGC	E-338, 418	
25842					S	36501C	E-338	
25843					S	1CGZ	E-338	
25913			1PAC101A	AC101 POWER CIRCUIT	K	36001A	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
25914	ESSPWR	C1	1PAC101A	AC101 POWER CIRCUIT	K	JB3636	E-338			
25915					K	36001B	E-338			
25916					DUCT	36001B*	E-337			
25917			S	36001B	E-338					
25918			1PAC101B	AC101 POWER CIRCUIT	K	36003A	E-338			
25919					K	JB3636	E-338			
25920					K	36003B	E-338			
25921			DUCT	36003B*	E-337					
25922			S	36003B	E-338					
26502A			1PD1P05A	CONTROL POWER TO SWGR BUS C1 (AC113)	S	46648A	E-338			
26502B					Y	46648A	E-346			
26501					S	46650A	E-338			
26502			Y	46650A	E-346					
25923			AC101	4.16KV ES SWGR BUS C1 BREAKER (CH. 1)	S		E-338			
25924					S		E-338			
25925					S		E-338			
25926					C3615	AC101 ELEC CTRL & RLY BD (CH. 1)	K		E-338	
25927					C3617	AC101 EXCIT CTRL & RLY BD (CH. 1)	K		E-338	
25928					C3621	AC101 ENGINE CTRL PANEL (CH. 1)	K		E-338	
25929	C5715	SWGR C1 CONTROL ROOM PANEL			FF		E-353			
25930	C5763C	AC101 CONTROL ROOM PANEL (CH. 1)			FF		E-353			
26000	C2	1CAC110C			AC110 CONTROL CIRCUIT	FF	1CP15A	E-356-8		
26001						DD	1CP15A	E-356-8		
26002						DD	1CPL	E-356-1, 356-6		
26003						DD	27120A	E-356-1, 356-6		
26004						CC	27120A	E-347		
26005			UU	27120A		E-349-1				
26006			A	27120A		E-335				
26007			A	1CEB		E-335				
26008			E	1CEB		E-335				
26009			DUCT	36079B*		E-337, 342				
26010			S	36079B		E-338				
26011			S	JB3607		E-338, 418				
26012			S	36079A		E-338, 418				
26013			S	1CGC		E-338, 418				
26014			S	36519A		E-338				
26015		S	1CGZ	E-338						
26016		1CAC110D	AC110 CONTROL CIRCUIT	K	36962B	E-338				
26017				K	36040C	E-338				
26018				K	1CGP	E-338				
26019				K	JB3637	E-338				
26020				DUCT	36040B*	E-337, 341				
26021				S	36040B	E-337				
26022				S	36040A	E-338				
26023				S	1CGC	E-338				
26024				S	36519A	E-338				
26025				S	1CGZ	E-338				
26060F				AACC2	BUS C2 TIE BREAKER AAC2	S		E-351-1		
26026				AC110	4.16KV ESSEN SWGR C1 BREAKER (CH. 1)	S		E-338		
26027				AC203	SWGR C2 CUBICLE	S		E-338		
25940				ACAACC2A	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1		
25941						S	ACGF	E-338, 351-1		
25942						S	ACGB	E-338, 351-1		
25943						S	ACGH	E-338, 351-1		
25944	S					36575A	E-338, 351-1			
26060A	S	36537A	E-351-1, 338							
26060B	S	ACGF	E-351-1, 338							
26060C	S	ACGB	E-338							
26060D	S	ACGH	E-338, 351-1							
26060E	S	36575A	E-338, 351-1							
25945	ACAACC2B	BACKFEED CONTROL CIRCUIT E34B/1	S			36537A	E-338, 351-1			
25946			S			AGGF	E-338, 351-1			
25947			S	ACGB	E-338, 351-1					
25948	S	ACGH	E-338, 351-1							
25949	ACAACC2C	BACKFEED CONTROL CIRCUIT E34B/1	S	36351A	E-338, 351-1					
25950			S	36537A	E-338, 351-1					
25951			S	ACGF	E-338, 351-1					
25952			II	ACGF	E-356-1, 349-1					
25953			DD	ACGF	E-356-1, 356-2					
25954			DD	ACPJ	E-356-1, 356-2					
25955			DD	ACPR	E-356-1, 356-2					
25956	DD	ACPG	E-356-1, 356-2							
25957	DD	ACP15B	E-356-1, 356-2							
25958	FF	ACP15B	E-356-1, 356-2							
25959	ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1					
25960			S	ACGF	E-338, 351-1					
25961			S	ACGB	E-338, 351-1					
25962			S	ACGH	E-338, 351-1					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP			
25963	ESSPWR	C2	ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	S	36043A	E-338				
25964					DUCT	36043B*	E-337				
25965					K	36043C	E-338				
25966					K	ACGR	E-338				
25967					K	36961A	E-338				
25968						ACAACC2E	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25969								S	ACGF	E-338, 351-1	
25970								S	36502A	E-338, 351-1	
25971						ACAACC2F	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25972								S	ACGF	E-338, 351-1	
25973								S	36504A	E-338, 351-1	
25974						ACAACC2G	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25975								S	ACGF	E-338, 351-1	
25976								S	36518A	E-338, 351-1	
25977						ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1	
25978								S	ACGF	E-338, 351-1	
25979								II	ACGF	E-338, 349-1	
25980								DD	ACGF	E-356-1, 356-2	
25981								DD	ACPJ	E-356-1, 356-2	
25982								DD	ACPR	E-356-1, 356-2	
25983								DD	ACPG	E-356-1, 356-2	
25984								DD	ACP15B	E-356-1, 356-2	
25985								FF	ACP15B	E-356-2, 356-8	
25986						ACAACC2I	BACKFEED CONTROL CIRCUIT E34B/1	S	36538A	E-358, 351-1	
25987								S	ACGF	E-358, 351-1	
25988								S	ACGF	E-358, 351-1	
25989								S	36518A	E-358, 351-1	
26060K						ACAC2031A	BKR AMMETER AND TRIP AC110	S	36531A	E-351-1	A
26060M								S	ACGF	E-338	A
26060N								II	ACGF	E-338	A
26060O								II	ACGF	E-349-1	A
26060P								DD	ACGF	E-356-1	A
26060Q								DD	ACPJ	E-356-2	A
26060R				DD	ACPR	E-356-2	A				
26060S				DD	ACPG	E-356-2	A				
26060T				DD	ACP15B	E-356-8	A				
26060U				FF	ACP15B	E-356-8	A				
26028		ACAC2032A	SWGR C2 CONTROL CIRCUIT	FF	ACP15B	E-356-8					
26029				DD	ACP15B	E-356-8					
26030				DD	ACPG	E-356-2					
26031				DD	ACPR	E-356-2					
26032				DD	ACPJ	E-356-2					
26033				DD	ACGF	E-356-2					
26034				II	ACGF	E-338, 349-1, 347					
26035				S	36531A	E-338					
26036				S	ACGF	E-338					
26037		ACAC2032B	SWGR C2 CONTROL CIRCUIT	S	36381A	E-338					
26038				S	36601A	E-338					
26039				S	ACGJ	E-338					
26040				S	36531A	E-338					
26041				S	ACGF	E-338					
26042		ACAC2032C	SWGR C2 CONTROL CIRCUIT	K	ACGR	E-338					
26043				K	36043C	E-338					
26044				DUCT	36043B*	E-337, 341					
26045				S	36043A	E-338					
26046				S	ACGH	E-338					
26047				S	ACGB	E-338					
26048				S	36531A	E-338					
26049				S	ACGF	E-338					
26060H		ACAC2033B	BKR AMMETER AND TRIP AC110	S	36518A	E-351-1	A				
26060I				S	ACGF	E-338	A				
26060J				S	36531A	E-351-1	A				
26053A		APDAN07A	125V DC CONTROL POWER TO SWGR C2	Y	46651A	E-346					
26053B				S	46651A	E-338					
26053C				Y	46649A	E-346					
26053D				S	46649A	E-338					
26050		C2	4.16KV ESSEN SWGR BUS C2 (CH. 2)	S		E-338					
26051		C3610	SWGR C2 CONTROL CABINET	S		E-338					
26052		C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338					
26053		C5715	SWGR C2 CONTROL ROOM PANEL	FF		E-353					
26060G		HAAC	BUS C2 TIE BREAKER HAAC	S		E-351-1					
26512A	C3615	1PD1P09A	CONTROL POWER TO DGLY PANEL C3615	K	36076C	E-338					
26512B				DUCT	36076B*	E-337					
26512C				S	36076A	E-338					
26512D				Y	36076A	E-346					
26512E				Y	JB4168	E-346					
26512F				Y	46220A	E-346					
31903				1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	K	36076C	E-338			

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP					
31904	ESSPWR	C3615	1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	DUCT	36076B*	E-337						
31905					S	36076A	E-338						
31906					Y	36076A	E-346						
31907					Y	JB4618	E-346						
31908					Y	46129A	E-346						
26505					3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	K	36002D	E-338				
26506							K	36002C	E-338				
26507							DUCT	36002B*	E-337				
26508			S	36002F			E-338						
26509			Y	36002F			E-346						
26510			Y	36002F			E-346						
26511			Y	JB4629			E-346						
26512			Y	36002G			E-346						
32407			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	K	36002E	E-338						
32408					K	36002C	E-338						
32409					DUCT	36002B*	E-337						
32410					S	36002F	E-338						
32411					Y	36002F	E-346						
32412					Y	36002F	E-346						
32413					Y	JB4629	E-346						
32414					Y	36002H	E-346						
27334			C3616	C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	J	36341A	E-338				
27335							J	36341A	E-338				
27336							Q	36341A	E-338				
27337							Q	JB3640	E-338				
27338							Q	46823B	E-338				
27339							X	46823B	E-346				
32193							2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	J	36341A	E-338		
32194									J	36341A	E-338		
32195					Q	36341A			E-338				
32196					Q	JB3640			E-338				
32197					Q	46823B			E-338				
32198	X	46823B			E-346								
32199	X	D2P			E-346								
32200	X	46823C			E-346								
27106	4PD2N09A	CONTROL POWER TO DG 1-2 PANEL C3616			J	46095A	E-338						
27107					X	46095E	E-346						
27108					X	46095E	E-346						
27109					X	46095G	E-346						
32509					4PY405A	ALT CONTROL POWER TO EDG1-2 IND LIGHTS	J	46095D	E-338				
32510							J	46095A	E-338				
32511							J	46095A	E-338				
32512							J	46095B*	E-337, 343				
32512A	X	46095B*					E-337, 343						
32512B	Q	46095B*					E-337, 343						
32512C	X	46095B*					E-337, 343						
32513	X	46095E					E-346						
32514	X	46095E			E-346								
32515	X	46095F			E-346								
32052A	C3628	C3628			1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	S	36142A	E-338				
32052B							S	1CGC	E-338				
32052C							S	36357A	E-338				
32052D							Y	36357A	E-346				
32052E			Y	46122A			E-346						
32052F			Y	1CKA			E-346						
32052			1CY108AC	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338						
32052G					1CY108B	CNTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338				
33750							C3629	C3629	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338
33751											Q	2CGE	E-338
33752											Q	36728A	E-338
33753											X	36728A	E-346
33754	X	46824A	E-346										
33755	X	2CKL	E-346										
31819	C3630	C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338						
31820					S	36142A	E-338						
31821					S	1CGC	E-338						
31822					S	36357A	E-338						
31823					Y	36357A	E-346						
31824					Y	46122A	E-346						
31825			Y	1CKA	E-346								
31826			1CY108B	CTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338						
32115					2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338				
32116							Q	2CGE	E-338				
32117							Q	36728A	E-338				
32118							X	36728A	E-346				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
32119	ESSPWR	C3630	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	X	46824A	E-346			
32120					X	2CKL	E-346			
32121				2CY208B	CTRL PWR TO INST ELEC RACK ENCL C3629	R	36272A	E-338		
32000		C3645	1CY104AA	Y1A CONT POWER TO C3645 (AF6452 FO)	Y	46122F	E-346			
32001					Y	1CKA	E-346			
32002					Y	36357D	E-346			
32003					S	36357D	E-338			
32004					S	1CGC	E-338			
32005					S	36982A	E-338			
32319		C4602	2CY208AA	CONTROL POWER TO C4602	X	46824D	E-346			
32320					X	2CKL	E-346			
32321					X	46961H	E-346			
32322					X	2CKM	E-346			
32323					DF	2CKM	E-346			
32324					DF	46193B	E-346			
32325					DF	JB4674	E-346			
32326					DF	46961B	E-346			
32327					2CY208AB	CONTROL POWER TO C4602	DF	46961B	E-346	
32328							DF	JB4674	E-346	
32329							DF	2CKM	E-346, 347	
32330							DF	46961E	E-347	
32300		C4625	2CY204AA	Y2A CONT POWER TO C4625 (AF6451 FO)	X	46824D	E-346			
32301					X	2CKL	E-346			
32302					X	46961H	E-346			
32303					X	2CKM	E-346			
32304					X	46968A	E-346			
32028		C4808	1CY108AA	CONTROL POWER FROM Y1A	Y	46122F	E-346-1			
32029					Y	1CKA	E-346-1			
32030					Y	36357D	E-346			
32031					S	36357D	E-338			
32032					S	1CGC	E-338			
32033					S	36289A	E-338			
32034					S	JB3607	E-338			
32035					S	36080B	E-337, 338, 342			
32036					DUCT	36080B*	E-337			
32037					E	1CEA	E-335			
32038					A	1CEA	E-335			
32039					A	27617B	E-335			
32040					G	27617B	E-335			
32041					G	1CDB	E-335, 351-4			
32042					U	1CDB	E-349-3, 351-4			
32042A					U	37089A	E-349-3	A		
32042B					U	1CJL	E-349-3	A		
32042C					U	37092A	E-349-3	A		
32043					U	JB3736	E-349-3			
32051A					1CY108AB	CONTROL POWER FROM Y1A	DG	48554D	E-348	
32043A		1CY108AC	CONTROL POWER FROM Y1A	U	JB3736	E-349-3				
32044				U	37092F	E-349-3, 356				
32045				U	1CJL	E-349-3, 356-6				
32046				CC	1CJL	E-347				
32047				CC	47000A	E-347				
32048				V	47000A	E-347				
32050				V	1CLA	E-347, 348				
32050A				V	48554E	E-348				
32051				DG	48554E	E-348				
32122		CS705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	FF	2CP16C	E-353			
32123					DD	2CP16C	E-356-1			
32124					DD	2CPN	E-356-1			
32125					DD	2CKL	E-356-1			
32126					DF	2CKL	E-346			
32127					X	2CKL	E-346			
32128					X	46824B	E-346			
32129					2CY211B	CTRL POWER TO IND LTS FOR CS705	FF	2CP02C	E-356-8	
32130							DD	2CP02C	E-356-8	
32131							DD	2CPN	E-356-7	
32132							DD	2CP16C	E-356-8	
32133							FF	2CP16C	E-356-8	
32134					2CY211C	CTRL POWER TO IND LTS FOR C5710	FF	FLEX	E-356-8	
26605A					2CY419A	INDICATING POWER TO CS705 (PORV)	X	46966A	E-346	2 A
26605B							X	46966A	E-346	2 A
26605C				X	2CKM	E-346	2 A			
26605D				DF	2CKM	E-346, 347	2 A			
26605E				DD	2CKM	E-356-7	2 A			
26605F				DD	2CPN	E-356-7	2 A			

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
26605G	ESSPWR	C5705	2CY419A	INDICATING POWER TO C5705 (PORV)	DD	5705C1	E-356-8	2 A		
26605H					FF	5705C1	E-356-8	2 A		
32711G		C5706	BCYBU28A	CONT POWER TO C5706 (IND SV5706 604)	DD	BCP02D	E-356-8			
32121A		C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	Y	1CKA	E-346			
32121B	Y				36122A	E-346				
32121C	Y				1CKD	E-346				
32121D	Y				46053B*	E-343, 344, 355				
32121E	X				46053B*	E-343, 344, 355				
32121F	DF				46053B*	E-343, 344, 355				
32121G	A				46053B*	E-343, 344, 355				
32121H	DD				46053B*	E-343, 344, 355				
32121I	DD				46053A	E-356-1, 356-6				
32121J	DD				1CPL	E-356-1, 356-6				
32121K	DD				1CP16A	E-356-8				
32121L	FF				1CP16A	E-356-8				
32121M					1CY112B	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
32121N	DD						1CP16A	E-356-8		
32121O	DD						1CPL	E-356-6		
32121P	DD						1CP63B	E-424		
32121Q	FF	1CP63B	E-424							
32121R		C5709	1CY112C	CNTL PWR FOR IND LGTS + PROCESS MON IND			FF	1CP16A	E-356-8	
32121S	DD						1CP16A	E-356-8		
32121T	DD						1CPM	E-356-6		
32121U	DD				5706A4	E-356				
32121V	FF				5706A4	E-356				
32134A					2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346	
32134B	X	2CKL	E-346							
32134C	DF	2CKL	E-346							
32134D	DD	2CKL	E-356-1							
32134E	DD	2CPN	E-356-1							
32134F	DD	2CP16C	E-356-1							
32134G	FF	2CP16C	E-353							
32134H	FF	2CP16C	E-356-8							
32134I	DD	2CP16C	E-356-8							
32134J	DD	2CPN	E-356-7							
32134K	DD	2CP02C	E-356-8							
32134L	FF	2CP02C	E-356-8							
32134M		2CY211C	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8				
31832				C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
31833	DD	1CP16A	E-356-8							
31834	DD	1CPL	E-356-1, 356-6							
31835	DD	46053A	E-356-1, 356-6							
31836	DD	46053B*	E-343, 344, 355							
31836A	A	46053B*	E-343, 344, 355							
31836B	DF	46053B*	E-343, 344, 355							
31836C	X	46053B*	E-343, 344, 355							
31836D	Y	46053B*	E-343, 344, 355							
31837	Y	1CKD	E-346							
31838	Y	36122A	E-346							
31839	Y	1CKA	E-346							
31840		1CY112B	CTRL PWR FOR IND LGTS + PROCESS MON IND				FF	1CP63B	E-424	
31841	DD						1CP63B	E-424		
31842	DD						1CPL	E-356-6		
31843	DD						1CP16A	E-356-8		
31844	FF						1CP16A	E-356-8		
31845	FF						1CP16A	E-356-8		
31846	DD	1CP16A	E-356-8							
31847	DD	1CPM	E-356-6							
31848	FF	5706A4	E-356							
31849	DD	5706A4	E-356							
31826A		2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346				
31826B	X			2CKL	E-346					
31826C	DF			2CKL	E-346					
31826D	DD			2CKL	E-356-1					
31826E	FF			2CPN	E-356-1					
31826F	DD			2CP16C	E-356-1					
31826G	FF			2CP16C	E-353					
31826H	FF			2CP16C	E-353					
31826I	DD			2CP16C	E-356-1					
31826J	DD			2CPN	E-356-7					
31826K	DD	2CP02C	E-356-8							
31826L	FF	2CP02C	E-356-8							
31826M		2CY211C	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8				
31850				C5717	1CY116A	CTRL PWR TO IND LGTS FOR SVS C5717	FF	1CP17B	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP			
31851	BSSPWR	C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	DD	1CP17B	E-356-8				
31852					DD	1CPM	E-356-1				
31853					DD	46056A	E-356-1				
31854					DD	46056B*	E-343, 344, 356-1				
31854A					A	46056B*	E-343, 344, 356-1				
31854B					DF	46056B*	E-343, 344, 355				
31854C					X	46056B*	E-343, 344, 355				
31854D					Y	46056B*	E-343, 344, 355				
31855					Y	46145A	E-346				
31856					Y	1CKA	E-346				
31857					Y	46122A	E-346				
31858					Y	1CKA	E-346				
32135						2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717	FF	2CP17C	E-356-8	
32136					DD			2CP17C	E-356-8		
32137					DD			2CPN	E-356-7		
32138					DD			2CKL	E-356-7		
32139					DF			2CKL	E-346, 347		
32140	X	2CKL	E-346								
32141	X	46824A	E-346								
32142		2CY212B	CONTROL POWER TO C5755A	FF	2CP55A	E-424					
32143	DD			2CP55A	E-424						
32144	DD			2CPN	E-356-7						
32145	DD			2CP17C	E-356-8						
32146	FF			2CP17C	E-356-8						
27237		C5755C	2CD2P19A	CONTROL POWER TO SPAS SVS C5755C	FF	2CP55C	E-424				
27238	DD				2CP55C	E-424					
27239	DD				2CPN	E-356-7					
27240	DD				2CKM	E-356-7					
27241	DF				2CKM	E-346, 347					
27242	X				2CKM	E-346					
27243	X				46805A	E-346					
32108		C5755D	2CY207A	120VAC CONTROL POWER	FF	2CP55D	E-353				
32109	DD				2CP55D	E-356-1					
32110	DD				2CPN	E-356-1					
32111	DD				2CKL	E-356-1					
32112	DF				2CKL	E-346					
32113	X				2CKL	E-346					
32114	X				46824A	E-346					
24620		C5755E	2CY206A	CONTROL POWER TO C5755E	FF	2CP55E	E-353				
24621	DD				2CP55E	E-356-1, 356-11					
24622	DD				2CPN	E-356-7					
24623	DD				2CKL	E-356-7					
24624	DF				2CKL	E-346-1, 347-1					
24625	X				2CKL	E-346-1					
24626	X				46824A	E-346-1					
32305		C5755G	2CY2A205A	CONTROL POWER TO C5755G	X	46824D	E-346-1				
32306	X				2CKL	E-346					
32307	DF				2CKL	E-346					
32308	DD				2CKL	E-356					
32309	DD				2CPN	E-356					
32310	DD				2CP55G	E-356-11					
32311	FF				2CP55G	E-356-11					
27230		C5756D	2CD2P18A	CONTROL POWER TO SPAS SVS C5756D	FF	2CP56D	E-424				
27231	DD				2CP56D	E-424					
27232	DD				2CPN	E-356-7					
27233	DD				2CKM	E-356-7					
27234	DF				2CKM	E-346, 347					
27235	X				46805A	E-346					
27236	X				2CKM	E-346					
32500		4CY407A		CONTROL POWER TO SPAS-4 PANEL C5756D	FF	46865G	E-353				
32501	DD				46865G	E-356-1					
32502	DD				46865E	E-356-1					
32503	DD				46865C	E-356-1					
32504	DF				46865C	E-346, 347					
32505	X				46865C	E-346					
32506	X				46865C	E-346					
32507	X				JB4606	E-346					
32508	X				46865A	E-346					
32708		C5759C	BFBUS1A	INS POWER NNI-X BUS	X	46189A	E-346, 356				
32709	DF				46189A	E-346, 356					
32710	DD				46189A	E-346, 356					
32711	DD				46189B	E-356					
32712	FF				46189B	E-353					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
32605	RSSPWR	C5760D	APYAU26A	INST POWER FD TO NNI-Y BUS	Y	46188A	E-346	
32606					II	46188A	E-347	
32607					DD	46188A	E-356	
32608					DD	46188B	E-356	
32609					FF	46188B	E-353	
58200		C5761A	1CY115B	CONT POWER SFRCs LOGIC CH 1	DD	1CPL	E-356-6	
58202					DD	46051A	E-356-1	
58203					Y	46051B*	E-343, 344, 355	
58203A					X	46051B*	E-343, 344, 355	
58203B					DF	46051B*	E-343, 344, 355	
58203C					A	46051B*	E-343, 344, 355	
58203D					DD	46051B*	E-343, 344, 355	
58204					FF	1CPL	E-356-10	
58205					Y	1CKD	E-346	
58206					Y	1CKA	E-346	
58207					Y	46122B	E-346	
31950			1CYE211A	INST POWER TO SFRCs LOGIC CH 3	V	38424A	E-350	
31951					V	1CJL	E-350	
31952					U	1CJL	E-349-3	
31953					CC	1CJL	E-347	
31954					DD	1CJL	E-356-6	
31955					DD	1CPL	E-356-6	
31956					FF	1CPL	E-353	
31895		C5762A	1CY121A	CONT POWER SFRCs RELAY CH 1	FF	1CP62A	E-356-10	
31896					DD	1CP62A	E-356-10	
31897					DD	46051A	E-356-1, 356-6	
31898					DD	1CPL	E-356-1, 356-6	
31899					DD	46051B*	E-343,344,355	
31899A					A	46051B*	E-343, 344, 355	
31899B					DF	46051B*	E-343, 344, 355	
31899C					X	46051B*	E-343, 344, 355	
31899D					Y	46051B*	E-343, 344, 355	
31900					Y	1CKD	E-346	
31901					Y	46122B	E-346	
31902					Y	1CKA	E-346	
26811			1PD1P11A	CONTROL POWER TO SFRCs RELAY CH 3	FF	46050C	E-353	
26812					DD	46050C	E-356-1	
26813					DD	46050B*	E-343,344,355	
26813A					A	46050B*	E-343, 344, 355	
26813B					DF	46050B*	E-343, 344, 355	
26813C					X	46050B*	E-343, 344, 355	
26813D					Y	46050B*	E-343, 344, 355	
26814					Y	46050A	E-346	
26814A			1PD1P11B	CONTROL POWER TO SFRCs RELAY CH.2	Y	56050A	E-346	
26700		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	FF	1CP62C	E-356-10	
26701					DD	1CP62C	E-356-10	
26702					DD	1CPL	E-356-1	
26703					DD	46051A	E-356-1	
26704					DD	46051B*	E-343,344,355	
26704A					A	46051B*	E-343, 344, 355	
26704B					DF	46051B*	E-343, 344, 355	
26704C					X	46051B*	E-343, 344, 355	
26704D					Y	46051B*	E-343, 344, 355	
26705					Y	1CKD	E-346	
26706					Y	46615A	E-346	
26707					Y	1CKA	E-346	
31811		C5762D	1CY107A	120V AC CONTROL POWER	FF	1CP62E	E-356-10	
31812					DD	1CP62E	E-356-10	
31813					DD	1CPL	E-356-1, 356-6	
31814					DD	46053A	E-356-1, 356-6	
31815					DD	46053B*	E-343,344,355	
31815A					A	46053B*	E-343,344,356-1	
31815B					DF	46053B*	E-343,344,356-1	
31815C					X	46053B*	E-343,344,356-1	
31815D					Y	46053B*	E-343,344,356-1	
31816					Y	1CKD	E-346	
31817					Y	46122A	E-346	
31818					Y	1CKA	E-346	
24630		C5762E	1CY106A	CONTROL POWER TO C5762E	FF	1CP62E	E-356-10	
24631					DD	1CP62E	E-356-10	
24632					DD	1CPL	E-356-1, 356-6	
24633					DD	46053A	E-356-1	
24634					DD	46053B*	E-355	
24635					A	46053B*	E-355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
24636	ESSPWR	C5762E	1CY106A	CONTROL POWER TO C5762E	DF	46053B*	E-355, 343		
24637					X	46053B*	E-343		
24638					Y	46053B*	E-343		
24639					Y	1CKD	E-346-1		
24640					Y	1CKA	E-346-1		
24641					Y	46122A	E-346		
31957					Y	46122A	E-346		
31958					Y	1CKA	E-346		
31959					Y	1CKD	E-346		
31960					Y	46053B*	E-346		
31961					X	46053B*	E-346		
31962					DF	46053B*	E-346, 347, 355		
31963					A	46053B*	E-346, 347, 355		
31964					DD	46053B*	E-346, 347, 355		
31965					DD	46053A	E-356-1		
31966					DD	1CPL	E-356-6		
31967					DD	1CP62E	E-356-10		
31967A	FF	1CP62E	E-353, 356-10						
32006	C5763A	1CY1A105A	CONTROL POWER TO C5763A	Y	46122F	E-346-1			
32007				Y	1CKA	E-346			
32008				Y	46060B	E-343			
32009				Y	46060B*	E-343, 344, 356-1			
32009A				X	46060B*	E-343, 344, 356-1			
32009B				DF	46060B*	E-343, 344, 355			
32009C				A	46060B*	E-343, 344, 355			
32009D				DD	46060B*	E-343, 344, 355			
32010				DF	46060B	E-346			
32011				DF	46060A	E-356-6			
32012				DD	46060A	E-346			
32013				DD	1CPM	E-356-6			
32014				DD	1CPR	E-356-6			
32015				DD	1CPL	E-356			
32016				DD	1CP63A	E-356			
32017				FF	1CP63A	E-356			
26708				C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	FF	1CP63D	E-356-10
26709	DD	1CP63D	E-356-10						
26710	DD	1CPL	E-356-1, 356-6						
26711	DD	46051A	E-356-1, 356-6						
26712	DD	46051B*	E-343, 344, 355						
26712A	A	46051B*	E-343, 344, 355						
26712B	DF	46051B*	E-343, 344, 355						
26712C	X	46051B*	E-343, 344, 355						
26712D	Y	46051B*	E-343, 344, 355						
26713	Y	1CKD	E-346						
26714	Y	46615A	E-346						
26715	Y	1CKA	E-346						
32400	3CY307A	120V AC CONTROL POWER	FF				46091G	E-353	
32401			DD				46091G	E-356-1	
32402			DD				46091E	E-356-1	
32403			DD				46091C	E-356-1	
32404			DD				46091B*	E-343, 344, 355	
32404A			A	46091B*	E-343, 344, 355				
32404B			DF	46091B*	E-343, 344, 355				
32404C			X	46091B*	E-343, 344, 355				
32404D			II	46091B*	E-343, 344, 355				
32404E			Y	46091B*	E-343, 344, 355				
32405			Y	JB4607	E-346				
32406			Y	46091A	E-346				
31968			C5792	2CY221B	CONT POWER SFRCS RELAY CH 2	X	46824B	E-346	
31969						X	2CKL	E-346	
31970						DF	2CKL	E-346, 347	
31971						DD	2CKL	E-356-7	
31972						DD	2CPN	E-356-7	
31973	DD	2CEV				E-356-7			
31974	DD	2CP92B				E-356-7			
31975	FF	2CP92B				E-353			
58600	DD	2CPN				E-356-7			
58601	DD	2CEV				E-356-1			
58602	DD	2CP92B				E-356-1			
58603	DD	2CKL				E-356-7			
58604	DF	2CKL				E-347			
58605	FF	2CP92B				E-353			
58606	X	46824A				E-346			
58607	X	2CKL				E-346			
27340	2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792				FF	46117A	E-356-1	
27341			DD	46117A	E-356-1				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
27342	ESSPWR	CS792	2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	DF	46117A	E-346, 347			
27343					X	46117A	E-346			
31976	CS792A	2CY215B	INST POWER SFRCS LOGIC CH 2	X	46824A	E-346				
31977				X	2CKL	E-346				
31978				DF	2CKL	E-346, 347				
31979				DD	2CKL	E-356-7				
31980				DD	2CPN	E-356-7				
31981				DD	2CEV	E-356-7				
31982				DD	2CP92B	E-356-7				
31983				FF	2CP92B	E-353				
58700				DD	2CPN	E-356-7				
58701				DD	2CEV	E-356-1				
58702				DD	2CP92B	E-356-1				
58703				DD	2CKL	E-356-7				
58704				DF	2CKL	E-347				
58705				FF	2CP92B	E-353				
58706				X	46824A	E-346				
58707				X	2CKL	E-346				
31984				2CYF211A	INST POWER TO SFRCS LOGIC CH 3	DF	47355A	E-347		
31985						DF	2CLA	E-347		
31986						DD	2CLA	E-356-7		
31987						DD	2CPR	E-356-7		
31988	DD	2CKM	E-356-7							
31989	DD	2CPN	E-356-7							
31990	DD	2CEV	E-356-7							
31991	DD	2CP92B	E-356-7							
31992	FF	2CP92B	E-353							
32312	CS798	2CY207AA	CONTROL POWER, NNI LTS - RCS VENT			X	46824D	E-346-1		
32313						X	2CKL	E-346		
32314						DF	2CKL	E-346		
32315				DD	2CKL	E-356				
32316				DD	2CPN	E-356				
32317				DD	2CP98A	E-356				
32318				FF	2CP98A	E-356				
32331				2CY209AA	CNTRL PWR NNI, IND LTS - RCS VENT	FF	2CP98A	E-353		
32332						DD	2CP98A	E-356-1		
32333						DD	2CPN	E-356-7		
32334						DD	2CKL	E-356-7		
32335						DF	2CKL	E-346, 347		
32336						X	2CKL	E-346-1		
32337						X	46824D	E-346-1		
32018						CS799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	Y	46122F
32019				Y	1CKA				E-346	
32020	Y	46060B	E-343							
32021	Y	46060B*	E-343, 344, 356-1							
32021A	X	46060B*	E-343, 344, 356-1							
32021B	DF	46060B*	E-343, 344, 355							
32021C	A	46060B*	E-343, 344, 355							
32021D	DD	46060B*	E-343, 344, 355							
32022	DF	46060B	E-346							
32023	DF	46060A	E-356-6							
32024	DD	46060A	E-346							
32025	DD	1CPM	E-356-6							
32026	DD	1CP99A	E-356							
32027	FF	1CP99A	E-353							
32053	1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	FF	1CP99A	E-353					
32053A			DD	1CP99A	E-356-1					
32054			DD	1CPM	E-356-1, 356-6					
32055			DD	46056A	E-356-1, 356-6					
32056			DD	46056B*	E-343, 344, 356-1					
32056A			A	46056B*	E-343, 344, 356-1					
32056B			DF	46056B*	E-343, 344, 355					
32056C			X	46056B*	E-343, 344, 355					
32056D			Y	46056B*	E-343, 344, 355					
32057			Y	46122F	E-346-1					
32058			Y	1CKA	E-346-1					
31800			C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67002D	E-416		
31801	HH	JB6726				E-416				
31802	HH	67002E				E-416				
31803	HH	67002B				E-358				
31803A	HH	67002B*				E-355, 358				
31803B	DH	67002B*				E-355, 358				
31803C	FF	67002B*				E-355, 358				
31803D	DD	67002B*				E-355, 358				
31804	DD	67002B				E-356-1				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
31805	ESSFPWR	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	DD	67002C	E-356-1	
31806					DD	1CPM	E-356-1, 356-6	
31807					DD	46058A	E-356-1, 356-6	
31808					DD	46058B*	E-343,344,356-1	
31808A					A	46058B*	E-343,344,356-1	
31808B					DF	46058B*	E-343,344,355	
31808C					X	46058B*	E-343,344,355	
31808D					Y	46058B*	E-343,344,355	
31809					Y	46122B	E-346	
31810					Y	1CKA	E-346	
31810A			1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
32100		C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
32101					X	2CKL	E-346	
32102					DF	2CKL	E-346, 347	
32103					DD	2CKL	E-356-1, 356-7	
32104					DD	67199A	E-356-7	
32105					FF	67199A	E-414	
32106					HH	67199A	E-416	
31810B		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	HH	67002D	E-416	
31810C					HH	JB6726	E-416	
31810D					HH	67002E	E-416	
31810E					HH	67002B	E-416	
31810F					HH	67002B*	E-355, 358	
31810G					DH	67002B*	E-355, 358	
31810H					FF	67002B*	E-355, 358	
31810I					DD	67002B*	E-355, 358	
31810J					DD	67002B	E-356-1	
31810K					DD	67002C	E-356-1	
31810L					DD	1CPM	E-356-1, 356-6	
31810M					DD	46058A	E-356-1, 356-6	
31810N					DD	46058A*	E-343, 344, 355	
31810O					A	46058A*	E-343, 344, 355	
31810P					DF	46058A*	E-343, 344, 355	
31810Q					X	46058A*	E-343, 344, 355	
31810R					Y	46058A*	E-343, 344, 355	
31810S					Y	46122B*	E-346	
31810T					Y	1CKA*	E-346	
31810U			1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
21748			1LV4906B	MS3311 IND. CIRCUIT C6714 TO C6708	HH	67906A	E-416	
32107		C6715	2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
32107A					X	2CKL	E-346	
32107B					DF	2CKL	E-346, 347	
32107C					DD	2CKL	E-356-1, 356-7	
32107D					DD	67199A	E-414	
32107E					FF	67199A	E-416	
32107F					HH	67199A	E-346	
32107G			2CY204B	CTRL POWER TO CTRM EMER SYS PNL C6715	HH	67920A	E-416	
21836			2LV4907B	MS3321 IND. CIRCUIT C6715 TO C6709	HH	67909A	E-416	
26100		CD	CD	4.16KV TRANSFER SWGR CD	R		E-349-1	
31859		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	A	37604A	E-349-2	
31860					U	37604A	E-349-3	
31861					U	1CJL	E-349-3	
31862					V	37604A	E-349-3	
31863					V	1CJL	E-349-3	
31864					CC	1CJL	E-347	
31865					DD	1CJL	E-356-6	
31866					DD	1CPL	E-356-6	
31867					DD	1CDB	E-356-6	
31868					CC	1CDB	E-347	
31869					U	1CDB	E-349-3	
31870					G	1CDB	E-335	
31871					G	27617A	E-335	
31872					A	27617A	E-335	
31873					A	1CEA	E-335	
31874					E	1CEA	E-335	
31875					DUCT	36086B*	E-337, 342	
31876					S	36086B	E-338	
31877					S	JB3607	E-338, 418	
31878					S	36086A	E-338, 418	
31879					S	1CGC	E-338	
31880					S	36356A	E-338	
31881					Y	36356A	E-346	
31882					Y	46122A	E-346	
31883					Y	1CKA	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31884	ESSPWR	CDE-11B-1	1CY117B	CONTROL POWER TO RC3706	V	37479A	E-350	
31885					V	1CJL	E-349-3	
31886					V	37604A	E-349-3	
31887					U	37604A	E-349-3	
31888					A	37604A	E-349-2	
31889			1CY117C	CONTROL POWER TO CDE-11B-1 (CF01B IND)	V	38562B	E-350	
31890					V	37479B	E-350	
31891					V	1CJL	E-350	
31892			1CY117D	CONTROL POWER TO CDE-11B-2 (CF01B IND)	V	38561A	E-350	
31893					V	38562B	E-350	
31894					V	1CJL	E-350	
31894A		CDE-11B-2	CDE-11B-2	CONTROL DISCONNECT SWITCH (DH12)	V		E-350	
26716		CDE-12A-1	1CD1P20A	CTRL PWR TO AFPT 1-1 GOV (CDE-12A-1)	Y	46262A	E-346	
26717					Y	46615A	E-346	
26718					Y	1CKA	E-346	
26719			1CD1P20B	CONTROL POWER TO RC4604	Y	46246A	E-346	
26720					Y	46262A	E-346	
26721					Y	1CKA	E-346	
26722			1CD1P20C	CONTROL POWER TO CDE-12A-2	Y	46525A	E-346	
26723					Y	46262A	E-346	
26724					Y	1CKA	E-346	
32147		CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
32148					A	37806A	E-349-2	
32149					A	37806A	E-347, 349-2	
32150					A	2CEA	E-347, 349-2	
32151					DD	2CEA	E-356-7	
32152					DD	2CLA	E-356-7	
32153					DD	2CPR	E-356-7	
32154					DD	2CKL	E-356-7	
32155					DF	2CKL	E-346, 347	
32156					X	2CKL	E-346	
32157					X	46824A	E-346	
32158			2CY214B	CONTROL POWER TO RC4605 (P7531X)	X	2CKL	E-346	
32159					DF	2CKL	E-347, 346	
32160					DD	2CKL	E-356-7	
32161					DD	2CPR	E-356-7	
32162					DD	2CLA	E-356-7	
32163					DD	2CEA	E-356-7	
32164					A	2CEA	E-349-2	
32165					A	37806B	E-349-2	
32166					A	37806B	E-349-2	
32167			2CY214C	CONTROL POWER TO CDF-11A-1 (CF01A IND)	DF	47702A	E-347	
32168					DF	2CLA	E-347	
32169					DD	2CLA	E-356-7	
32170					DD	2CEA	E-356-7	
32171					A	2CEA	E-349-2	
32172					A	37806B	E-349-2	
32173					A	37806B	E-349-2	
27244		CDF-12A-1	2CD2P20A	CTRL PWR TO AFPT 1-2 GOV (CDF12A-1)	X	46361A	E-346	
27245					X	46805A	E-346	
27246					X	2CKM	E-346	
27247			2CD2P20B	CONTROL POWER TO CDF11C	A	27704A	E-335	
27248					A	2CEH	E-335	
27249					A	2CEH	E-335	
27250					A	2CEG	E-335	
27251					A	2CED	E-335, 349-2, 347	
27252					DD	2CED	E-356-7	
27253					DD	2CKN	E-356-7	
27254					DD	2CPR	E-356-7	
27255					DD	2CKM	E-356-7	
27256					DF	2CKM	E-346, 347	
27257					X	2CKM	E-346	
27258					X	46361A	E-346	
27259			2CD2P20C	CONTROL POWER TO RC4605	X	46247A	E-346	
27260					X	46892D	E-346	
27261					X	2CKL	E-346	
27262					X	46361A	E-346	
27263					X	2CKM	E-346	
27264			2CD2P20D	CONTROL POWER TO CDF11D	G	27701B	E-335, 418	
27265					G	JB2729	E-335, 418	
27266					G	27701A	E-335, 418	
27267					G	2CEV	E-335, 418	
27268					U	2CEV	E-349-3	
27269					CC	2CEV	E-347	
27270					DD	2CEV	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27271	BSSPWR	CDF-12A-1	2CD2P20D	CONTROL POWER TO CDF11D	DD	2CPN	E-356-7	
27272					DD	2CED	E-356-7	
27273					A	2CED	E-349-2,347,335	
27274					A	2CEG	E-335	
27275					A	2CEH	E-335	
27276					A	2CEH	E-335	
27277					A	27704A	E-335	
26200	D1		2CAACD1C	AACD1 CONTROL CIRCUIT	FF	2CP15C	E-356	
26201					DD	2CP15C	E-356	
26202					DD	2CPN	E-356	
26203					DD	2CPP	E-356	
26204					DD	2CEA	E-356	
26205					A	2CEA	E-335	
26206					A	2CEB	E-335	
26207					A	2CEC	E-332	
26208					F	2CEC	E-332	
26209					DUCT	36192B*	E-337	
26210					Q	JB3620	E-338	
26211					Q	36192A	E-338	
26212					Q	36703A	E-338	
26213					Q	2CGE	E-338	
26214					J	36917A	E-338	
26215					J	2CGS	E-338	
26217					J	36170C	E-338	
26218					DUCT	36170B*	E-337	
26219					Q	36170A	E-338	
26220					Q	36703A	E-338	
26221					Q	2CGE	E-338	
26222					FF	2CP15C	E-356	
26223					DD	2CP15C	E-356	
26224					DD	2CPN	E-356	
26225					DD	2CPP	E-356	
26226					DD	2CEA	E-356	
26227					A	2CEA	E-335	
26228					A	2CEB	E-335	
26229					A	2CEC	E-332	
26230					F	2CEC	E-332	
26231					DUCT	36192B*	E-337, 342	
26232					Q	JB3620	E-338	
26233					Q	36192A	E-338	
26234	Q	36703A	E-338					
26235	Q	2CGE	E-338					
26236	FF	2CP15C	E-356-8					
26237	DD	2CP15C	E-356-8					
26238	DD	2CPN	E-356-7					
26239	DD	2CPP	E-356-7					
26240	DD	2CEA	E-356-7					
26241	A	2CEA	E-335,349-2,347					
26242	A	2CEB	E-335					
26243	A	2CEC	E-335					
26244	F	2CEC	E-335					
26245	DUCT	36189B*	E-337, 342					
26246	Q	36189B	E-338					
26247	Q	JB3620	E-338, 418					
26248	Q	36189A	E-338, 418					
26249	Q	36701A	E-338					
26250	Q	2CGE	E-338					
26251	FF	2CP56C	E-424					
26252	DD	2CP56C	E-424					
26253	DD	2CPN	E-356-7					
26254	DD	2CPP	E-356-7					
26255	DD	2CEA	E-356-7					
26256	A	2CEA	E-335,349-2,347					
26257	A	2CEB	E-335					
26258	A	2CEC	E-335					
26259	F	2CEC	E-335					
26260	DUCT	36186B*	E-337, 342					
26261	Q	36186B	E-338					
26262	Q	JB3620	E-338, 418					
26263	Q	36186A	E-338, 418					
26264	Q	36701A	E-338					
26265	Q	2CGE	E-338					
26266	J	36917B	E-338					
26267	J	2CGS	E-338					
26268	J	36175C	E-338					
26269	DUCT	36175B*	E-337					
26270	Q	36175A	E-338					
26271	Q	36701A	E-338					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
26272	ESSPWR	D1	2CAD101F	AD101 CONTROL CIRCUIT	Q	2CGE	E-338	
26273			2CAD101G	AD101 CONTROL CIRCUIT	J	36915A	E-338	
26274					J	2CGS	E-338	
26275					J	36175C	E-338	
26276					DUCT	36175B*	E-337	
26277					Q	36175A	E-338	
26278					Q	36701A	E-338	
26279					Q	2CGE	E-338	
26280			2CAD101H	AD101 CONTROL CIRCUIT	J	36922A	E-338	
26281					J	36917B	E-338	
26282					J	2CGS	E-338	
26283			2CAD1033A	SWGR D1 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
26284					DD	2CP15C	E-356-8	
26285					DD	2CPN	E-356-7	
26286					DD	2CPP	E-356-7	
26287					DD	2CEA	E-356-7	
26288					A	2CEA	E-335	
26289					A	2CEB	E-335	
26290					A	2CEC	E-335	
26291					F	2CEC	E-335	
26292					DUCT	36186B*	E-337	
26293					Q	JB3620	E-338	
26294					Q	36186A	E-338	
26295					Q	36705A	E-338	
26296					Q	2CGE	E-338	
26297			2CAD1033B	SWGR D1 CONTROL CIRCUIT	A	2CEA	E-335	
26298					FF	2CP15C	E-356-8	
26299					DD	2CP15C	E-356-8	
26300					DD	2CPN	E-356-7	
26301					DD	2CPP	E-356-7	
26302					DD	2CEA	E-356-7	
26303					A	2CEB	E-335	
26304					A	2CEC	E-335	
26305					F	2CEC	E-335	
26306					DUCT	36186B*	E-337	
26307					Q	JB3620	E-338	
26308					Q	36186A	E-338	
26309					Q	36705A	E-338	
26310					Q	2CGE	E-338	
26311			2CAD1033C	SWGR D1 CONTROL CIRCUIT	Q	36719A	E-338	
26312					Q	36705A	E-338	
26313					Q	2CGE	E-338	
26314			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
26315					DD	2CP15C	E-356-8	
26316					DD	2CPN	E-356-7	
26317					DD	2CED	E-356-7	
26318					A	2CED	E-335,349-2,347	
26319					A	27133A	E-335	
26320					A	2CEE	E-335	
26321					F	2CEE	E-335	
26322					DUCT	36179B*	E-337, 342	
26323					Q	36179B	E-338	
26324					Q	JB3620	E-338, 418	
26325					Q	36179A	E-338, 418	
26326					Q	36701C	E-338	
26327					Q	2CGE	E-338	
26328			2CGD203B	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36703A	E-338, 351-2	
26329					Q	36719A	E-338, 351-2	
26330					Q	2CGE	E-338, 351-2	
26331			2CGD203C	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338	
26332					J	2CGS	E-338	
26333					J	36170C	E-338	
26334					DUCT	36170B*	E-337	
26335					Q	36170A	E-338	
26336					Q	36705A	E-338, 351-2	
26337					Q	2CGE	E-338, 351-2	
26338			2CGD203D	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338	
26339					J	2CGS	E-338	
26340					J	36170C	E-338	
26341					DUCT	36170B*	E-337	
26342					Q	36170A	E-338	
26343					Q	36719A	E-338, 351-2	
26344					Q	2CGE	E-338, 351-2	
26345			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP55D	E-424	
26346					DD	2CP55D	E-424	
26347					DD	2CPN	E-356-7	
26348					DD	2CPP	E-356-7	
26349					DD	2CEA	E-356-7	
26350					A	2CEA	E-335,349-2,347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
26351	ESSPWR	D1	2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	A	2CEB	E-335					
26352					A	2CEC	E-335					
26353					F	2CEC	E-335					
26354					DUCT	36192B*	E-337, 342					
26355					Q	36192B	E-338					
26356					Q	JB3620	E-338, 418					
26357					Q	36192A	E-338, 418					
26358					Q	2CGE	E-338					
26359					Q	36175A	E-338					
26360					DUCT	36175B*	E-337					
26361					J	36175C	E-338					
26362					J	36921A	E-338					
26363					J	2CGS	E-338					
26364					2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP56C	E-424			
26365							DD	2CP56C	E-424			
26366							DD	2CPN	E-356-7			
26367							DD	2CPP	E-356-7			
26368							DD	2CEA	E-356-7			
26369							A	2CEA	E-335,349-2,347			
26370							A	2CEB	E-335			
26371			A	2CEC			E-335					
26372			F	2CEC			E-335					
26373			DUCT	36192B*			E-337, 342					
26374			Q	36192B			E-338					
26375			Q	JB3620			E-338, 418					
26376			Q	36192A			E-338, 418					
26377			Q	2CGE			E-338					
26378			Q	36175A			E-338					
26379			DUCT	36175B*			E-337					
26380			J	36175C			E-338					
26381			J	36921A			E-338					
26382			J	2CGS			E-338					
26383			2CGD203G	27/D1, 27A/D1 CONTROL CIRCUIT			J	36919B	E-338			
26384					J	2CGS	E-338					
26385					J	36176C	E-338					
26386					DUCT	36176B*	E-337					
26387					Q	36176A	E-338					
26388					Q	36701A	E-338					
26389					Q	2CGE	E-338					
26389A					2CGD203H	27/C2, 27A/C2 CONTROL CIRCUIT	Q	JB3620	E-338			
26389B	Q	36187A					E-338					
26389C	Q	2CGE					E-338					
26389D	Q	36450A	E-338									
26389E	J	36921B	E-338									
26389F	J	2CGS	E-338									
26389G	J	36175C	E-338									
26389H	DUCT	36175B*	E-338									
26389I	Q	36175A	E-338									
26389J	Q	2CGE	E-338									
26389K	Q	36192A	E-338									
26389L	Q	JB3620	E-338									
26389M	2CGD203J	27/C2, 27A/C2 CONTROL CIRCUIT	J	36917B	E-338							
26389N			J	2CGS	E-338							
26390			2PAD101A	AD101 POWER CIRCUIT	J	36101A	E-338					
26391					J	JB3635	E-338					
26392					DUCT	36101B*	E-337					
26393					Q	36101B	E-337					
26394					2PAD101B	AD101 POWER CIRCUIT	J	36103A	E-338			
26395							J	JB3635	E-338			
26396							DUCT	36103B*	E-337			
26397							Q	36103B	E-337			
27319	2PD2P05A	CONTROL POWER TO SWGR BUS D1 AD113					Q	46828A	E-338			
26405A							4PD2N05A	CONTROL POWER TO SWGR BUS D1 (AD113)	Q	46829A	E-338	
26405B			P	46829A					E-338			
26405C			X	46829A					E-346			
26398			AD101	4.16KV ES SWGR BUS D1 BREAKER (CH. 2)					Q		E-338	
26399			AD103	SWGR D1 CUBICLE					Q		E-338	
26400			C3616	AD101 ELEC CTRL & RLY BD (CH. 2)	J				E-338			
26401			C3618	AD101 EXCIT CTRL & RLY BD (CH. 2)	J				E-338			
26402			C3622	AD101 ENGINE CTRL PANEL (CH. 2)	J				E-338			
26403			C5715	SWGR D1 CONTROL ROOM PANEL	FF				E-353			
26404	C5756C	AD101 CONTROL ROOM PANEL (CH. 2)	FF		E-353							
26405	D1	4.16KV ESSEN SWGR BUS D1 (CH. 2)	Q		E-338							
28404	D1N	1PD132A	DC MCC 1 TO 125V DC DIST PNL D1N	Y	46570A	E-346						
28405				Y	46570A	E-346						
26514				D1N	ESSENTIAL 125VDC DIST PANEL D1N (CH. 3)	Y		E-346				
26600	D1NA	1PD145A	DC MCC 1 TO DC MCC D1NA	Y	46067A	E-346						

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26601	ESSPWR	D1NA	D1NA	125VDC MCC	Y		E-346	
28400		D1P	1PD101A	DC MCC 1 TO 125VDC TO ES DIST PNL D1P	Y	46551A	E-346	
26816			D1P	ESSENTIAL 125VDC DIST PANEL D1P (CH. 1)	Y		E-346	
26900		D1PA	1PD128A	DC MCC 1 TO DC MCC D1PA	Y	46216A	E-346	
26901			D1PA	125VDC MCC	Y		E-346	
27000		D2	2CAD110C	AD110 CONTROL CIRCUIT	DD	2CPN	E-356-7	
27001					DD	2CFP	E-356-7	
27002					DD	2CEA	E-356-7	
27003					A	2CEA	E-335	
27004					FF	2CP15C	E-356-8	
27005					DD	2CP15C	E-356-8	
27006					A	2CEB	E-335	
27007					A	2CEC	E-335	
27008					F	2CEC	E-335	
27009					DUCT	36186B*	E-337, 342	
27010					Q	JB3620	E-338	
27011					Q	36186A	E-338	
27012					Q	36719A	E-338	
27013					Q	2CGE	E-338	
27014			2CAD110D	AD110 CONTROL CIRCUIT	J	36917A	E-338	
27015					J	2CGS	E-338	
27016					J	36170C	E-338	
27017					DUCT	36170B*	E-337	
27018					Q	36170A	E-338	
27019					Q	36719A	E-338	
27020					Q	2CGE	E-338	
27052N			AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-338	
27052J			ABDD2	BUS D2 BREAKER FROM XFMR XBD	Q		E-338	
27052Q			AD103	BUS D1 CUBICLE 3	Q		E-338	
27021			AD110	4.16KV SWGR D1 CIRCUIT BREAKER	Q		E-338	
27052R					Q		E-338	
27022			AD203	SWGR D2 CUBICLE	Q		E-338	
27050D			BCABDD2A	CNTRL CIRCUIT TO E32B/7 HAAC (BACKFEED)	Q	36737A	E-338, 351-2	
27050E					Q	BCGL	E-338	
27050F					Q	BCGD	E-338	
27050G					Q	36451A	E-338	
27050H					S	36451A	E-338	
27050I			BCABDD2B	CNTRL CIRCUIT TO E32B/7 HAAD (BACKFEED)	Q	36737A	E-338, 351-2	
27050J					Q	BCGL	E-338	
27050K					Q	BCGD	E-338	
27050L					Q	BCGN	E-338	
27050M					Q	36775A	E-338	
27050N			BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7	Q	36738A	E-338, 351-2	
27050P					Q	BCGK	E-338, 351-2	
27050Q					P	BCGK	E-338, 351-2	
27050R					A	BCGK	E-338, 349-2	
27050S					A	BCGK	E-349-2, 347-1	
27050T					DD	BCGK	E-356-4	
27050U					DD	BCGL	E-356-4	
27050V					DD	BCPD	E-356-4	
27050W					DD	BCPC	E-356-4	
27050X					DD	BCP15D	E-356-8	
27050Y					FF	BCP15D	E-356-8	
27050Z			BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2	
27051A					Q	BCGD	E-338, 351-2	
27051B					Q	BCGN	E-338	
27051C					Q	36171A	E-338	
27051D					DUCT	36171B*	E-337	
27051E					J	36171C	E-338	
27051F					J	BCGT	E-338	
27051G					J	36916A	E-338	
27051H			BCABDD2E	CNTRL CIRC TO AACD1A (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051I					Q	BCGL	E-338, 351-2	
27051J					Q	BCGD	E-338, 351-2	
27051K					Q	36702A	E-338, 351-2	
27051L			BCABDD2F	CNTRL CIRC TO AD103 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051M					Q	BCGL	E-338	
27051N					Q	BCGD	E-338	
27051P					Q	36704A	E-338, 351-2	
27051Q			BCABDD2G	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051R					Q	BCGL	E-338	
27051S					Q	BCGD	E-338	
27051T					Q	36718A	E-338, 351-2	
27051U			BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2	
27051V					Q	BCGD	E-338	
27051W					Q	BCGL	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
27051X	ESSPWR	D2	BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	P	BCGL	E-338			
27051Y					A	BCGL	E-338, 349-2			
27051Z					A	BCGL	E-349-2, 347			
27052A					DD	BCGL	E-356-4			
27052B					DD	BCPD	E-356-4			
27052C					DD	BCPC	E-356-4			
27052D					DD	BCP15D	E-356-8			
27052E					FF	BCP15D	E-353, 356-8			
27052F					BCABDD2I	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27052G							Q	BCGL	E-338, 351-2	
27052H							Q	BCGD	E-338, 351-2	
27052I					Q	36718A	E-338, 351-2			
27053A					BCAD2031A	BKR AMMETER AND TRIP AD110	Q	36731A	E-356-2	A
27053B							Q	BCGL	E-338	A
27053C							DF	BCGL	E-338, 349-2	A
27053D			A	BCGL			E-347-1	A		
27053E			DD	BCGL			E-356-1	A		
27053F			DD	BCPD			E-356-1	A		
27053G			DD	BCPC			E-356-4	A		
27053H			DD	BCP15D			E-356-8	A		
27053I			FF	BCP15D			E-356-8	A		
27023			BCAD2032A	SWGR D2 CONTROL CIRCUIT			FF	BCP15D	E-356-8	
27024					DD	BCP15D	E-356-8			
27025					DD	BCPC	E-356-4			
27026					DD	BCPD	E-356-4			
27027					DD	BCGL	E-356-4			
27028					A	BCGL	E-349-2			
27029					A	BCGL	E-349-2			
27030					P	BCGL	E-338			
27031					Q	BCGL	E-338			
27032					Q	36731A	E-338			
27033					BCAD2032B	SWGR D2 CONTROL CIRCUIT	Q	36480A	E-338	
27034							Q	BCGD	E-338	
27035	Q	36731A					E-338			
27036	Q	BCGL			E-338					
27037	BCAD2032C	SWGR D2 CONTROL CIRCUIT			J	36916A	E-338			
27038			J	36102C	E-338					
27039			J	BCGT	E-338					
27040	DUCT	36102B*	E-337							
27041	Q	36102	E-338							
27042	Q	BCGD	E-338							
27043	Q	36731A	E-338							
27044	Q	BCGL	E-338							
27052S	BCAD2033B	BKR AMMETER AND TRIP AD110	Q	36718A	E-351-2	A				
27052T			Q	BCGD	E-351-2	A				
27052U			Q	BCGD	E-338	A				
27052V	Q	BCGL	E-338	A						
27052W	Q	36731A	E-351-2	A						
27044A	BPDEN07A	125V DC CONTROL POWER TO SWGR D2	X	46841A	E-346					
27044B			X	46841A	E-338					
27044C			X	46840A	E-346					
27044D			Q	46840A	E-338					
27044E			Q	46840C	E-338					
27045	C3611	SWGR D2 CONTROL CABINET	Q		E-338					
27046	C3616	EDG2 ELECTRIC CONTROL & RELAY PANEL	J		E-338					
27052P			J		E-338					
27047	C5715	CNTRL RM STATION ELEC DISTRIBUTION PANEL	FF		E-353					
27052M			FF		E-353					
27050A	CABLEBUS	BACKFEED C1 CABLE TO ABDD2 (C1)	Q	CABL BUS	E-410					
27050B			OS	CABL BUS	E-410					
27050C			S	CABL BUS	E-410					
27048	D2	4.16KV ESSEN SWGR BUS D2 (CH. 2)	Q		E-338					
27052K	HAAC	BUS A BREAKER FOR XFMR XAC	S		E-338					
27052L	HBBD	BUS A BREAKER TO XFMR XBD	Q		E-338					
28504	D2N	2PD233A	DC MCC 2 TO 125VDC DIST PNL D2N	X	46770A	E-346				
28505				X	46770A	E-346				
27200	D2P	2CD2P10A	CONTROL POWER TO FW6460	X	46805A	E-346				
28500		2PD202A	DC MCC 2 TO 125VDC DIST PNL D2P	X	46751A	E-346				
27320		2PD2P05A	CONTROL POWER TO SWGR BUS D1 AD113	X	46828A	E-346				
27345		D2P	ESSENTIAL 125VDC DIST PANEL D2P (CH. 2)	X		E-346				
27401A	DAN	APD1N04A	125V DC CONTROL POWER TO DAN	Y	46619A	E-346				
27402		DAN	125VDC DIST PANEL DAN	Y		E-346				
26815	DAP	APD1P04A	125VDC CONTROL POWER TO DAP	Y	46618A	E-346				
27502		DAP	125VDC DIST PANEL DAP	Y		E-346				
27600	DBC1N	1PBE1235A	ES MCC E12A TO BATTERY CHARGER DEC1N	Y	46531A	E-346				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
27601	ESSPWR	DBC1N	BE1235	DBC1N CIRCUIT BREAKER (CH. 1)	Y		E-346				
27602			DBC1N	BATTERY CHARGER DBC1N (CH. 1)	Y		E-346				
27700		DBC1P	1PBE1233A	ES MCC E12A TO BATTERY CHARGER DBC1P	Y	46528A	E-346				
27701			DBC1P	BATTERY CHARGER DBC1P (CH. 1)	Y		E-346				
27800		DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	Y	36078A	E-346				
27801	S				36078A	E-338					
27802	R				36078A	E-338					
27803	P				36078A	E-338					
27804	A				36078A	E-349-2					
27805	U				36078A	E-349-3					
27806	G				36078A	E-335					
27807	G				BE1190	DBC1PN CIRCUIT BREAKER (CH. 1)		E-335			
27808	Y				DBC1PN	BATTERY CHARGER DBC1PN (CH. 1)		E-346			
27900					DBC2N	2PBF1212A	ES MCC F12A TO BATTERY CHARGER DBC2N	X	46730A	E-346	
27901		BF1212	DBC2N CIRCUIT BREAKER (CH. 2)	X			E-346				
27902		DBC2N	BATTERY CHARGER DBC2N (CH. 2)	X			E-346				
28000		DBC2P	2PBF1209A	ES MCC F12A TO BATTERY CHARGER DBC2P	X	46731A	E-346				
28001			DBC2P	BATTERY CHARGER DBC2P (CH. 2)	X		E-346				
28100		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	X	36206A	E-346				
28101	Q				36206A	E-338					
28102	R				36206A	E-338					
28103	P				36206A	E-338					
28104	A				36206A	E-349-2					
28105	U				36206A	E-349-3					
28106	G				36206A	E-335					
28107	G				BF1187	DBC2PN CIRCUIT BREAKER (CH. 2)		E-335			
28201A					DBN	BPD2N04A	125V DC CONTROL POWER TO DBN	X	46819A	E-346	
28322A						DBP	BPD2P04A	CONTROL POWER TO DBP	X	46818A	E-346
28401		DC MCC 1	1PD103A	BATTERY CHARGER DBC1P TO DC MCC 1	Y	46550A	E-346				
28402			1PD105A	BATTERY CHARGER DBC1PN TO DC MCC 1	Y	46555A	E-346				
28403			1PD121A	BATTERY CHARGER DBC1PN TO DC MCC 1	Y	46565A	E-346				
28406			1PD134A	BATTERY CHARGER DBC1N TO DC MCC 1	Y	46569A	E-346				
28408			DC MCC 1	250/125VDC ESSEN MCC 1 (CH. 1)	Y		E-346				
28501		DC MCC 2	2PD203A	BATTERY CHARGER DBC2P TO DC MCC 2	X	46750A	E-346				
28502			2PD205A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46755A	E-346				
28503			2PD221A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46765A	E-346				
28506			2PD234A	BATTERY CHARGER DBC2N TO DC MCC 2	X	46769A	E-346				
28508			DC MCC 2	250/125VDC ESSEN MCC 2 (CH. 2)	X		E-346				
28600	E1	1CAC11CED		AC1CE11 CONTROL CIRCUIT	FF	1CP15A	E-356-8				
28601					DD	1CP15A	E-356-8				
28602					DD	1CPL	E-356-1, 356-6				
28603					DD	27111C	E-356-1, 356-6				
28604					DD	27111B*	E-339, 344, 356				
28604A					II	27111B*	E-339, 344, 356				
28604B					CC	27111B*	E-339, 344, 356				
28605					II	27111A*	E-333, 339				
28605A					UU	27111A*	E-333, 339				
28605B					A	27111A*	E-333, 339				
28606					A	27111	E-335				
28607					A	1CEA	E-335				
28608					E	1CEA	E-335				
28609					DUCT	36080B*	E-337, 342				
28610					S	36080B	E-338				
28611					S	JB3607	E-338, 418				
28612					S	36080A	E-338, 418				
28613					S	1CGC	E-338, 418				
28614					S	36507A	E-338				
28615					S	1CGZ	E-338				
28616					Y	46630A	E-346	5 D			
28618					Y	36356A	E-346	5 D			
28619					S	36356A	E-338	5 D			
28620					S	1CGC	E-338	5 D			
28621					S	36507A	E-338	5 D			
28622					S	1CGZ	E-338	5 D			
28623					FF	1CP15A	E-356-8				
28624	DD	1CP15A	E-356-8								
28625	DD	1CPL	E-356-1, 356-6								
28626	DD	27111C	E-356-1, 356-6								
28627	DD	27111B*	E-339, 344, 356								

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
28627A	ESSPWR	E1	1CAC11CEF	AC1CE11 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
28627B					CC	27111B*	E-339, 344, 356	
28628					II	27111A*	E-333, 339	
28628A					UU	27111A*	E-339, 333	
28628B					A	27111A*	E-339, 333	
28629					A	27111	E-335	
28630					A	1CEA	E-335	
28631					E	1CEA	E-335	
28632					DUCT	36080B*	E-337, 342	
28633					S	36080B	E-338	
28634					S	JB3607	E-338, 418	
28635					S	36080A	E-338, 418	
28636					S	1CGC	E-338, 418	
28637					S	36507A	E-338	
28638			S	1CGZ	E-338			
28640			FF	1CP15A	E-356-8			
28641			DD	1CP15A	E-356-8			
28642			DD	1CPL	E-356-1, 356-6			
28643			DD	27111C	E-356-1, 356-6			
28644			DD	27111B*	E-339, 344, 356			
28644A			II	27111B*	E-339, 344, 356			
28644B			CC	27111B*	E-339, 344, 356			
28644C			II	27111A*	E-333, 339			
28644D			UU	27111A*	E-333, 339			
28644E			A	27111A*	E-333, 339			
28645			A	27111	E-335			
28646			A	1CEA	E-335			
28647			E	1CEA	E-335			
28648	DUCT	36080B*	E-337, 342					
28649	S	36080B	E-338					
28650	S	JB3607	E-338, 418					
28651	S	36080A	E-338, 418					
28652	S	1CGC	E-338, 418					
28653	S	36511A	E-338					
28654	S	1CGZ	E-338					
28655	Y	46625A	E-346	5 D				
28656	Y	1CKD	E-346	5 D				
28657	Y	36356A	E-346	5 D				
28658	Y	1CKA	E-346	5 D				
28659	S	1CGC	E-338	5 D				
28660	S	36356A	E-338	5 D				
28661	S	36511A	E-338	5 D				
28662	S	1CGZ	E-338	5 D				
28663	FF	1CP15A	E-356-8					
28664	DD	1CP15A	E-356-8					
28665	DD	1CPL	E-356-1, 356-6					
28666	DD	27111C	E-356-1, 356-6					
28667	DD	27111B*	E-339, 344, 356					
28667A	II	27111B*	E-339, 344, 356					
28667B	CC	27111B*	E-339, 344, 356					
28668	II	27111A*	E-333, 339					
28668A	UU	27111A*	E-333, 339					
28668B	A	27111A*	E-333, 339					
28669	A	27111	E-335					
28670	A	1CEA	E-335					
28671	E	1CEA	E-335					
28672	DUCT	36080B*	E-337, 342					
28673	S	36090B	E-338					
28674	S	JB3607	E-338, 418					
28675	S	36080A	E-338, 418					
28676	S	1CGC	E-338, 418					
28677	S	36511A	E-338					
28678	S	1CGZ	E-338					
28679	Y	46630A	E-346					
28680	Y	1CKA	E-346					
28681	Y	36356A	E-346					
28682	S	36356A	E-338					
28683	S	1CGC	E-338					
28684	S	36507A	E-338					
28685	S	1CGZ	E-338					
28686	FF	1CP15A	E-356-8					
28687	DD	1CP15A	E-356-8					
28688	DD	1CPL	E-356-6					
28689	DD	1CPR	E-356-6					
28690	DD	1CPM	E-356-6, 356-1					
28691	DD	46056A	E-356-6, 356-1					
28692	DD	46056B*	E-343, 344, 356-1					
28692A	A	46056B*	E-343, 344, 356-1					
28692B	DF	46056B*	E-343, 344, 355					

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
29104	ESSPWR	E11D	E11D	480VAC ESSEN MCC E11D (CH. 1)	G		E-335	
29200		E11E	1PBE1150A	BE1150 POWER CIRCUIT	DG	38156A	E-348	
29201					AB	38156A	E-348	
29202					AB	38156A	E-350, 351-5	
29203					V	38156A	E-350	
29204					V	JB3805	E-350	
29205					V	1CJS	E-350	
29206			E11E	480VAC ESSEN MCC E11E (CH. 1)	DG		E-348	
29300		E12A	1PBE106A	BE106 POWER CIRCUIT	Y	46503A	E-346	
29301			1PBE106B	BE106 POWER CIRCUIT	Y	46504A	E-346	
29302			1PBE106C	BE106 POWER CIRCUIT	Y	46505A	E-346	
29303			BE106	MCC E12A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29304			E12A	480VAC ESSEN MCC E12A (CH. 1)	Y		E-346	
29400		E12B	1PBE109A	BE109 POWER CIRCUIT	Y	36071A	E-346	
29400A					S	36071A	E-338	
29401			1PBE109B	BE109 POWER CIRCUIT	S	36071B	E-338	
29402					DUCT	36071B*	E-337, 341	
29403					K	36071C	E-338	
29404			BE109	MCC E12B FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29405			E12B	480VAC ESSEN MCC E12B (CH. 1)	K		E-338	
29500		E12C	1PBE1202A	BE1202 POWER CIRCUIT	BE	36058F	E-360, 361	
29501					BG	36058E (A)	E-360, 361	
29502					DUCT	36058D*	E-304, 360	
29503					MA	1PAM	E-304	
29504					DUCT	36058C*	E-304, 360	
29505					DUCT	36058B*	E-305, 307, 337	
29506					S	36058A	E-338	
29507					Y	36058A	E-346	
29508			BE1202	MCC E12C FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29509			E12C	480VAC ESSEN MCC E12C (CH. 1)	BE		E-361	
29520		E12D	1PBE1210A	480V AC MCC	BE	30493A	E-361	
29600		E12E	1PBE1234A	BE1234 POWER CIRCUIT	AB	18219A	E-332, 412	
29601					G	18219A	E-335	
29602					U	18219A	E-349-3	
29603					A	18219A (B)	E-349-2	
29604					A	46087A*	E-343	
29604A					A	46087A (B)	E-349-2	A
29604B					DF	46087A*	E-343	
29604C					P	46087A*	E-343	
29604D					R	46087A*	E-343	
29604E					Q	46087A*	E-343	
29604F					X	46087A*	E-343	
29604G					S	46087A*	E-343	
29605					Y	46087A*	E-343	
29606			1PBE1234B	BE1234 POWER CIRCUIT	Y	46087A	E-346	
29607					B	18210A	E-412	
29608			BE1234	MCC E12E FEEDER CIRCUIT BREAKER (CH. 1)	AB	18210A	E-412	
29609			E12E	480VAC ESSEN MCC E12E (CH. 1)	Y		E-346	
29610			JT1807	BE1234 TERMINAL BOX (CH. 1)	B		E-412	
29700		E12F	1PBE1273A	BE1273 POWER CIRCUIT	AB	18210A	E-412	
29701			BE1273	MCC E12F FEEDER CIRCUIT BREAKER (CH. 1)	K	36243A	E-338	
29702			E12F	480VAC ESSEN MCC E12F (CH. 1)	K		E-338	
29800		E14	1PBE110A	BE110 POWER CIRCUIT	K		E-338	
29801			BE110	MCC E14 FEEDER CIRCUIT BREAKER (CH. 1)	Y	46502A	E-346	
29802			E14	480VAC ESSEN MCC E14 (CH. 1)	Y		E-346	
29900		E15	1CBE105B	BE105 CONTROL CIRCUIT	Y	46521A	E-346	
29901					Y	46521A	E-346	
29902					Y	1CKA	E-346	
29903					Y	1CKD	E-346	
29904					Y	46629A	E-346	
29905			1PBE105A	BE105 POWER CIRCUIT	Y	46518A	E-346	
29906			BE105	MCC E15 FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29907			E15	480VAC ESSEN MCC E15 (CH. 1)	Y		E-346	
30000		E16A	1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	EE	46940A	E-413	
30001					II	46940A	E-413	
30002					Y	46940A	E-346-1	
30201					Y	46940A	E-346	4 A
30202					EE	46940A	E-413	4 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
30202A	BSSPWR	E16A	1PBEL18A	BE118 CIRCUIT BREAKER (CH 1)	II	46940A	E-413	4 A
30203					EE	46940A	E-413	4 A
30003			BE118	MCC E16A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
30004			E16A	480VAC ESSEN MCC E16A (CH. 1)	EE		E-413	
30100		E16B	1PBEL609A	BE1609 POWER CIRCUIT	DG	46940B	E-348	
30101					EE	46940B	E-417	
30102			BE1609	MCC E16B FEEDER CIRCUIT BREAKER (CH. 1)	EE		E-413	
30103			E16B	480VAC ESSEN MCC E16B (CH. 1)	DG		E-348	
30300		F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30301					DD	2CP15C	E-356-8	
30302					DD	2CPN	E-356-7	
30303					DD	2CPP	E-356-7	
30304					DD	2CEA	E-356-7	
30305					A	2CEA	E-335,349-2,347	
30306					A	2CEB	E-335	
30307					A	2CEC	E-335	
30308					F	2CEC	E-335	
30309					DUCT	36186B*	E-337, 342	
30310					Q	36186B	E-338	
30311					Q	JB3620	E-338, 418	
30312					Q	36186A	E-338, 418	
30313					Q	36711A	E-338	
30314					Q	2CGE	E-338	
30315			2CAD11DFE	AD1DF11 CONTROL CIRCUIT	X	46714A	E-338	5 D
30316					X	2CKL	E-346	5 D
30317					X	36728A	E-346	5 D
30318					Q	36728A	E-338	5 D
30319					Q	36711A	E-338	5 D
30320					Q	2CGE	E-338	5 D
30321			2CAD11DFD	AD1DF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30322					DD	2CP15C	E-356-8	
30323					DD	2CPN	E-356-7	
30324					DD	2CPP	E-356-7	
30325					DD	2CEA	E-356-7	
30326					A	2CEA	E-335,349-2,347	
30327					A	2CEB	E-335	
30328					A	2CEC	E-335	
30329					F	2CEC	E-335	
30330					DUCT	36186B*	E-337, 342	
30331					Q	36186B	E-338	
30332					Q	JB3620	E-338, 418	
30333					Q	36186A	E-338, 418	
30334					Q	36711A	E-338	
30335					Q	2CGE	E-338	
30336			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30337					DD	2CP15C	E-356-8	
30338					DD	2CPN	E-356-7	
30339					DD	2CPP	E-356-7	
30340					DD	2CEA	E-356-7	
30341					A	2CEA	E-335,349-2,347	
30342					A	2CEB	E-335	
30343					A	2CEC	E-335	
30344					F	2CEC	E-335	
30345					DUCT	36189B*	E-337, 342	
30346					Q	36189B	E-338	
30347					Q	JB3620	E-338, 418	
30348					Q	36189A	E-338, 418	
30349					Q	36707A	E-338	
30350					Q	2CGE	E-338	
30351			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	X	46718A	E-338	5 D
30352					X	2CKL	E-338	5 D
30353					X	36728A	E-338	5 D
30354					Q	36728A	E-338	5 D
30355					Q	36707A	E-338	5 D
30356					Q	2CGE	E-338	5 D
30357			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30358					DD	2CP15C	E-356-8	
30359					DD	2CPN	E-356-7	
30360					DD	2CPP	E-356-7	
30361					DD	2CEA	E-356-7	
30362					A	2CEA	E-335,349-2,347	
30363					A	2CEB	E-335	
30364					A	2CEC	E-335	
30365					F	2CEC	E-335	
30366					DUCT	36189B*	E-337, 342	
30367					Q	36189B	E-338	
30368					Q	JB3620	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
30369	ESSFWR	F1	2CAD12DF	AD1DF12 CONTROL CIRCUIT	Q	36189A	E-338, 418	
30370					Q	36707A	E-338	
30371					Q	2CGE	E-338	
30372			2CBDF11A	BDF11 CONTROL CIRCUIT	X	46714A	E-346	
30373					X	2CKL	E-346	
30374					X	36728A	E-346	
30375					Q	36728A	E-338	
30376					Q	36711A	E-338	
30377					Q	2CGE	E-338	
30378			2CBDF11B	BDF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30379					DD	2CP15C	E-356-8	
30380					DD	2CPN	E-356-6	
30381					DD	2CKL	E-356-6	
30382					DF	2CKL	E-346, 347	
30383					X	2CKL	E-346	
30384					X	46714A	E-346	
30385			2CBDF12A	BDF12 CONTROL CIRCUIT	X	46718A	E-346	
30386					X	2CKL	E-346	
30387					X	36728A	E-346	
30388					Q	36728A	E-338	
30389					Q	36707A	E-338	
30390					Q	2CGE	E-338	
30391			2CBDF12B	BDF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30392					DD	2CP15C	E-356-8	
30393					DD	2CPN	E-356-6	
30394					DD	2CKL	E-356-6	
30395					DF	2CKL	E-346, 347	
30396					X	2CKL	E-346	
30397					X	46718A	E-346	
30398			2PAD11DFA	AD1DF11 POWER CIRCUIT	X	36404A	E-346	
30399					Q	36404A	E-338	
30400			2PAD12DFA	AD1DF12 POWER CIRCUIT	X	36409A	E-346	
30401					Q	36409A	E-338	
30401A			2PD2P07A	CONTROL POWER TO UNIT SUB BUS F1	X	46827A	E-346	
30403A			4PD2N07A	CONTROL POWER TO UNIT SUB BUS F1	X	46830A	E-346	
30403B					X	46830A	E-346	
30402			AD1DF11	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
30403			AD1DF12	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
30404			BDF11	480V ESSEN SWGR BUS F1 BREAKER (CH. 2)	X		E-346	
30405			BDF12	480V ESSEN SWGR BUS F1 BREAKER (CH. 2)	FF		E-353	
30406			C5715	USS F1 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
30407			F1	480VAC ESSEN UNIT SUB F1 (CH. 2)	X		E-346	
30500		F11A	2PBF115A	BF115 POWER CIRCUIT	DF	46700A	E-346, 347	
30501					X	46700A	E-346	
30502			2PBF115B	BF115 POWER CIRCUIT	DF	46700B	E-346, 347	
30503					X	46700B	E-346	
30504			BF115	MCC F11A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
30505			F11A	480VAC ESSEN MCC F11A (CH. 2)	DF		E-346, 347	
30600		F11B	2PBF1137A	BF1137 POWER CIRCUIT	V	47007A	E-345	
30601					DF	47007A	E-344	
30602			BF1137	MCC F11B FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30603			F11B	480VAC ESSEN MCC F11B (CH. 2)	V		E-345	
30700		F11C	2PBF1143A	BF1143 POWER CIRCUIT	A	47021A	E-335	
30701					A	47021A	E-349-2	
30702					DF	47021A	E-347	
30703			BF1143	MCC F11C FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30704			F11C	480VAC ESSEN MCC F11C (CH. 2)	A		E-335	
30800		F11D	2PBF1146A	BF1146 POWER CIRCUIT	G	47200A	E-335	
30801					U	47200A	E-349-3	
30802					A	47200A	E-349-2	
30803					DF	47200A	E-347	
30804			BF1146	MCC F11D FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30805			F11D	480VAC ESSEN MCC F11D (CH. 2)	G		E-335	
30900		F11E	2PBF1189A	BF1189 POWER CIRCUIT	B	18215B	E-412	
30901					AB	18215B	E-332, 412	
30902					A	18215B	E-332	
30903					A	18215B	E-335	
30904					A	18215B	E-349-2	
30905					A	JB3713	E-349-2	
30906					A	18215A	E-349-2	
30907					DF	18215A	E-347	
30908			BF1189	MCC F11E FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30909			F11E	480VAC ESSEN MCC F11E (CH. 2)	B		E-412	
31000		F12A	2PBF114A	BF114 POWER CIRCUIT	X	46703A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
31001	ESSPWR	F12A	2PBF114B	BF114 POWER CIRCUIT	X	46704A	E-346			
31002			BF114	MCC F12A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346			
31003			F12A	480VAC ESSEN MCC F12A (CH. 2)	X		E-346			
31100	F12B	F12B	2PBF107A	BF107 POWER CIRCUIT	J	46094C	E-338			
31101			J	46094B*	E-337, 343					
31101A			X	46094B*	E-337, 343					
31101B			Q	46094B*	E-337, 343					
31101C			X	46094B*	E-337, 343					
31102			X	46094A	E-346					
31103			BF107	MCC F12B FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346			
31104			F12B	480VAC ESSEN MCC F12B (CH. 2)	J		E-338			
31200			F12C	F12C	2PBF1202A	BF1202 POWER CIRCUIT	BF	36158F	E-360, 361	
31201					BG	36158E	E-360, 361			
31202	DUCT	36158D*			E-304, 360					
31203	MA	2PAM			E-304					
31204	DUCT	36158C*			E-307, 305					
31205	DUCT	36158B*			E-337, 341					
31206	Q	36158A			E-338					
31207	X	36158A			E-346					
31208	BF1202	MCC F12C FEEDER CIRCUIT BREAKER (CH. 2)			X		E-361			
31209	F12C	480VAC ESSEN MCC F12C (CH. 2)			BF		E-361			
31300	F12D	F12D	2PBF1278A	BF1278 POWER CIRCUIT	BF	30492A	E-361			
31301			BF1278	MCC F12D FEEDER CIRCUIT BREAKER (CH. 2)	BF		E-361			
31302			F12D	480VAC ESSEN MCC F12D (CH. 2)	BF		E-361			
31400	F14	F14	2PBF110A	BF110 POWER CIRCUIT	X	46705A	E-346			
31401			BF110	MCC F14 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346			
31402			F14	480VAC ESSEN MCC F14 (CH. 2)	X		E-346			
31500	F15	F15	2CBF105B	BF105 CONTROL CIRCUIT	Y	46072A	E-346			
31501			DF	46072B	E-346, 347					
31502			DF	2CKM	E-346, 347					
31503			X	2CKM	E-346					
31504			X	46892A	E-346					
31505			X	46715A	E-346					
31506			X	2CKL	E-346					
31507			2PBF105A	BF105 POWER CIRCUIT	X	46746A	E-346			
31508			BF105	MCC F15 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346			
31509			F15	480VAC ESSEN MCC F15 (CH. 2)	X		E-346			
31510	F16A	F16A	2PBF118A	BF118A CIRCUIT BREAKER (CH 2)	X	46941A	E-343	4 A		
31511			X	46941A	E-343	4 A				
31512			X	46941A	E-343	4 A				
31656	F7	F7	AD2DF7	480VAC SWGB BUS F7 FDR CIRCUIT BREAKER	Q		E-337			
31663			Q		E-337					
31603			BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351			
31604			Q	BCGK	E-338					
31605			P	BCGK	E-338					
31606			A	BCGK	E-338, 349-2					
31607			A	BCGK	E-349-2					
31608			A	BCGL	E-349-2, 356-4					
31609			DD	BCPD	E-356-4					
31610			DD	BCPC	E-356-4					
31611			DD	BCP15D	E-356-8					
31612			FF	BCP15D	E-356-8					
31613			BCAD2DF7E	AD2DF7 CONTROL CIRCUIT	Q	36435A	E-351			
31614			Q	BCGL	E-338					
31615			Q	BCGD	E-338					
31616			Q	BCGN	E-338					
31617			P	BCGN	E-338					
31618			P	BCVL	E-338					
31619			II	BCVL	E-338, 313					
31620			II	BCVB	E-313, 314					
31621			II	34301A	E-314					
31622			BCAD2DF7F	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351			
31623			Q	BCGK	E-338					
31624			P	BCGK	E-338					
31625			A	BCGK	E-338, 349-2					
31626			A	BCGK	E-349-2					
31627			A	BCGL	E-349-2, 356-4					
31628			DD	BCPD	E-356-4					
31629			DD	BCPC	E-356-4					
31630			DD	BCP15D	E-356-8					
31631	FF	BCP15D	E-356-8							
31640	BCBDF7A	BDF7 CONTROL CIRCUIT	Q	36435A	E-351					

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31641	ESSPWR	F7	BCBDF7A	BDF7 CONTROL CIRCUIT	Q	BCGL	E-338	
31642					Q	BCGD	E-338	
31643					Q	BCGN	E-338	
31644					P	BCGN	E-338	
31645					II	BCVL	E-338	
31646					II	BCVB	E-313, 314	
31647					II	34301A	E-314	
31648			BCBDF7B	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
31649					II	BCVB	E-314	
31650					II	BCVK	E-314, 349-1, 308	
31651					II	BCWF	E-318	
31652					DD	BCPR	E-356-4	
31653					DD	BCPC	E-356-4	
31654					DD	BCP15D	E-356-8	
31655					FF	BCP15D	E-353	
31632			BCBF7A	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
31633					II	BCVB	E-314	
31634					II	BCVK	E-314, 349-1	
31635					II	BCWF	E-318	
31636					DD	BCPR	E-356-4	
31637					DD	BCPC	E-356-4	
31638					DD	BCP15D	E-356-8	
31639					FF	BCP15D	E-338	
31664			BDF7	480VAC SWGR BUS F7 FDR CIRCUIT BREAKER	II		E-314	
31670N			BF7	BUS F7	II		E-314	
31659			BF702	F7 CONTROL PANEL (CH B)	II		E-314	
31600			BPAD2DF7A	4.16KV FD BRKR TO UNIT SUB F7 POWER	II	36434A	E-314	
31601					S	36434A	E-338	
31602					Q	36434A	E-349	
31670A			BPDBN11A	DC CONT PWR TO F7 FOR MDFP AUX LO PUMP	X	46798A	E-346, 346-1	
31670B					X	46798A	E-346-1	
31670C					X	46797B*	E-346-1	
31670D					II	46797B*	E-346-1	
31670E					II	JB4680	E-346-1	
31670F					II	46797C	E-314, 349-1	
31670G			BPDBP11A	ALT DC CNTRL TO F7 FOR MDFP AUX LO PUMP	X	46798A	E-346, 346-1	
31670H					X	JB4679	E-346	
31670I					X	46797B*	E-346	
31670J					II	46797B*	E-346	
31670K					II	JB4680	E-346	
31670L					II	46797C	E-346	
31658			C5715	F7 CONTROL PANEL (CH B)	FF		E-353	
31662					FF		E-353	
31670M			DBN	125 VDC DISTRIBUTION PANEL	X		E-346	
31670P			DBP	125 VDC DISTRIBUTION PANEL	X		E-346	
31660			F7	480VAC UNIT SUBSTATION	II		E-314	
31657			XDF7	480VAC USS F7 XFMR	II		E-314	
31702	F71		BF707	MCC F7 CIRCUIT BREAKER (CH B)	II		E-314	
31700			BPBF707A	POWER FEEDER TO F71	II	34128A	E-314	
31701			F71	480VAC MCC	II		E-314	
32714	RC1761		BCYBU41A	CONTROL POWER TO WC1747	X	46270A	E-346	
32715					X	BCKQ	E-346	
32716					DF	BCKQ	E-346, 347	
32717					DD	BCKQ	E-356, 356-4	
32718					DD	BCPC	E-356-4	
32719					DD	BCPR	E-356-4	
32720					DD	BCPE	E-356-4	
32721					DD	BCEQ	E-356-4	
32722					CC	BCEQ	E-351-4, 347	
32723					U	BCEQ	E-351-4, 349-3	
32724					G	BCEQ	E-351-4, 335	
32725					G	BCDR	E-351-4, 335	
32726					A	BCDR	E-351-4, 332	
32727					A	BCDS	E-351-4, 332	
32728					A	BCDT	E-351-4, 332	
32729					A	17705A	E-351-4, 332	
26610	RC3601		1CD1P21A	CONTROL POWER TO RC3701	A	37800A	E-349-2	
26611					A	37805A	E-349-2	
26612					V	37805A	E-349-3	
26613					V	1CJL	E-349-3	
26614					U	1CJL	E-349-3	
26615					CC	1CJL	E-347	
26616					DD	1CJL	E-356-6	
26617					DD	1CPL	E-356-1, 356-6	
26618					DD	46053A	E-356-1, 356-6	
26619					DD	46053B*	E-343, 344, 356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
26620	ESSPWR	RC3601	1CD1P21A	CONTROL POWER TO RC3701	A	46053B*	E-343,344,356-1			
26621					DF	46053B*	E-343,344,356-1			
26622					X	46053B*	E-343,344,356-1			
26623					Y	46053B*	E-343,344,356-1			
26624					Y	1CKD	E-346			
26625					Y	46615A	E-346			
26626					Y	1CKA	E-346			
26627					1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26628					CC		27122A	E-347		
26629					UU		27122A	E-349-1		
26630					A		37800A	E-349-1		
26631					A		37805A	E-349-2		
26632			V	37805A	E-349-3					
26633			V	1CJL	E-349-3					
26634			U	1CJL	E-349-3					
26635			DD	1CJL	E-356-6					
26636			DD	1CPL	E-356-1, 356-6					
26637			DD	27122A	E-356-1, 356-6					
26638			A	27122A	E-335					
26639			A	1CEB	E-335					
26640			E	1CEB	E-335					
26641			DUCT	36082B*	E-337, 342					
26642			S	36082B	E-338					
26643			S	JB3607	E-338, 418					
26644			S	36090A	E-338, 418					
26645			S	36320B	E-338					
26646			S	1CGC	E-338					
26647			G	27710A	E-335					
26648			G	BE11D	E-335					
26649			G	27502A	E-335					
26650			G	1CDB	E-335					
26651			U	1CDB	E-349-3					
26652			U	37072A	E-349-3					
26653			U	1CJL	E-349-3					
26654			V	1CJL	E-349-3					
26655			V	37805C	E-349-3					
26656	A	37805C	E-349-2							
26657	1CD1P21D	CONTROL POWER TO RC3607	S	36209A	E-338					
26658	S		1CGZ	E-338						
26659	S		36320B	E-338						
26660	S		1CGC	E-338						
27347	RC3602	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2				
27347A				A	37806A	E-349-2				
27347B				A	37806A	E-349-2				
27347C				A	2CEA	E-349-2				
27347D				DD	2CEA	E-356-7				
27347E				DD	2CLA	E-356-7				
27347F				DD	2CPR	E-356-7				
27347G				DD	2CKM	E-356-7				
27347H				DF	2CKM	E-346, 347				
27347I				X	2CKM	E-346				
27347J				X	46805A	E-346				
27347K				2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2		
27347L			P	36810A		E-338				
27347M			R	36810A		E-338				
27347N			Q	36810A		E-338				
27347O			Q	36413B		E-338				
27347P			Q	2CGE		E-338				
27347Q			2CD2P21C	CONTROL POWER TO RC3608 (CCW 002)	Q	36201A	E-338			
27347R			Q		36413B	E-338				
27347S			Q		2CGE	E-338				
26725			RC3607	1CD1P21A	CONTROL POWER TO RC3601	A	37800A	E-349-2		
26726						A	37805A	E-349-2		
26727						V	37805A	E-349-3		
26728						V	1CJL	E-349-3		
26729	U	1CJL				E-349-3				
26730	CC	1CJL				E-347				
26731	DD	1CJL				E-356-6				
26732	DD	1CPL				E-356-1, 356-6				
26733	DD	46053A				E-356-1, 356-6				
26734	DD	46053B*				E-343,344,356-1				
26734A	A	46053B*				E-343,344,356-1				
26734B	DF	46053B*				E-343,344,356-1				
26734C	X	46053B*				E-343,344,356-1				
26734D	Y	46053B*				E-343,344,356-1				
26735	Y	1CKD				E-346				
26736	Y	46615A				E-346				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
26737	ESSPWR	RC3607	1CD1P21A	CONTROL POWER TO RC3601	Y	1CKA	E-346			
26738			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347			
26739						CC	27122A	E-347		
26740						UU	27122A	E-349-1		
26741						A	37800A	E-349-2		
26742						A	37805A	E-349-2		
26743						V	37805A	E-349-3		
26744						V	1CJL	E-349-3		
26745						U	1CJL	E-349-3		
26746						DD	1CJL	E-356-6		
26747						DD	1CPL	E-356-1, 356-6		
26748						DD	27122A	E-356-1, 356-6		
26749						A	27122A	E-335		
26750						A	1CEB	E-335		
26751						E	1CEB	E-335		
26752						DUCT	36082B*	E-337, 342		
26753						S	36082B	E-338		
26754						S	JB3607	E-338, 418		
26755						S	36090A	E-338, 418		
26756						S	36320B	E-338		
26757						S	1CGC	E-338		
26758					1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26759							G	BE11D	E-335	
26760							G	27502A	E-335	
26761							G	1CDB	E-335	
26762							U	1CDB	E-349-3	
26763							U	37072A	E-349-3	
26764					U	1CJL	E-349-3			
26765					V	1CJL	E-349-3			
26766					V	37805C	E-349-3			
26767					A	37805C	E-349-2			
26768			1CD1P21D	CONTROL POWER TO RC3607 (CCW001)	S	36209A	E-338			
26769					S	1CGZ	E-338			
26770					S	36320B	E-338			
26771					S	1CGC	E-338			
27278	RC3608	RC3608	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2			
27279						A	37806A	E-349-2		
27280						A	37806A	E-349-2		
27281						A	2CEA	E-349-2		
27282						DD	2CRA	E-356-7		
27283						DD	2CLA	E-356-7		
27284						DD	2CPR	E-356-7		
27285						DD	2CKM	E-356-7		
27286						DF	2CKM	E-346, 347		
27287						X	2CKM	E-346		
27288						X	46805A	E-346		
27289					2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2	
27290							P	36810A	E-338	
27291							R	36810A	E-338	
27292							Q	36810A	E-338	
27293							Q	36413B	E-338	
27294							Q	2CGE	E-338	
27295					2CD2P21C	CONTROL POWER TO RC3608 (CCW002)	Q	36210A	E-338	
27296					Q	36413B	E-338			
27297					Q	2CGE	E-338			
26910	RC3701	RC3701	1CD1P21A	CONTROL POWER TO RC3701	A	37800A	E-349-2			
26911						A	37805A	E-349-2		
26912						V	37805A	E-349-3		
26913						V	1CJL	E-349-3		
26914						U	1CJL	E-349-3		
26915						CC	1CJL	E-347		
26916						DD	1CJL	E-356-6		
26917						DD	1CPL	E-356-1, 356-6		
26918						DD	46053A	E-356-1, 356-6		
26919						DD	46053B*	E-343, 344, 356-1		
26920						A	46053B*	E-343, 344, 356-1		
26921						DF	46053B*	E-343, 344, 356-1		
26922						X	46053B*	E-343, 344, 356-1		
26923						Y	46053B*	E-346		
26924						Y	1CKD	E-346		
26925						Y	46615A	E-346		
26926						Y	1CKA	E-346		
26927					1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26928					CC	27122A	E-347			
26929					UU	27122A	E-349-1			
26930					A	37800A	E-349-2			
26931					A	37805A	E-349-2			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
26932	BSSPWR	RC3701	1CD1P21B	CONTROL POWER TO RC3601	V	37805A	E-349-3	
26933					V	1GJL	E-349-3	
26934					U	1CJL	E-349-3	
26935					DD	1CJL	E-356-6	
26936					DD	1CPL	E-356-1, 356-6	
26937					DD	27122A	E-356-1, 356-6	
26938					A	27122A	E-335	
26939					A	1CEB	E-335	
26940					E	1CEB	E-335	
26941					DUCT	36082B*	E-337, 342	
26942					S	36082B*	E-338	
26943					S	JB3607	E-338, 418	
26944					S	36090A	E-338, 418	
26945					S	36320B	E-338	
26946					S	1CGC	E-338	
26947					G	27710A	E-335	
26948					G	BEL1D	E-335	
26949					G	27502A	E-335	
26950					G	1CDB	E-335	
26951					U	1CDB	E-349-3	
26952					U	37072A	E-349-3	
26953					U	1CJL	E-349-3	
26954					V	1CJL	E-349-3	
26955					V	37805C	E-349-3	
26956					A	37805C	E-349-2	
26957					S	36209A	E-338	
26958	S	1CGZ	E-338					
26959	S	36320B	E-338					
26960	S	1CGC	E-338					
27130	RC3702	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2		
27131				A	37806A	E-349-2		
27132				A	37806A	E-349-2		
27133				A	2CEA	E-349-2		
27134				DD	2CEA	E-356-7		
27135				DD	2CLA	E-356-7		
27136				DD	2CPR	E-356-7		
27137				DD	2CKM	E-356-7		
27138				DF	2CKM	E-346, 347		
27139				X	2CKM	E-346		
27140				X	46805A	E-346		
27141				A	36810A	E-349-2		
27142				P	36810A	E-338		
27143				R	36810A	E-338		
27144	Q	36810A	E-338					
27145	Q	36413B	E-338					
27146	Q	2CGE	E-338					
27147	Q	36201A	E-338					
27148	Q	36413B	E-338					
27149	Q	2CGE	E-338					
32174	RC3705	2CY216A	CONTROL POWER TO RC3705 (LR3758)	A	37607A	E-349-2		
32175				A	EV1338	E-349-2		
32176				A	47328A	E-349-2		
32177				DF	47328A	E-347		
32178				DF	2CLA	E-347		
32179				DD	2CLA	E-356-7		
32180				DD	2CPR	E-356-7		
32181				DD	2CKL	E-356-7		
32182				DF	2CKL	E-346, 347		
32183				X	2CKL	E-346		
32184				X	46824A	E-346		
32185				A	37055A	E-349-2		
32186				A	27046A	E-335		
32187				A	2CEH	E-335		
32188				A	2CEH	E-335		
32189				A	2CEG	E-335		
32190				A	2CED	E-349-2		
32191				A	37611B	E-349-2		
32192	A	37611B	E-349-2					
26771A	RC3706	RC3706	RELAY CABINET NON SSD LOADS	V		E-350		
31910	RC3715	ACDAP28A	CONTROL POWER (WC1453)	Y	ACKG	E-346, 346-1		
31911				Y	ACKG	E-346, 346-1		
31912				Y	46666A	E-346		
31913				Y	ACKE	E-346, 346-1		
31914				II	ACKE	E-346, 346-1		
31915				II	46200A	E-346		

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
31916	ESSPWR	RC3715	ACDAP28A	CONTROL POWER (WC1453)	II	ACGH	E-338					
31917					P	ACGH	E-338					
31918					A	ACGH	E-338, 349-2					
31919					U	ACGH	E-349-3					
31920					U	38230A	E-349-3					
31921					U	38230A	E-349-3					
31922					U	ACGH	E-349-3					
31923					U	37720A	E-349-3					
31924					U	ACEN	E-349-3, 351-4					
31925			G	ACEN	E-349-3, 351-4							
31926			G	27850A	E-335							
31927			G	ACFB	E-335							
31928			G	ACDA	E-335							
31929			A	ACDA	E-335, 351-4							
31930			A	ACDD	E-335							
31931			A	17359A	E-335							
26970			RC3716	RC3716	BCYBU43A		X	46272A	E-346			
26971							X	BCKP	E-346			
26972							X	46851A	E-346			
26973	Q	46851A					E-338					
26974	Q	BCGD					E-338					
26975	Q	BCGL					E-338					
26976	P	BCGL					E-338					
26977	P	36852A					E-338					
26978	P	BCGM					E-338					
26979	A	BCGM					E-338, 349-2					
26980	A	BCHK					E-349-2					
26981	A	BCJD			E-349-2							
26982	A	37482B			E-349-2							
26985	A	37482B			E-349-2							
26986	A	BCJD			E-349-2							
26987	A	BCHD			E-349-2							
26989	U	BCHD			E-349-3							
26990	U	37699A			E-349-3							
26991	U				E-349-3							
26983	A				E-349-2							
26984	X	YBU			E-346							
26605	RC4606	RC4606	2PD2N17A	CONTROL POWER TO RC4606 (PORV)	X	46287A	FSK-E-112-1	2 A				
27211			2PD2P12A	CONTROL POWER TO RC4606 (SV4610A,SV4632)	X	46749B	E-346					
27212					X	JB4614	E-346					
27213					X	46749A	E-346					
26815A	RC4801	RC4801	1PD1P12A	DC CONT POWER TO RC4801 (MUSV6407)	DG	46796B	E-348					
26815B					EE	46796B	E-413, 414, 417					
26815C					EE	46796A	E-413					
26815D					Y	46796A	E-346-1					
26815E					Y	JB4615	E-346-1					
26815F					Y	46752A	E-346-1					
27403	RC4802	RC4802	APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	Y	46346C	E-346-1					
27403A					Y	JB4608	E-346-1					
27403B					Y	46346B	E-346-1					
27403C					EE	46346B	E-413, 414, 417					
27403D					V	46346B	E-348					
27403E					V	JB4813	E-348					
27403F					V	48430A	E-348					
31705D					XAC01	XAC01	AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-410	
31705F	C2	BUS C2	S				E-410					
31705A	CABLEBUS	BACKFEED D1 POWER CABLE FROM AACD1	Q	CABL BUS			E-410					
31705B			S	CABL BUS			E-410					
31705C			OS	CABL BUS			E-410					
31705E			XAC01	XFMR XAC	OS		E-410					
31993	Y1	Y1	1PBE1616A	ALT PWR CONST VOLTAGE TRNSFRMR XY1(CH 1)	Y	56313A	E-346	4 A				
31994					II	56313A	E-413	4 A				
31995					EE	56313A	E-413	4 A				
26793					Y	Field	E-346					
31996					Y	56313B	E-343	4 A				
33200					Y	46653A	E-346					
31999A					XY1	ESSEN POWER TO Y1/Y1A	Y		E-346			
31999					Y1	ESSEN 120VAC INST DIST PNL Y1 (CH. 1)	Y		E-346			
32059					Y1A	Y1A	1PYV1B	INVERTER YV1 TO DISP PANEL Y1A	Y	46939B	E-346-1	
32060							Y1A	ESSEN DIST PANEL Y1A (CH. 1)	Y		E-346-1	
32192A	Y2	Y2	2PBP1624A	ALT PWR VIA CNSINT VLTG XFMR XY2 (CH 2)	X	46277A	E-346	4 A				

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27318	ESSPWR	Y2	2PD2P03A	POWER TO INV YV2 (INTERNAL)	X	Field	E-346	
32192B			2PXV2A	ALT PWR VIA STATIC/MAN SW TO Y2	X	46277C	E-346	4 A
32210A			2PXV2B	ALT PWR FEED FROM XY2	X	46277B	E-346	4 A
33300			2FV2A	INVERTER YV2 TO INST DIST PNL Y2	X	46799A	E-346	
32201A			XY2	ESSEN POWER TO Y2/Y2A	X		E-346	
32201			Y2	ESSEN 120VAC INST DIST PNL Y2 (CH. 2)	X		E-346	
32338		Y2A	2PVV2B	INVERTER YV2 TO DIST PANEL Y2A	X	46938B	E-346-1	
32339			Y2A	ESSEN DIST PANEL Y2A (CH. 2)	X		E-346-1	
32408		Y3	1PBE1617A	ALT PWR VIA CNSTNT VLTG XFMR XY3 (CH 3)	EE	56312A	E-413	4 A
32409					II	56312A	E-413	4 A
32410					Y	56312A	E-346	4 A
32411					Y	56312A	E-346	4 A
26500			3PD1N03A	POWER TO INV YV3 (INTERNAL)	Y	Field	E-346	
32413			3PXV3A	ALT PWR VIA STATIC/MANUAL SWITCH	Y	56312B	E-346	4 A
33400			3FV3A	INVERTER YV3 TO INST DIST PNL Y3	Y	46925A	E-346	
32700A			XY3	ESSEN POWER TO Y3	Y		E-346	
32415			Y3	ESSEN 120VAC INST DIST PNL Y3 (CH. 3)	Y		E-346	
32700		Y3602	BPYBU05A	CONTROL POWER T Y3602 (MU32, MU19)	II	46906A	E-338	
32700A					S	46906A	E-338	
32701					Q	46906A	E-338	
32702					X	46906A	E-346	
32516B		Y4	2PBF1625A	CONSTANT VOLTAGE TRANSFORMER XY4 (CH 4)	X	46278A	E-346	4 A
32516D					X	46278A	E-346	4 A
27100			4PD2N03A	POWER TO INV YV4 (INVERTER)	X	Field	E-346	
32516C			4PXV4A	ALT PWR VIA STATIC/MANUAL SWITCH	X	46278B	E-346	4 A
33500			4FV4A	INVERTER YV4 TO INST DIST PNL Y4	X	46846A	E-346	
32516A			XY4	ESSEN POWER TO Y4	X		E-346	
32516			Y4	ESSEN 120VAC INST DIST PNL Y4 (CH. 4)	X		E-346	
28407		YAU	APD116A	DC MCC 1 TO INVERTER YVA	Y	46556A	E-346	
32615A			APYVAA	BACKFEED TO YAU - CH A INST BUS	Y	46128A	E-346	
32610			YAU	120 VAC UNINTERRUPTABLE INST DIST PANEL	Y		E-346	
32615C					Y		E-346	
32615B			YVA	INVERTER YVA	Y		E-346	
28507		YBU	BPD216A	DC MCC 2 TO INVERTER YVB (DBP)	X	46756A	E-346	
33700			BPYVBA	INVERTER YVB TO INST DIST PNL YBU	X	46785A	E-346	
32713			YBU	120VAC DISTRIBUTION PANEL (CH. B)	X		E-346	
32800		YE1	1PBE1259A	BE1259 POWER CIRCUIT	K	36926A	E-338	
32801			YE1	240/120VAC MCC YE1 (CH. 1)	K		E-338	
32900		YE2	1PBE1180B	BE1180 POWER CIRCUIT	V	38094A	E-350	
32901			1PBE1180C	BE1180 POWER CIRCUIT	V	38094B	E-350	
32902			XYE2A	480/240VAC XFMR XVE2A (CH. 1)	V		E-350	
32903			YE2	240/120VAC MCC YE2 (CH. 1)	V		E-350	
33000		YF1	2PBF1270A	BF1270 POWER CIRCUIT	J	36865A	E-338	
33001			YF1	240/120VAC MCC YF1 (CH. 2)	J		E-338	
33100		YF2	2PBF1101B	BF1101 POWER CIRCUIT	DF	47095A	E-347	
33101			2PBF1101C	BF1101 POWER CIRCUIT	DF	47095B	E-347	
33102			XYF2A	480/240VAC XFMR XYF2A (CH. 2)	DF		E-347	
33103			YF2	240/120VAC MCC YF2 (CH. 2)	DF		E-347	
33201		YV1	YV1	INVERTER YV1 (CH. 1)	Y		E-346	
33301		YV2	YV2	INVERTER YV2 (CH. 2)	X		E-346	
33401		YV3	YV3	INVERTER YV3 (CH. 3)	Y		E-346	
33501		YV4	YV4	INVERTER YV4 (CH. 4)	X		E-346	
33600		YVA	APYVAA	INVERTER YVA TO INST DIST PNL YAU	Y	46128A	E-346	
33601			YVA	INVERTER YVA	Y		E-346	
33610C					Y		E-346	
33701		YVB	YVB	INVERTER YVA	X		E-346	
33710C					X		E-346	
27214		ZC6451	2CD2P13A	CONTROL POWER TO FW6451	X	46805A	E-346	
27215					X	2CKM	E-346	
27216					DF	2CKM	E-346, 347	
27217					DD	2CKM	E-356	
27218					DD	2CPR	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP			
27219	ESSPWR	ZC6451	2CD2P13A	CONTROL POWER TO FW6451	DD	2CKN	E-356				
27220					DD	2CED	E-356-7				
27221					A	2CEG	E-356				
27222					A	2CEF	E-335				
27223					A	27319A	E-335				
27224					A	JB2717	E-335				
27225					A	27318B	E-335				
27226					F	JB2718	E-335				
27227					F	27318C	E-335				
27228					F	2CEB	E-335				
27229					F	27887A	E-335				
26817					ZC6452	1CD1P13A	CONTROL POWER TO AF6452	Y	36258A	E-346	
26818								S	36258A	E-346	
26819								S	JB3607	E-338	
26821	DUCT	36090B*	E-338								
26822	E	1CEC	E-335								
26823	E	27892A	E-335								
26824	E	27892D	E-335								
26515	ZC6459	1CD1N16A	CONTROL POWER TO AF6459	Y	46388A	E-346					
26516				Y	46388A	E-346					
26517				Y	1CKA	E-346					
26518				Y	36357D	E-346					
26519				S	1CGC	E-338					
26520				S	36090A	E-338, 418					
26521				S	JB3607	E-338					
26522				S	36090B	E-338					
26523				DUCT	36090B*	E-342					
26524				E	1CEC	E-335					
26525				E	24223C	E-308					
26526				II	24223C	E-308					
27200R				ZC6460	2CD2P10A	CONTROL POWER TO FW6460	X	46805A	E-346	A	
27201	X	2CKM	E-346								
27202	DF	2CKM	E-346, 347								
27203	DD	2CKM	E-356								
27204	DD	2CPR	E-356-7								
27205	DD	2CKN	E-356								
27206	DD	2CED	E-356-7								
27207	A	2CEG	E-356								
27208	A	2CEF	E-335								
27209	A	24142A	E-308								
27210	II	24142A	E-335								
27200	D2P	ESSENTIAL 125VDC DIST PANEL D2P	E-346								
33800	HPIS	HP02A	2CBF1139B				MVHP02A CONTROL CIRCUIT	A	27432A	E-335	
33801				A	27448A	E-335, 418					
33802				A	2CEH	E-335					
33803				2CBF1139C	MVHP02A CONTROL CIRCUIT	A		27256A	E-335		
33804				2CBF1139D	MVHP02A CONTROL CIRCUIT	A		Nipple	E-335		
33805				2CBF1139E	MVHP02A CONTROL CIRCUIT	A		27707A	E-335		
33806				A	27436A	E-335, 418					
33807				A	2CEH	E-335					
33808				2CBF1139F	MVHP02A CONTROL CIRCUIT	FF		2CP16C	E-356-8		
33809				DD	2CP16C	E-356-8					
33810				DD	2CPN	E-356-7					
33811				DD	2CED	E-356-7					
33812				A	2CEG	E-335, 349-2, 347					
33813				A	27704A	E-335					
33814				A	2CEH	E-335					
33815				2CBF1139G	MVHP02A CONTROL CIRCUIT	FF		2CP56C	E-424		
33816				DD	2CP56C	E-424					
33817				DD	2CPN	E-356-7					
33818				DD	2CED	E-356-7					
33819				A	2CED	E-356-7					
33820				A	2CEG	E-335, 349-2, 347					
33821				A	27448A	E-335					
33822				A	2CEH	E-335					
33823				2PBF1139A	MVHP02A POWER CIRCUIT	A		27431A	E-335		
33824				BF1139	MVHP02A CIRCUIT BREAKER (CH. 2)	A			E-335		
33825				C5756C	MVHP02A CONTROL ROOM PANEL (CH. 2)	FF			E-353		
33826				CDP-11C	MVHP02A DISCONNECT SWITCH (CH. 2)	A			E-335		
33827	EVHP02A	MVHP02A TERMINAL BOX (CH. 2)	A		E-335						
33828	MVHP02A	HPI LINE 2-1 DISCH ISO VLV (CH. 2)	A		E-335						
33829	NVHP02A	MVHP02A LOCAL CONTROLLER (CH. 2)	A		E-335						
33900	HP02B	2CBF1141B	MVHP02B CONTROL CIRCUIT	A	27430A	E-335					
33901				A	27448A	E-335					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
33902	HPIS	HP02B	2CBF1141B	MVHP02B CONTROL CIRCUIT	A	2CEH	E-335	
33903			2CBF1141C	MVHP02B CONTROL CIRCUIT	A	27255A	E-335	
33904			2CBF1141D	MVHP02B CONTROL CIRCUIT	A	Nipple	E-335	
33905			2CBF1141E	MVHP02B CONTROL CIRCUIT	A	27706A	E-335	
33906					A	27447A	E-335	
33907					A	2CEH	E-335	
33908			2CBF1141F	MVHP02B CONTROL CIRCUIT	FF	2CP16C	E-356-8	
33909					DD	2CP16C	E-356-8	
33910					DD	2CPN	E-356-7	
33911					DD	2CED	E-356-7	
33912					A	2CED	E-356-7	
33913					A	2CEG	E-347, 356-7	
33914					A	27704A	E-335	
33915					A	2CEH	E-335	
33916			2CBF1141G	MVHP02B CONTROL CIRCUIT	FF	2CP56C	E-424	
33917					DD	2CP56C	E-424	
33918					DD	2CPN	E-356-7	
33919					DD	2CED	E-356-7	
33920					A	2CED	E-356-7	
33921					A	2CEG	E-347, 356-7	
33922					A	27448A	E-335	
33923					A	2CEH	E-335	
33924			2PBF1141A	MVHP02B POWER CIRCUIT	A	27429A	E-335	
33925			BP1141	MVHP02B CIRCUIT BREAKER (CH. 2)	A		E-335	
33926			C5756C	MVHP02B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
33927			CDF-11C	MVHP02B DISCONNECT SWITCH (CH. 2)	A		E-335	
33928			EVHP02B	MVHP02B TERMINAL BOX (CH. 2)	A		E-335	
33929			MVHP02B	HPI LINE 2-2 DISCH ISO VLV (CH. 2)	A		E-335	
33930			NVHP02B	MVHP02B LOCAL CONTROLLER (CH. 2)	A		E-335	
34000		HP02C	1CBE1103B	MVHP02C CONTROL CIRCUIT	G	28032A	E-334	
34001					AB	28032B	E-336	
34002			1CBE1103C	MVHP02C CONTROL CIRCUIT	AB	28204A	E-336	
34003			1CBE1103D	MVHP02C CONTROL CIRCUIT	AB	Nipple	E-336	
34004			1CBE1103E	MVHP02C CONTROL CIRCUIT	V	1CJM	E-350	
34005					V	38552A	E-350	
34006					V	1CFF	E-350	
34007					G	1CFF	E-336	
34008					G	28335A	E-336	
34009			1CBE1103F	MVHP02C CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34010					DD	1CP16A	E-356-8	
34011					DD	1CPL	E-356-6	
34012					DD	1CJL	E-356-6	
34013					CC	1CJL	E-347	
34014					U	1CJL	E-349-3	
34015					V	1CJL	E-350	
34016					V	38550A	E-350	
34017			1CBE1103G	MVHP02C CONTROL CIRCUIT	FF	1CP63C	E-424	
34018					DD	1CP63C	E-424	
34019					DD	1CPL	E-356-6	
34020					DD	1CJM	E-356-6	
34021					CC	1CJM	E-347	
34022					U	1CJM	E-349-3	
34023					V	1CJM	E-349-3	
34024					V	1CFF	E-349-3	
34025					G	1CFF	E-336	
34026					G	28334A	E-336	
34027			1PBEL103A	MVHP02C POWER CIRCUIT	G	28031A	E-334	
34028					AB	28031B	E-336	
34029			BE1103	MVHP02C CIRCUIT BREAKER (CH. 1)	G		E-336	
34029A			C5716	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34030			C5763C	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34031			CDB-11A	MVHP02C DISCONNECT SWITCH (CH. 1)	V		E-350	
34032			EVHP02C	MVHP02C TERMINAL BOX (CH. 1)	AB		E-336	
34033			MVHP02C	HPI LINE 1-1 DISCH ISO VLV (CH. 1)	AB		E-336	
34034			NVHP02C	MVHP02C LOCAL CONTROLLER (CH. 1)	AB		E-336	
34100		HP02D	1CBE1105B	MVHP02D CONTROL CIRCUIT	G	28024A	E-334	
34101					AB	28024B	E-336	
34102			1CBE1105C	MVHP02D CONTROL CIRCUIT	AB	28208A	E-336	
34103			1CBE1105D	MVHP02D CONTROL CIRCUIT	AB	Nipple	E-336	
34104			1CBE1105E	MVHP02D CONTROL CIRCUIT	V	1CJM	E-350	
34105					V	38552A	E-350	
34106					V	1CFF	E-350	
34107					G	1CFF	E-335	
34108					G	28335A	E-335	
34109			1CBE1105F	MVHP02D CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34110					DD	1CP16A	E-356-8	
34111					DD	1CPL	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
34112	HP1S	HP02D	1CBE1105F	MVHP02D CONTROL CIRCUIT	DD	1CJL	E-356-6					
34113					CC	1CJL	E-347					
34114					U	1CJL	E-349-3					
34115					V	1CJL	E-350					
34116					V	38550A	E-350					
34117					1CBE1105G	MVHP02D CONTROL CIRCUIT	FF	1CP63C	E-424			
34118							DD	1CP63C	E-424			
34119							DD	1CPL	E-356-6			
34120							DD	1CJM	E-356-6			
34121							CC	1CJM	E-347			
34122							U	1CJM	E-349-3			
34123							V	1CJM	E-349-3, 350			
34124			V	1CFF			E-349-3					
34125			G	1CFF			E-336					
34126			G	28334A			E-336					
34127			G	28023A			E-334					
34128			AB	28023B			E-336					
34129			G		E-336							
34129A			C5763C	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353					
34130			C5763C	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353					
34131			CDE-11A	MVHP02D DISCONNECT SWITCH (CH. 1)	V		E-350					
34132			EVHP02D	MVHP02D TERMINAL BOX (CH. 1)	AB		E-336					
34133			MVHP02D	HPI LINE 1-2 DISCH ISO VLV (CH. 1)	AB		E-336					
34134			NVHP02D	MVHP02D LOCAL CONTROLLER (CH. 1)	AB		E-336					
34200			HP31		2CBF1194B	MVHP31 CONTROL CIRCUIT	A	17626A	E-332			
34201							A	18226B	E-332			
34202							A	18226A	E-332			
34203							AB	18226A	E-412, 332			
34204							B	18226A	E-412			
34205							2CBF1194D	MVHP31 CONTROL CIRCUIT	G	27703B	E-335, 418	
34206									G	JB2729	E-335	
34207									G	18227A	E-335	
34208									AB	18227A	E-412, 332	
34209									B	18227A	E-412	
34210	A	Nipple							E-332			
34211	FF	2CP16C							E-356-8			
34212	DD	2CP16C			E-356-8							
34213	DD	2CPN			E-356-7							
34214	DD	2CEV			E-356-7							
34215	CC	2CEV			E-347							
34216	U	2CEV			E-349-3							
34217	G	2CEV			E-335, 351-4							
34218	G	27703A			E-335, 351-4							
34219	G	JB2729			E-335							
34220	G	27703B			E-335, 418							
34220A	2CBF1194G	MVHP31 CONTROL CIRCUIT			A	18424A	E-332					
34220B					AB	18424A	E-332, 412					
34220C					B	18424A	E-412					
34221					2PBF1194A	MVHP31 POWER CIRCUIT	A	18225B	E-332			
34222							A	18225A	E-332			
34223							AB	18225A	E-412, 332			
34224							B	18225A	E-412			
34225							B		E-412			
34226							G		E-335, 418			
34227							EVHP31	MVHP31 TERMINAL BOX (CH. 2)	A		E-332	
34228							MVHP31	HPI PUMP 1-2 RECIRC ISO VLV (CH. 2)	A		E-332	
34229							NVHP31	MVHP31 LOCAL CONTROLLER (CH. 2)	A		E-332	
34300	HP32						1CBE1286B	MVHP32 CONTROL CIRCUIT	AB	18234A	E-412	
34301			B	18231A					E-412			
34302			AB	18231A					E-412			
34303			V	38071B	E-350							
34304			V	1CJM	E-350							
34305			V	1CFF	E-350							
34306			G	1CFF	E-336							
34307			AB	18232B	E-336							
34308			G	18232B	E-336							
34309			AB	18232B	E-412							
34310			AB	18232A	E-412							
34311			B	18232A	E-412							
34312			1CBE1286E	MVHP32 CONTROL CIRCUIT	AB	Nipple	E-412					
34313					FF	1CP16A	E-356-8					
34314					DD	1CP16A	E-356-8					
34315					DD	1CPL	E-356-6					
34316					DD	1CJM	E-356-6					
34317					CC	1CJM	E-347					
34318					U	1CJM	E-349-3					
34319					V	1CJM	E-350, 349-3					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
34320	HPIS	HP32	1CBEL286F	MVHP32 CONTROL CIRCUIT	V	38071B	E-350, 349-3				
34321			1PBEL286A	MVHP32 POWER CIRCUIT	AB	18230A	E-412				
34322						B	18230A	E-412			
34323					BE1286	MVHP32 CIRCUIT BREAKER (CH. 1)	B		E-412		
34323A					C5716	MVHP32 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
34324					CDY-E2	MVHP32 DISCONNECT SWITCH (CH. 1)	V		E-350		
34325					EVHP32	MVHP32 TERMINAL BOX (CH. 1)	AB		E-412		
34326					MVHP32	HPI PUMP 1-1 RECIRC ISO VLV (CH. 1)	AB		E-412		
34327					NVHP32	MVHP32 LOCAL CONTROLLER (CH. 1)	AB		E-412		
34400			P197-1		1CBEL296B	MP1971 CONTROL CIRCUIT	B	18360A	E-412		
34401							AB	18360A	E-412		
34403						1CBEL296C	MP1971 CONTROL CIRCUIT	S	36521A	E-338	
34404								S	1CGZ	E-338	
34405						S	36090A	E-338, 418			
34406						S	1CGC	E-338, 418			
34407						S	JB3607	E-338, 418			
34408						S	36084B	E-338			
34409						DUCT	36084B*	E-337			
34410						E	1CEC	E-335			
34411						A	1CEC	E-335			
34412						A	27115	E-335			
34413						A	27115A*	E-333, 339			
34413A						II	27115A*	E-333, 339			
34413B						UU	27115A*	E-333, 339			
34414						CC	27115B*	E-339, 344, 356			
34414A						II	27115B*	E-339, 344, 356			
34414B						DD	27115B*	E-339, 344, 356			
34414C						DD	1CPL	E-356-6			
34415						DD	27115C	E-356-1			
34416						DD	1CJM	E-356-1			
34417						CC	1CJM	E-347			
34418						U	1CJM	E-349-3			
34419						V	1CJM	E-349-3, 350			
34420						V	1CFF	E-350			
34421						G	1CFF	E-336			
34422						G	18362A	E-336			
34423						B	18362A	E-412			
34424						AB	18362B	E-412			
34425					1PBEL296A	MP1971 POWER CIRCUIT	B	18361A	E-412		
34426						AB	18361A	E-412			
34427					AC111	MP1971 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338		
34428					BE1296	MP1971 CIRCUIT BREAKER (CH. 1)	B		E-412		
34429			MP1971	HPI PUMP 1-1 AC LUBE OIL PUMP (CH. 1)	AB		E-412				
34430			NP1971	MP1971 LOCAL CONTROLLER (CH. 1)	AB		E-412				
34500	P197-2		1CD106B	MP1972 CONTROL CIRCUIT	Y	46281A	E-346				
34501					Y	1CKA	E-346				
34502						Y	46058B*	E-343, 344, 356-1			
34502A						X	46058B*	E-343, 344, 356-1			
34502B						DF	46058B*	E-343, 344, 355			
34502C						A	46058B*	E-343, 344, 355			
34502D						DD	46058B*	E-343, 344, 355			
34503						DD	46058A	E-356-1, 356-6			
34504						DD	1CPM	E-356-1, 356-6			
34505						DD	1CPT	E-356-6			
34506						DD	1CPL	E-356-6			
34507						DD	1CJM	E-356-6			
34508						CC	1CJM	E-347			
34509						U	1CJM	E-349-3			
34510						V	1CJM	E-350, 349-3			
34511						V	1CFF	E-350			
34512						G	1CFF	E-336			
34513						G	18362A	E-336			
34514						AB	18362E	E-412			
34515						AB	18362C	E-412			
34516						AB	18362A	E-412			
34517					1CD106C	MP1972 CONTROL CIRCUIT	S	36521A	E-338		
34518						S	1CGZ	E-338			
34519						S	1CGC	E-338			
34520						S	36356B	E-338			
34521						Y	36356B	E-346			
34522						Y	46281A	E-346			
34523						Y	1CKA	E-346			
34524					1CD106D	MP1972 CONTROL CIRCUIT	Y	46281A	E-346		
34525						Y	1CKA	E-346			
34526						Y	46058B*	E-343, 344, 356-1			
34526A						X	46058B*	E-343, 344, 356-1			
34526B						DF	46058B*	E-343, 344, 355			

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34526C	HPIS	P197-2	1CD106D	MP1972 CONTROL CIRCUIT	A	46058B*	E-343,344,355	
34526D					DD	46058B*	E-343,344,355	
34527					DD	46058A	E-356-1, 356-6	
34528					DD	1CPM	E-356-1, 356-6	
34529					DD	1CPT	E-356-6	
34530					DD	1CPL	E-356-6	
34531					DD	1CJM	E-356-6	
34532					CC	1CJM	E-347	
34533					U	1CJM	E-349-3	
34534					V	1CJM	E-350	
34535					V	1CPF	E-350	
34536					G	1CPF	E-336	
34537					G	18362A	E-336	
34538					AB	18362D	E-412	
34539					AB	18362C	E-412	
34540					AB	18362A	E-412	
34541			1PD106A	MP1972 POWER CIRCUIT	A	47060D	E-332	
34542					AB	47060D	E-332, 412	
34543					A	47060C*	E-339, 333,330	
34543A					A	47060C*	E-330,333,339	
34543B					II	47060C*	E-330,333,339	
34543C					A	47060C*	E-330,333,339	
34544					II	47060B*	E-344, 339	
34544A					DF	47060B*	E-339, 344	
34545					DF	47060A*	E-339	
34546					DF	46068B	E-343, 344	
34546A					X	46068B	E-343,344	
34546B					II	46068B	E-343,344	
34546C					Y	46068B	E-343,344	
34547					Y	JB4640	E-346	
34548					Y	46068C	E-346	
34549			AC111	MP1972 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
34550			D106	MP1972 MCC D1 CUBICLE (CH. 1)	Y		E-346	
34551			FPDS4957	MP1972 PRESSURE SWITCH (CH. 1)	AB		E-412	
34552			MP1972	HPI PUMP 1-1 DC LUBE OIL PUMP (CH. 1)	AB		E-412	
34553			NP1972	MP1972 LOCAL CONTROLLER (CH. 1)	AB		E-412	
34600	P198-1		2CBF1231B	MP1981 CONTROL CIRCUIT	X	46325A	E-346	
34601					X	2CKM	E-346	
34602					DD	2CKM	E-356-7	
34603					DD	2CPR	E-356-7	
34604					DD	2CKN	E-356-7	
34605					A	2CED	E-356-7	
34606					A	17750A	E-332,335,349-2	
34607					A	2CEG	E-332,335,349-2	
34608					A	JB1738	E-332	
34609					A	Nipple	E-332	
34610			2CBF1231C	MP1981 CONTROL CIRCUIT	X	46325A	E-346	
34611					X	2CKM	E-346	
34612					X	46892D	E-346	
34613					X	2CKL	E-346	
34614					X	46345A	E-346	
34615					Q	46345A	E-338	
34616					Q	36721A	E-338	
34617					Q	2CGE	E-338	
34618			2PBF1231A	MP1981 POWER CIRCUIT	X	47062A	E-346	
34618A					DF	47062A	E-346,347	
34619					DF	47062B*	E-344	
34619A					II	47062B*	E-339, 344	
34620					II	47062C*	E-330, 333, 339	
34620A					A	47062C*	E-333,333,339	
34620B					A	47062C*	E-333,333,339	
34620C					A	47062C*	E-333,333,339	
34621					A	47062D	E-332	
34622			2PBF1231D	MP1981 POWER CIRCUIT	A	47062E	E-332	
34623			AD111	MP1981 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
34624			BF1231	MP1981 CIRCUIT BREAKER (CH. 2)	X		E-346	
34625			JT1715	MP1981 TERMINAL BOX (CH. 2)	A		E-332	
34626			MP1981	HPI PUMP 1-2 AC LUBE OIL PUMP (CH. 2)	A		E-332	
34627			NP1981	MP1981 LOCAL CONTROLLER (CH. 2)	A		E-332	
34700	P198-2		2CD206B	MP1982 CONTROL CIRCUIT	X	46283A	E-346	
34701					X	2CKM	E-346	
34702					DD	2CKM	E-356-7	
34703					DD	2CPR	E-356-7	
34704					DD	2CKN	E-356-7	
34705					A	2CED	E-356-7	
34706					A	2CEG	E-332,335,349-2	
34707					A	17750A	E-332,335,349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID NO.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
34708	HPI5	P198-2	2CD206B	MP1982 CONTROL CIRCUIT	A	JB1738	E-332			
34709					A	Nipple	E-332			
34710					X	46283A	E-346			
34711					X	2CKM	E-346			
34712					X	46892D	E-346			
34713					X	2CKL	E-346			
34714					X	46345A	E-346			
34715					Q	46345A	E-338			
34716					Q	36721A	E-338			
34717					Q	2CGE	E-338			
34718					X	46283A	E-346			
34719					X	2CKM	E-346			
34720					DD	2CKM	E-356-7			
34721			DD	2CPR	E-356-7					
34722			DD	2CKN	E-356-7					
34723			A	2CED	E-356-7					
34724			A	17750A	E-332,335,349-2					
34725			A	2CEG	E-332,335,349-2					
34726			A	JB1738	E-332					
34727			A	17750B	E-332					
34728			X	47061A	E-346					
34729			DF	47061A	E-346					
34730			DF	47061B*	E-339, 344					
34730A			II	47061B*	E-339, 344					
34731			II	47061C*	E-330, 333, 339					
34731A			A	47061C*	E-330,333,339					
34731B			A	47061C*	E-330,333,339					
34731C			A	47061C*	E-330,333,339					
34732			A	47061D	E-332					
34733			AD111	MP1982 CIRCUIT BREAKER (INTLK) (CH. 2)	Q	E-338				
34734			D206	MP1982 MCC D2 CUBICLE (CH. 2)	X	E-346				
34735			FPDS4961	MP1982 PRESSURE SWITCH (CH. 2)	A	E-332				
34736			MP1982	HPI PUMP 1-2 DC LUBE OIL PUMP (CH. 2)	A	E-332				
34737			NP1982	MP1982 LOCAL CONTROLLER (CH. 2)	A	E-332				
34800			P58-1	F58-1	1CAC111B	MP0581 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34801							DD	1CP16A	E-356-8	
34802							DD	1CPL	E-356-1	
34803							DD	27123A	E-356-1	
34804							A	27123A	E-335	
34805							A	1CEB	E-335	
34806							E	1CEB	E-335	
34807							DUCT	36091B*	E-337, 342	
34808							S	36091B	E-338	
34809							S	JB3607	E-338	
34809A							S	36091A	E-338	A
34810							S	1CGC	E-338	
34812							S	36521A	E-338, 351-1	
34813	S	1CGZ					E-338			
34814	FF	1CP16A					E-356-8			
34815	DD	1CP16A					E-356-8			
34816	DD	1CPL					E-356-6			
34817	DD	27123A			E-356-6					
34818	A	27123A			E-335					
34819	A	1CEB			E-335					
34821	E	1CEB			E-335					
34822	DUCT	36091B*			E-337, 342					
34823	S	36091B			E-338					
34824	S	JB3607			E-338					
34825	S	36091A			E-338					
34826	S	1CGC			E-338					
34827	S	36521A			E-338, 351-1					
34828	S	1CGZ			E-338					
34829	1CAC111E	MP0581 CONTROL CIRCUIT			AB	36006E	E-412			
34830	AB				36006D	E-412				
34831	AB				36006C*	E-330, 331				
34831A	A				36006C*	E-330, 331				
34832	A				36006B (A)	E-331, 332				
34833	DUCT				36006A*	E-337				
34834	S				36006	E-338				
34835	S				36521A	E-338, 351-1				
34836	S				1CGZ	E-338				
34837	FF				1CP63C	E-424				
34838	DD				1CP63C	E-424				
34839	DD	1CPL			E-356-1, 356-6					
34840	DD	27123A			E-356-1, 356-6					
34841	A	27123A			E-335					
34842	A	1CEB			E-335					
34843	E	1CEB			E-335					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
34844	HPIS	P58-1	1CAC111F	MP0581 CONTROL CIRCUIT	E	36091B	E-335, 342				
34845					DUCT	36091B*	E-337				
34846					S	JB3607	E-338				
34847					S	1CGC	E-338				
34849					S	36091A	E-338, 351-1				
34850					S	36521A	E-338, 351-1				
34851					S	1CGZ	E-338				
34852					1PAC111A	MP0581 POWER CIRCUIT	AB	36007D	E-412		
34853					AB		36007C*	E-330, 331			
34853A					A		36007C*	E-330, 331			
34854					A		36007B (A)	E-332			
34854A					DUCT		36007A*	E-337			
34855					S		36007A	E-337			
34856					AC111		MP0581 CIRCUIT BREAKER (CH. 1)	S		E-338	
34856A					C5716		MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34857					C5763C		MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34858					MP0581		HPI PUMP 1-1 (CH. 1)	AB		E-412	
34859	NP0581	MP0581 LOCAL CONTROLLER (CH. 1)	AB		E-412						
34900	P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	FF	2CP16C		E-356-8				
34901				DD	2CP16C		E-356-8				
34902				DD	2CPN		E-356-7				
34903				DD	2CPP		E-356-7				
34904				DD	2CEA		E-356-7				
34905				A	2CEA		E-335, 349-2				
34906				A	2CEB	E-335					
34907				A	2CEC	E-335					
34908				F	2CEC	E-335					
34909				DUCT	36189B*	E-337, 342					
34910				Q	36189B	E-338					
34911				Q	JB3620	E-338, 418					
34912				Q	36189A	E-338, 418					
34913				Q	36721A	E-338, 351-2					
34914				Q	2CGE	E-338					
34915				2CAD111C	MP0582 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
34916				DD		2CP16C	E-356-8				
34917				DD		2CPN	E-356-7				
34918				DD		2CPP	E-356-7				
34919				DD		2CEA	E-356-7				
34920				A		2CEA	E-335, 349-2				
34921				A		2CEB	E-335				
34922				A		2CEC	E-335				
34923				F		2CEC	E-335				
34924				DUCT		36189B*	E-337, 342				
34925				Q		36189B	E-338				
34926				Q		JB3620	E-338, 418				
34927				Q		36189A	E-338, 418				
34928				Q		36721A	E-338, 351-2				
34929				Q		2CGE	E-338				
34930				2CAD111E	MP0582 CONTROL CIRCUIT	A	36106C*	E-330			
34931				A		36106B	E-332				
34932				DUCT		36106A*	E-337				
34933	Q	36106	E-338								
34934	Q	36721A	E-338, 351-2								
34935	Q	2CGE	E-338								
34936	A	36106D	E-332								
34937	A	36106E	E-332								
34938	2CAD111F	MP0582 CONTROL CIRCUIT	A	2CEA		E-335, 349-2					
34939	A		2CEB	E-335							
34940	FF		2CP56C	E-424							
34941	DD		2CP56C	E-424							
34942	DD		2CPN	E-356-7							
34943	DD		2CPP	E-356-7							
34944	DD		2CEA	E-356-7							
34945	A		2CEC	E-335							
34946	F		2CEC	E-335							
34947	DUCT		36189B*	E-337, 342							
34948	Q		36189B	E-338							
34949	Q		JB3620	E-338, 418							
34950	Q		36189A	E-338, 418							
34951	Q		36721A	E-338, 351-2							
34952	Q		2CGE	E-338							
34953	2PAD111A	MP0582 POWER CIRCUIT	DUCT	36107A*	E-337						
34954	A		36107B	E-332							
34955	A		36107C*	E-330							
34956	Q		36107A*	E-337							
34957	A		36107D	E-332							
34958	AD111		MP0582 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338					
34959	C5756C		MP0582 CONTROL ROOM PANEL (CH. 2)	FF		E-353					

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34960	HPIS	P58-2	MP0582	HPI PUMP 1-2 (CH. 2)	A		E-332	
34961			NP0582	MP0582 LOCAL CONTROLLER (CH. 2)	A		E-332	
37019	HVAC	C100	ACBE1203B	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BE	30843A	E-361	
37020					BD	30843A	E-361	
37021					BD	JB3053	E-361	
37022					BD	30843F	E-361	
37015			APBE1203A	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BE	30842E	E-361	
37016					BD	30842E	E-361	
37017					BD	JB3051	E-361	
37018					BD	30842D	E-361	
37023			BE12D	MC0100 CIRCUIT BREAKER	BE		E-361	
37025			BSW100	DISCONNECT SWITCH FOR C100	BD		E-361	
37024			NC0100	MC0100 LOCAL CONTROLLER	BD		E-361	
35001		C133	2CBF1204B	MC0133 CONTROL CIRCUIT	X	46732B	E-346	
35002					X	46732A	E-346	
35003					X	46729A	E-346	
35004					X	2CKM	E-346	
35005			2CBF1204C	MC0133 CONTROL CIRCUIT	X	46732C	E-346	
35006					X	46732A	E-346	
35007					X	46729A	E-346	
35008					X	2CKM	E-346	
35000			2PBF1204A	MC0133 POWER CIRCUIT	EE	46726A	E-346	
35009					X	46726A	E-413	
35010					EE	JB5640	E-413	
35011					EE	46726B	E-413	
35012					X	46726B	E-413	
35013			BF1204	MC0133 CIRCUIT BREAKER (CH. 2)	X		E-346	
35014			FTSS315	MC0133 TEMPERATURE SWITCH (CH. 2)	X		E-346	
35015			MC0133	LOW VOLTAGE SWGR RM VENT FAN 1-2 (CH. 2)	X		E-413	
35016			NC0133	MC0133 LOCAL CONTROLLER (CH. 2)	X		E-346	
35100		C25-1	1CBE1255B	MC0251 CONTROL CIRCUIT	K	36970C	E-338	
35101					K	36970A	E-338	
35102					K	36958A	E-338	
35103					K	1CGP	E-338	
35104			1CBE1255C	MC0251 CONTROL CIRCUIT	K	36960A	E-338	
35105					K	36958A	E-338	
35106					K	1CGP	E-338	
35107			1CBE1255D	MC0251 CONTROL CIRCUIT	K	36975A	E-338	
35108					K	36958A	E-338	
35109					K	1CGP	E-338	
35110			1PBE1255A	MC0251 POWER CIRCUIT	K	36956A	E-338	
35111			BE1255	MC0251 CIRCUIT BREAKER (CH. 1)	K		E-338	
35112			C3621	MC0251 ENGINE CTRL PANEL (CH. 1)	K		E-338	
35113			MC0251	EDG RM 1 VENTILATION FAN 1 (CH. 1)	K		E-338	
35114			NC0251	MC0251 LOCAL CONTROLLER (CH. 1)	K		E-338	
35115			RC3605	MC0251 RELAY CABINET (CH. 1)	K		E-338	
35200		C25-2	1CBE1256B	MC0252 CONTROL CIRCUIT	K	36970B	E-338	
35201					K	36970A	E-338	
35202					K	36958A	E-338	
35203					K	1CGP	E-338	
35204			1CBE1256C	MC0252 CONTROL CIRCUIT	K	36960A	E-338	
35205					K	36958A	E-338	
35206					K	1CGP	E-338	
35207			1CBE1256D	MC0252 CONTROL CIRCUIT	K	36975A	E-338	
35208					K	36958A	E-338	
35209					K	1CGP	E-338	
35210			1PBE1256A	MC0252 POWER CIRCUIT	K	36957A	E-338	
35211			BE1256	MC0252 CIRCUIT BREAKER (CH. 1)	K		E-338	
35212			C3621	MC0252 ENGINE CTRL PNL (CH. 1)	K		E-338	
35213			MC0252	EDG RM 1 VENTILATION FAN 2 (CH. 1)	K		E-338	
35214			NC0252	MC0252 LOCAL CONTROLLER (CH. 1)	K		E-338	
35215			RC3605	MC0252 RELAY CABINET (CH. 1)	K		E-338	
35300		C25-3	2CBF1255B	MC0253 CONTROL CIRCUIT	J	36925C	E-338	
35301					J	36925A	E-338	
35302					J	36900A	E-338	
35303					J	2CGS	E-338	
35304			2CBF1255C	MC0253 CONTROL CIRCUIT	J	36915A	E-338	
35305					J	36900A	E-338	
35306					J	2CGS	E-338	
35307			2CBF1255D	MC0253 CONTROL CIRCUIT	J	36909A	E-338	
35308					J	36900A	E-338	
35309					J	2CGS	E-338	
35310			2PBF1255A	MC0253 POWER CIRCUIT	J	36902A	E-338	
35311			BF1255	MC0253 CIRCUIT BREAKER (CH. 2)	J		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
35312	HVAC	C25-3	C3622	MC0253 ENGINE CTRL PANEL (CH. 2)	J		E-338				
35313			MC0253	EDG RM 2 VENTILATION FAN 3 (CH. 2)	J		E-338				
35314			NC0253	MC0253 LOCAL CONTROLLER (CH. 2)	J		E-338				
35315			RC3606	MC0253 RELAY CABINET (CH. 2)	J		E-338				
35400	C25-4	2CBF1256B	MC0254	CONTROL CIRCUIT	J	36925B	E-338				
35401					J	36925A	E-338				
35402					J	36900A	E-338				
35403					J	2CGS	E-338				
35404					J	36915A	E-338				
35405		J	36900A	E-338							
35406		J	2CGS	E-338							
35407		2CBF1256D	MC0254	CONTROL CIRCUIT	J	36909A	E-338				
35408					J	36900A	E-338				
35409					J	2CGS	E-338				
35410					J	36901A	E-338				
35411					J		E-338				
35412		2PBF1256A	MC0254	POWER CIRCUIT	J		E-338				
35413					BF1256	MC0254 CIRCUIT BREAKER (CH. 2)	J		E-338		
35414					C3622	MC0254 ENGINE CTRL PANEL (CH. 2)	J		E-338		
35415	MC0254				EDG RM 2 VENTILATION FAN 4 (CH. 2)	J		E-338			
35416	NC0254				MC0254 LOCAL CONTROLLER (CH. 2)	J		E-338			
35417	RC3606	MC0254 RELAY CABINET (CH. 2)	J		E-338						
36000	C71-1	1CBE1217B	MC0711	CONTROL CIRCUIT	Y	46549B	E-346				
36001					Y	46549A	E-346				
36002					Y	46542A	E-346				
36003					Y	1CKA	E-346				
36004					1CBE1217C	MC0711	CONTROL CIRCUIT	Y	46549C	E-346	
36005								Y	46549A	E-346	
36006								Y	46542A	E-346	
36007								Y	1CKA	E-346	
36008								AB	38132A	E-350	
36009					AB	1CJP	E-350				
36010		V	1CJP	E-350							
36011		V	1CJM	E-349-3, 350							
36012		U	1CJM	E-349-3							
36013		U	37525A	E-349-3							
36014		U	1CDB	E-349-3							
36015		G	1CDB	E-335							
36016		G	27142A	E-335							
36017		A	27142A	E-335							
36018		A	1CEB	E-335							
36019		E	1CEB	E-335							
36020		DUCT	36079B*	E-337, 342							
36021		S	36079B	E-338							
36022		S	JB3607	E-338, 418							
36023		S	36079A	E-338, 418							
36024		S	1CGC	E-338							
36025		S	36357A	E-338							
36026		Y	36357A	E-346							
36027		Y	46542A	E-346							
36028		Y	1CKA	E-346							
36029		Y	46535A	E-346							
36030	Y		E-346								
36031	1PBEL1217A	MC0711	POWER CIRCUIT	Y		E-346					
36032	BE1217	MC0711	CIRCUIT BREAKER (CH. 1)	Y		E-346					
36033	FTSS318	MC0711	TEMPERATURE SWITCH (CH. 1)	Y		E-346					
36034	MC0711	LOW VOLTAGE SWGR RM VENT FAN 1-1 (CH. 1)	Y		E-346						
36035	NC0711	MC0711	LOCAL CONTROLLER (CH. 1)	Y		E-346					
36036	RC3801	MC0711	RELAY CABINET (CH. 1)	AB		E-350					
36100	C73-1	1CBE1222B	MC0731	CONTROL CIRCUIT	E	27309F	E-335				
36101					E	1CEX	E-335				
36102					E	27300A	E-335				
36103					E	JB2708	E-335				
36104					E	1CEA	E-335				
36105					E	27300B	E-335				
36106					DUCT	36083B*	E-337, 342				
36107					S	36083B	E-338				
36108					S	JB3607	E-338, 418				
36109					S	36083A	E-338, 418				
36110		S	1CGC	E-338							
36111		S	36356A	E-338							
36112		Y	36356A	E-346							
36113		Y	46540A	E-346							
36114		Y	1CKA	E-346							
36115		1CBE1222C	MC0731	CONTROL CIRCUIT	E	27300C	E-335				
36116					E	1CEA	E-335				
36117					DUCT	36083B*	E-337, 342				
36118					S	36083B	E-338				
36119					S	JB3607	E-338, 418				
36120	S	36083A	E-338, 418								

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
36121	HVAC	C73-1	1CBE1222C	MC0731 CONTROL CIRCUIT	S	1CGC	E-338			
36122					S	36356A	E-338			
36123					Y	36356A	E-346			
36124					Y	46540A	E-346			
36125					Y	1CKA	E-346			
36126					1PBE1222A	MC0731 POWER CIRCUIT	E	27295A	E-335	
36127							E	JB2754	E-335	
36128							E	36092C	E-335	
36129							E	JB2764	E-335	
36130							E	36092B	E-335	
36131							DUCT	36092B*	E-337, 342	
36132							S	36092B	E-338	
36133							S	JB3607	E-338, 418	
36134							S	36092A	E-338, 351-1	
36135							Y	36092A	E-351-1	
36136		Y	JB4601	E-346						
36137		Y	46532A	E-346						
36138		Y		E-346						
36139		FTS5135	MC0731 TEMPERATURE SWITCH (CH. 1)	E				E-335		
36140		MC0731	AUX FD PUMP RM VENT FAN 1-1 (CH. 1)	E				E-335		
36141		NC0731	MC0731 LOCAL CONTROLLER (CH. 1)	E		E-335				
36200		C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	F	27310B	E-335			
36201					F	27310A	E-335			
36202					F	2CEC	E-335			
36203					DUCT	36189B*	E-337, 342			
36204					Q	36189B	E-338			
36205					Q	JB3620	E-338, 418			
36206					Q	36189A	E-338, 418			
36207					Q	2CGE	E-338			
36208					Q	36728A	E-338			
36209					X	36728A	E-346			
36210					X	46892A	E-346			
36211					X	2CKL	E-346			
36212					X	46728A	E-346			
36213					X	2CKM	E-346			
36214	2CBF1205C				MC0732 CONTROL CIRCUIT	F	27310C	E-335		
36215			F	27310A		E-335				
36216			F	2CEC		E-335				
36217			DUCT	36189B*		E-337, 342				
36218			Q	36189B		E-338				
36219			Q	JB3620		E-338, 418				
36220			Q	36189A		E-338, 418				
36221			Q	2CGE		E-338				
36222			Q	36728A		E-338				
36223			X	36728A		E-346				
36224			X	46892A		E-346				
36225			X	2CKL		E-346				
36226			X	46728A		E-346				
36227			X	2CKM		E-346				
36228			2PBF1205A	MC0732 POWER CIRCUIT		F	46005C	E-335		
36229	A				46005C	E-335				
36230	F				36180C	E-335				
36231	F				JB2755	E-335				
36232	A				46005B*	E-337, 342, 342				
36232A	A				46005B*	E-333, 337, 342				
36232B	DUCT				46005B*	E-333, 337, 342				
36233	Q	46005A			E-338					
36234	Q	JB3620			E-338, 418					
36235	Q	36190A			E-338, 418					
36236	X	36190A			E-346					
36239	BF1205	MC0732 CIRCUIT BREAKER (CH. 2)			X		E-346			
36240	FTS5136	MC0732 TEMPERATURE SWITCH (CH. 2)			F		E-335			
36241	MC0732	AUX FD PUMP RM VENT FAN 1-2 (CH. 2)			F		E-335			
36242	NC0732	MC0732 LOCAL CONTROLLER (CH. 2)			F		E-335			
36500	C78-1	1CBE1285B	MC0781 CONTROL CIRCUIT	Y	46243A	E-346				
36501				Y	46243A	E-346				
36502				Y	JT4615	E-346				
36503				Y	46369A	E-346				
36504				Y	46369A	E-346				
36505				Y	1CKA	E-346				
36506				Y	36357A	E-346				
36507				S	36357A	E-338				
36508				S	1CGC	E-338				
36509				S	36040A	E-338				
36510				DUCT	36040B*	E-337, 341				
36511				K	36040B	E-338				
36512	K	JB3637	E-338							

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36513	HVAC	C78-1	1CBEL285B	MC0781 CONTROL CIRCUIT	K	36040C	E-338	
36514					K	36953A	E-338	
36515					K	1CGP	E-338	
36516			1CBEL285C	MC0781 CONTROL CIRCUIT	Y	46369A	E-346	
36517					Y	46369A	E-346	
36518					Y	1CKA	E-346	
36519					Y	36357A	E-346	
36520					S	36357A	E-338	
36521					S	1CGC	E-338	
36522					S	36040A	E-338	
36523					DUCT	36040B*	E-337, 341	
36524					K	36040B	E-338	
36525					K	JB3637	E-338	
36526					K	36040C	E-338	
36527					K	36953A	E-338	
36528					K	1CGP	E-338	
36529			1CBEL285D	MC0781 CONTROL CIRCUIT	Y	46240A	E-346	
36530			1PBE1285A	MC0781 POWER CIRCUIT	Y	36042	E-346	
36531					Y	36042	E-346	
36532					S	36042	E-338	
36533					S	36042A	E-338	
36534					DUCT	36042B*	E-337, 341	
36535					K	36042B	E-338	
36536					K	36042C	E-338	
36537			BE1285	MC0781 CIRCUIT BREAKER (CH. 1)	K		E-338	
36538			JT4615	MC0781 TERMINAL BOX (CH. 1)	Y		E-346	
36539			MC0781	BATTERY RM A VENT FAN 1-1 (CH. 1)	Y		E-346	
36540			NC0781	MC0781 LOCAL CONTROLLER (CH. 1)	Y		E-346	
36600		C78-2	2CBF1259B	MC0782 CONTROL CIRCUIT	X	46242A	E-346	
36601					X	46242A	E-346	
36602					X	JT4616	E-346	
36603					X	46275A	E-346	
36604					X	46275A	E-346	
36605					X	2CKL	E-346	
36606					X	36729A	E-346	
36607					Q	36729A	E-338	
36608					Q	2CGE	E-338	
36609					Q	36175A	E-338	
36610					DUCT	36175B*	E-337	
36611					J	36175C	E-338	
36612					J	36905A	E-338	
36613					J	2CGS	E-338	
36614			2CBF1259C	MC0782 CONTROL CIRCUIT	X	46275A	E-346	
36615					X	46275A	E-346	
36616					X	46241A	E-346	
36617					X	JT4616	E-346	
36618					X	2CKL	E-346	
36619					X	36729A	E-346	
36620					Q	36729A	E-338	
36621					Q	2CGE	E-338	
36622					Q	36175A	E-338	
36623					Q	36175B	E-337	
36624					J	36175B	E-337	
36625					J	36175C	E-338	
36626					J	36905A	E-338	
36627					J	2CGS	E-338	
36628			2PBF1259A	MC0782 POWER CIRCUIT	X	36368A	E-346	
36629					X	36368A	E-346	
36630					Q	36368A	E-338	
36631					J	36368A	E-338	
36632					J	36368A	E-338	
36633			BF1259	MC0782 CIRCUIT BREAKER (CH. 2)	J		E-338	
36634			MC0782	BATTERY ROOM VENT FAN 1-2 (CH. 2)	X		E-346	
36635			NC0782	MC0782 LOCAL CONTROLLER (CH. 2)	X		E-346	
36700		C99-1	1CBEL1212B	MC9901 CONTROL CIRCUIT	BF	30620D	E-361	
36701					BF	30620F	E-361	
36702					BE	30620F	E-361	
36703			1CBEL1212C	MC9901 CONTROL CIRCUIT	BF	30620E	E-361	
36704					BF	30620F	E-361	
36705					BE	30620F	E-361	
36706			1PBE1212A	MC9901 POWER CIRCUIT	BF	30620C	E-361	
36707					BE	30620C	E-361	
36708					BE	30620A	E-361	
36709			BE1212	MC9901 CIRCUIT BREAKER (CH. 1)	BE		E-361	
36710			MC9901	SWS PUMP RM EXH FAN 1 (CH. 1)	BF		E-361	
36711			NC9901	MC9901 LOCAL CONTROLLER (CH. 1)	BF		E-361	
36712			TS4688	MC9901 TEMPERATURE SWITCH (CH. 1)	BF		E-361	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
36800	HVAC	C99-2	1CBE1205B	MC9902 CONTROL CIRCUIT	BF	30620D	E-361	
36801					BF	30620F	E-361	
36802					BE	30620F	E-361	
36806			1PBEE1205A	MC9902 POWER CIRCUIT	BE	30620B	E-361	
36806A					BF	30620B	E-361	
36807					BE	30620A	E-361	
36808			BE1205	MC9902 CIRCUIT BREAKER (CH. 1)	BE		E-361	
36809			MC9902	SWS PUMP RM EXH FAN 2 (CH. 1)	BF		E-361	
36810			NC9901	MC9902 LOCAL CONTROLLER (CH. 1)	BF		E-361	
36811			TS4688	MC9902 TEMPERATURE SWITCH (CH. 1)	BF		E-361	
36900		C99-3	2CBF1211B	MC9903 CONTROL CIRCUIT	BF	30849D	E-361	
36901					BF	30849F	E-361	
36902			2CBF1211C	MC9903 CONTROL CIRCUIT	BF	30849E	E-361	
36903					BF	30849F	E-361	
36904			2PBF1211A	MC9903 POWER CIRCUIT	BF	30849C	E-361	
36905					BF	30849A	E-361	
36906			BF1211	MC9903 CIRCUIT BREAKER (CH.2)	BF		E-361	
36907			MC9903	SWS PUMP RM EXH FAN 3 (CH. 2)	BF		E-361	
36908			NC9903	MC9903 LOCAL CONTROLLER (CH.2)	BF		E-361	
36909			TS4689	MC9903 TEMPERATURE SWITCH (CH.2)	BF		E-361	
37000		C99-4	2CBF1236B	MC9904 CONTROL CIRCUIT	BF	30849D	E-361	
37001					BF	30849F	E-361	
37004			2PBF1236A	MC9904 POWER CIRCUIT	BF	30849B	E-361	
37005					BF	30849A	E-361	
37006			BF1236	MC9904 CIRCUIT BREAKER (CH. 2)	BF		E-361	
37007			MC9904	SWS PUMP RM EXH FAN 4 (CH. 2)	BF		E-361	
37008			NC9903	MC9904 LOCAL CONTROLLER (CH. 2)	BF		E-361	
37009			TS4689	MC9904 TEMPERATURE SWITCH (CH. 2)	BF		E-361	
37200		HV0531A	ACMV0531A	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361	
37201					BD	30843A	E-361	
37202					BD	JB3053	E-361	
37203					BD	30550A	E-361	
37204					BD	30550B	E-361	
37205			E12D	PANEL E12D	BD		E-361	
37206			MV0531A	HV0531A MOTOR	BD		E-361	
37210		HV0532A	ACMV0531B	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361	
37211					BD	30843A	E-361	
37212					BD	JB3053	E-361	
37213					BD	30550A	E-361	
37214					BD	30550C	E-361	
37215			E12D	PANEL E12D	BD		E-361	
37216			MV0532A	MV0532A MOTOR	BD		E-361	
37300		HV5305	1CYE104B	MV5305 CONTROL CIRCUIT	Y	46542A	E-346	
37301					Y	1CKA	E-346	
37302					Y	36357C	E-346	
37303					S	36357C	E-338	
37304					S	1CGC	E-338	
37305					S	36075A	E-338	
37306					DUCT	36075B*	E-337	
37307					K	36075C	E-338	
37308					K	36366A	E-338	
37309					K	1CGP	E-338	
37310			1PYE104A	MV5305 POWER CIRCUIT	Y	36898A	E-346	
37311					S	36898A	E-338	
37312					Q	36898A	E-338	
37313					P	36898A	E-338	
37314					K	36898A	E-338	
37315			MV5305	LOW VOLT SWGR RM VENT FN 1 DAMPER	Y		E-346	
37316			YE104	MV5305 CIRCUIT BREAKER (CH. 1)	K		E-338	
37400		HV5305A	1CBEE1240B	MV5305A CONTROL CIRCUIT	Y	46203A	E-346	
37401					Y	1CKA	E-346	
37403					Y	46546A	E-346	
37404			1CBEE1240C	MV5305A CONTROL CIRCUIT	Y	46204A	E-346	
37405					Y	1CKA	E-346	
37406					Y	46203A	E-346	
37407			1CBEE1240D	MV5305A CONTROL CIRCUIT	Y	Nipple	E-346	
37408			1CBEE1240E	MV5305A CONTROL CIRCUIT	AB	38132A	E-350	
37409					AB	1CJP	E-350	
37410					V	1CJP	E-350	
37411					V	1CJM	E-350, 349-3	
37412					U	1CJM	E-349-3	
37413					CC	1CJM	E-347	
37414					DD	1CJM	E-356-6	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37415	HVAC	HV5305A	1CBEL240E	MV5305A CONTROL CIRCUIT	DD	1CPL	E-356-1	
37416					DD	46051A	E-356-1	
37417					DD	46051B*	E-343, 344, 355	
37417A					A	46051B*	E-343, 344, 355	
37417B					DF	46051B*	E-343, 344, 355	
37417C					X	46051B*	E-343, 344, 355	
37417D					Y	46051B*	E-343, 344, 355	
37418					Y	1CKD	E-346	
37419					Y	46546A	E-346	
37420					Y	1CKA	E-346	
37421			1PBEL240A	MV5305A POWER CIRCUIT	Y	46201D	E-346	
37422					Y	46201C	E-346	
37423					Y	46201A	E-346	
37424			BE1240	MV5305A CIRCUIT BREAKER (CH. 1)	Y		E-346	
37425			EV5305A	MV5305A TERMINAL BOX (CH. 1)	Y		E-346	
37426			MV5305A	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37427			NV5305A	MV5305A LOCAL CONTROLLER (CH. 1)	Y		E-346	
37428			RC3801	MV5305A RELAY CABINET (CH. 1)	AB		E-350	
37500		HV5305B	1CBEL241B	MV5305B CONTROL CIRCUIT	Y	46203A	E-346	
37501					Y	46546A	E-346	
37502					Y	1CKA	E-346	
37503			1CBEL241C	MV5305B CONTROL CIRCUIT	Y	46204B	E-346	
37504					Y	46203A	E-346	
37505					Y	1CKA	E-346	
37506			1CBEL241D	MV5305B CONTROL CIRCUIT	Y	Nipple	E-346	
37416A			1CBEL241E	MV5305B CONTROL CIRCUIT	A	46051B*	E-343, 344, 355	
37416B					DF	46051B*	E-343, 344, 355	
37416C					X	46051B*	E-343, 344, 355	
37416D					Y	46051B*	E-343, 344, 355	
37507					AB	38132A	E-350	
37508					AB	1CJP	E-350	
37509					V	1CJP	E-350	
37510					V	1CJM	E-349-3, 350	
37511					U	1CJM	E-349-3	
37512					CC	1CJM	E-347	
37513					DD	1CJM	E-356-6	
37514					DD	1CPL	E-356-1, 356-6	
37515					DD	46051A	E-356-1, 356-6	
37516					DD	46051B*	E-343, 344, 355	
37516A					A	46051B*	E-343, 344, 355	
37516B					DF	46051B*	E-343, 344, 355	
37516C					X	46051B*	E-343, 344, 355	
37516D					Y	46051B*	E-343, 344, 355	
37517					Y	1CKD	E-346	
37518					Y	46546A	E-346	
37519					Y	1CKA	E-346	
37520			1PBEL241A	MV5305B POWER CIRCUIT	Y	46201E	E-346	
37521					Y	46201C	E-346	
37522					Y	46201A	E-346	
37523			BE1241	MV5305B CIRCUIT BREAKER (CH. 1)	Y		E-346	
37524			EV5305A	MV5305B TERMINAL BOX (CH. 1)	Y		E-346	
37525			MV5305B	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37526			NV5305B	MV5305B LOCAL CONTROLLER (CH. 1)	Y		E-346	
37527			RC3801	MV5305B RELAY CABINET (CH. 1)	AB		E-350	
37600		HV5314	2CYF104B	MV5314 CONTROL CIRCUIT	X	46729A	E-346	
37601					X	46892D	E-346	
37602					X	2CKM	E-346	
37603					X	2CKL	E-346	
37604					X	36748B	E-346	
37605					Q	36748B	E-338	
37606					Q	36176A	E-338	
37607					Q	2CGE	E-338	
37608					DUCT	36176B*	E-337	
37609					J	36176C	E-338	
37610					J	36367A	E-338	
37611					J	2CGS	E-338	
37612			2PYF104A	MV5314 POWER CIRCUIT	BE	36899A	E-413	
37613					X	36899A	E-346	
37614					P	36899A	E-338	
37615					K	36899A	E-338	
37616					J	36899A	E-338	
37617			MV5314	LOW VOLT SWGR RM VENT FN 2 DAMPER	BE		E-413	
37618			YF104	MV5314 CIRCUIT BREAKER (CH. 2)	J		E-338	
37700		HV5314A	2CBF1239B	MV5314A CONTROL CIRCUIT	X	46202A	E-346	
37701					X	46892C	E-346	
37702					X	2CKL	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
37703	HVAC	HV5314A	2CBF1239B	MV5314A CONTROL CIRCUIT	X	46739C	E-346	
37704					X	2CKM	E-346	
37705			2CBF1239C	MV5314A CONTROL CIRCUIT	X	46205A	E-346	
37706			2CBF1239D	MV5314A CONTROL CIRCUIT	X	Nipple	E-346	
37707			2PBF1239A	MV5314A POWER CIRCUIT	X	46955A	E-346	
37708			BF1239	MV5314A CIRCUIT BREAKER (CH. 2)	X		E-346	
37709			EV5314A	MV5314A TERMINAL BOX (CH. 2)	X		E-346	
37710			MV5314A	LOW VOLT SWGR RM 428 VENT DAMPER	X		E-346	
37711			NV5314A	MV5314A LOCAL CONTROLLER (CH. 2)	X		E-346	
37800		HV5329A	1CYE101B	MV5329A CONTROL CIRCUIT	K	36360C	E-338	
37801					K	36360A	E-338	
37802					K	36366A	E-338	
37803					K	1CGP	E-338	
37804			1CYE101C	MV5329A CONTROL CIRCUIT	K	36975A	E-338	
37805					K	36366A	E-338	
37806					K	1CGP	E-338	
37807			1LGD109A	MV5329A INSTR CIRCUIT (LTE5329 INTLK)	K	36583A	E-338	
37808					K	36583E	E-338	
37809					K	36583G	E-338	
37810			1LGD109B	MV5329A INSTR CIRCUIT (TC5329 INTLK)	K	36583C	E-338	
37811					K	36583D	E-338	
37812					K	36583G	E-338	
37813			1PYE101A	MV5329A POWER CIRCUIT	K	36358E	E-338	
37814					K	36358C	E-338	
37815					K	36358A	E-338	
37816			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37817			LTE5329	MV5329A TEMPERATURE ELEMENT (CH. 1)	K		E-338	
37818			MV5329A	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37819			NV5329A	MV5329A LOCAL CONTROLLER (CH. 1)	K		E-338	
37820			RC3605	MV5329A RELAY CABINET (CH. 1)	K		E-338	
37821			YE101	MV5329A CIRCUIT BREAKER (CH. 1)	K		E-338	
37900		HV5329B	1CYE102B	MV5329B CONTROL CIRCUIT	K	36360B	E-338	
37901					K	36360A	E-338	
37902					K	36366A	E-338	
37903					K	1CGP	E-338	
37904			1CYE102C	MV5329B CONTROL CIRCUIT	K	36975A	E-338	
37905					K	36366A	E-338	
37906					K	1CGP	E-338	
37907			1LGD109C	MV5329B INSTR CIRCUIT (TC5329 INTLK)	K	36583B	E-338	
37908					K	36583D	E-338	
37909					K	36583G	E-338	
37910			1PYE102A	MV5329B POWER CIRCUIT	K	36358D	E-338	
37911					K	36358C	E-338	
37912					K	36358A	E-338	
37913			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37914			MV5329B	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37915			NV5329B	MV5329B LOCAL CONTROLLER (CH. 1)	K		E-338	
37916			RC3605	MV5329B RELAY CABINET (CH. 1)	K		E-338	
37917			YE102	MV5329B CIRCUIT BREAKER (CH. 1)	K		E-338	
38000		HV5329C	1CYE103B	MV5329C CONTROL CIRCUIT	K	36365A	E-338	
38001					K	36366A	E-338	
38002					K	1CGP	E-338	
38003			1CYE103C	MV5329C CONTROL CIRCUIT	K	36975A	E-338	
38004					K	36366A	E-338	
38005					K	1CGP	E-338	
38006			1LGD109D	MV5329C INSTR CIRCUIT (TC5329 INTLK)	K	36583F	E-338	
38007					K	36583E	E-338	
38008					K	36583G	E-338	
38009			1PYE103A	MV5329C POWER CIRCUIT	K	36358B	E-338	
38010					K	36358A	E-338	
38011			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
38012			MV5329C	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
38013			NV5329C	MV5329C LOCAL CONTROLLER (CH. 1)	K		E-338	
38014			RC3605	MV5329C RELAY CABINET (CH. 1)	K		E-338	
38015			YE103	MV5329C CIRCUIT BREAKER (CH. 1)	K		E-338	
38100		HV5336A	2CYF101B	MV5336A CONTROL CIRCUIT	J	36361B	E-338	
38101					J	36361A	E-338	
38102					J	36367A	E-338	
38103					J	2CGS	E-338	
38104			2CYF101C	MV5336A CONTROL CIRCUIT	J	36909A	E-338	
38105					J	36367A	E-338	
38106					J	2CGS	E-338	
38107			2LGD209A	MV5336A INSTR CIRCUIT (LTE5336 INTLK)	J	36584A	E-338	
38108			2LGD209B	MV5336A INSTR CIRCUIT (TC5336 INTLK)	J	36584D	E-338	
38109					J	36584C	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
38110	HVAC	HV5336A	2LGD209B	MV5336A INSTR CIRCUIT (TC5336 INTLK)	J	36584E	E-338	
38111					J	36584G	E-338	
38112			2PYF101A	MV5336A POWER CIRCUIT	J	36359E	E-338	
38113					J	36359C	E-338	
38114					J	36359A	E-338	
38115			C3616	MV5336A CONTROL CABINET (CH. 2)	J		E-338	
38116			LTE5336	MV5336A TEMPERATURE ELEMENT (CH. 2)	J		E-338	
38117			MV5336A	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38118			NV5336A	MV5336A LOCAL CONTROLLER (CH. 2)	J		E-338	
38119			RC3606	MV5336A RELAY CABINET (CH. 2)	J		E-338	
38120			YF101	MV5336A CIRCUIT BREAKER (CH. 2)	J		E-338	
38200		HV5336B	2CYF102B	MV5336B CONTROL CIRCUIT	J	36361C	E-338	
38201					J	36361A	E-338	
38202					J	36367A	E-338	
38203					J	2CGS	E-338	
38204			2CYF102C	MV5336B CONTROL CIRCUIT	J	36909A	E-338	
38205					J	36367A	E-338	
38206					J	2CGS	E-338	
38207			2LGD209C	MV5336B INSTR CIRCUIT (TC5336 INTLK)	J	36584B	E-338	
38208					J	36584C	E-338	
38209					J	36584E	E-338	
38210					J	36584G	E-338	
38211			2PYF102A	MV5336B POWER CIRCUIT	J	36359D	E-338	
38212					J	36359C	E-338	
38213					J	36359A	E-338	
38214			C3616	MV5336B CONTROL CABINET (CH. 2)	J		E-338	
38215			MV5336B	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38216			NV5336B	MV5336B LOCAL CONTROLLER (CH. 2)	J		E-338	
38217			RC3606	MV5336B RELAY CABINET (CH. 2)	J		E-338	
38218			YF102	MV5336B CIRCUIT BREAKER (CH. 1)	J		E-338	
38300		HV5336C	2CYF103B	MV5336C CONTROL CIRCUIT	J	36362A	E-338	
38301					J	36367A	E-338	
38302					J	2CGS	E-338	
38303			2CYF103C	MV5336C CONTROL CIRCUIT	J	36909A	E-338	
38304					J	36367A	E-338	
38305					J	2CGS	E-338	
38306			2LGD209D	MV5336C INSTR CIRCUIT (TC5336 INTLK)	J	36584F	E-338	
38307					J	36584G	E-338	
38308			2PYF103A	MV5336C POWER CIRCUIT	J	36359B	E-338	
38309					J	36359A	E-338	
38310			C3616	MV5336C CONTROL CABINET (CH. 2)	J		E-338	
38311			MV5336C	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38312			NV5336C	MV5336C LOCAL CONTROLLER (CH. 2)	J		E-338	
38313			RC3606	MV5336C RELAY CABINET (CH. 2)	J		E-338	
38314			YF103	MV5336C CIRCUIT BREAKER (CH. 2)	J		E-338	
39000		HV5597	1CBE1208B	MV5597 CONTROL CIRCUIT	Y	46238A	E-346	
39001					Y	46540A	E-346	
39002					Y	1CKA	E-346	
39003			1CBE1208C	MV5597 CONTROL CIRCUIT	Y	46234B	E-346	
39004					Y	46540A	E-346	
39005					Y	1CKA	E-346	
39006			1CBE1208D	MV5597 CONTROL CIRCUIT	Y	46238B	E-346	
39007					Y	JT4615	E-346	
39008					Y	46369A	E-346	
39009					Y	46369A	E-346	
39010					Y	46540A	E-346	
39011					Y	1CKA	E-346	
39012			1CBE1208I	MV5597 CONTROL CIRCUIT	K	36248A	E-338	
39013					K	JB3637	E-338	
39014					K	36041B	E-338	
39015					DUCT	36041B*	E-337, 341	
39016					S	36041A	E-338	
39017					S	36357B	E-338	
39018					S	1CGC	E-338	
39019					Y	36357B	E-346	
39020					Y	46540A	E-346	
39021					Y	1CKA	E-346	
39022			1PBE1208A	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39023					Y	46235A	E-346	
39024			1PBE1208E	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39025					Y	46235A	E-346	
39026			1PBE1208H	MV5597 POWER CIRCUIT	K	30185E	E-338	
39027					P	30185E	E-338	
39028					Q	30185E	E-338	
39029					Q	JB3660	E-338	
39030					Q	36018A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
39031	HVAC	HV5597	1PBEL208H	MV5597 POWER CIRCUIT	X	36018A	E-338			
39032						Y	36018A	E-338		
39033					BE1208	MV5597 CIRCUIT BREAKER (CH. 1)	Y		E-346	
39034					FTS5597	MV5597 TEMPERATURE SWITCH (CH. 1)	Y		E-346	
39035					MV5597	BATTERY RM A MTR OPERATED DAMPER	Y		E-346	
39036					NV5597	MV5597 LOCAL CONTROLLER (CH. 1)	Y		E-346	
39100	HV5598	2CBF1210B	MV5598 CONTROL CIRCUIT		X	46239A	E-346			
39101					X	46892D	E-346			
39102					X	2CKL	E-346			
39103					X	46741A	E-346			
39104					X	2CKM	E-346			
39105					2CBF1210C	MV5598 CONTROL CIRCUIT	X	46236B	E-346	
39106							X	46892D	E-346	
39107							X	2CKL	E-346	
39108							X	46741A	E-346	
39109							X	2CKM	E-346	
39110					2CBF1210D	MV5598 CONTROL CIRCUIT	X	46239B	E-346	
39111							X	JT4616	E-346	
39112							X	46275B	E-346	
39113							X	46275B	E-346	
39114							X	46892D	E-346	
39115							X	2CKL	E-346	
39116							X	46739C	E-346	
39117							X	2CKM	E-346	
39118					2PBF1210A	MV5598 POWER CIRCUIT	X	46237A	E-346	
39119							X	46237A	E-346	
39120					2PBF1210E	MV5598 POWER CIRCUIT	X	46237A	E-346	
39121							X	46237A	E-346	
39122					BF1210	MV5598 CIRCUIT BREAKER (CH. 2)	X		E-346	
39123					FTS5598	MV5598 TEMPERATURE SWITCH (CH. 2)	X		E-346	
39124		MV5598	BATTERY RM B MTR OPERATED DAMPER	X		E-346				
39125		NV5598	MV5598 LOCAL CONTROLLER (CH. 2)	X		E-346				
39200	MSS	ICS11A	2CVCS11AA	SVICS11A CONTROL CIRCUIT	DH	67111A	E-416			
39200A					DH	67111F	E-416			
39200B					DH	67111E	E-416			
39201					2CVCS11AB	SVICS11A CONTROL CIRCUIT	DH	Nipple	E-416	
39202					2CVCS11AC	SVICS11A CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39203							DD	67081C	E-356-7, 356-1	
39204							DD	2CPN	E-356-7, 356-1	
39205							DD	JB5776	E-356-1	
39206							EE	67081A	E-414	
39207							EE	67081B*	E-358	
39207A							DH	67081B*	E-358	
39208							DH	67081B	E-416	
39209							DH	67081C	E-416	
39210A					2CVCS11AE	SVICS11A CONTROL CIRCUIT	EE	67081A	E-414	
39210B							EE	67081B*	E-358	
39210C							DH	67081B*	E-358	
39210D							DH	67081B	E-416	
39210E							DH	67081C	E-416	
39210F							DD	67081C	E-356-7, 356-1	
39210G							DD	2CPN	E-356-7, 356-1	
39210H							DD	JB5783	E-356-1	
39211					2CVCS11AG	SVICS11A CONTROL CIRCUIT	DD	JB5783	E-356-1	
39212							DD	2CPN	E-356-1	
39213							DD	2CEV	E-356-1	
39214							DD	2CP92A	E-356-1	
39215							FF	2CP92A	E-356-1	
39216							FF	2CP92D	E-353	
39218						C5717	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353
39219			C5756D	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
39225			C5792	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
39220			EV100A	SVICS11A TERMINAL BOX (CH. 2)	DH		E-416			
39224			JTS722	SVICS11A TERMINAL BOX (CH. 2)	DD		E-356			
39221			NVICS11A	SVICS11A LOCAL CONTROLLER (CH. 2)	DH		E-416			
39222			SVICS11A1	MSL 2 ATM VENT SOLENOID VALVE	DH		E-416			
39300	ICS11B	1CVCS11BA	SVICS11B CONTROL CIRCUIT		DH	68011A	E-359			
39300A					DH	68011B	E-359			
39300B					DH	68011C	E-359			
39301					1CVCS11BB	SVICS11B CONTROL CIRCUIT	DH	Nipple	E-359	
39302					1CVCS11BC	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39303							DD	JB5777	E-356	
39304							DD	1CPR	E-356	
39305							DD	1CPM	E-356	
39306							DD	1CPL	E-356-1, 356-6	
39307							DD	68007C	E-356-1, 356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
39308	MSS	ICS11B	1CVCS11BC	SVICS11B CONTROL CIRCUIT	EE	68007C	E-414	
39309					EE	68007B*	E-359, 358	
39309A					DH	68007B*	E-358, 359	
39310					DH	68007A	E-359	
39312			1CVCS11BE	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39313					DD	1CPL	E-356-1, 356-6	
39314					DD	68007C	E-356-1, 356-6	
39315					EE	68007C	E-414	
39316					EE	68007B*	E-359, 358	
39316A					DH	68007B*	E-359, 359	
39317					DH	68007A	E-359	
39321			C5717	SVICS11B CONTROL ROOM PANEL (CH.1)	FF		E-353	
39319			C5762A	SVICS11B CONTROL ROOM PANEL (CH 1)	FF		E-353	
39322			C5763D	SVICS11B CONTROL RM PNL (CH.1)	FF		E-353	
39323			EV101B	SVICS11B TERMINAL BOX (CH. 1)	DH		E-359	
39320			JT5721	SVICS11B TERMINAL BOX (CH 1)	DD		E-356	
39324			NVICS11B	SVICS11B LOCAL CONTROLLER	DH		E-359	
39325			SVICS11B1	MSL 1 ATM VENT VALVE SOLENOID	DH		E-359	
39400	MS100		1CFV100DB	FV100 CONTROL CIRCUIT	DH	67046A	E-416	
39401			1CFV100DE	FV100 CONTROL CIRCUIT	DH	67801C	E-416	
39402					DH	67801A	E-416	
39403			1CFV100DF	FV100 CONTROL CIRCUIT	DH	67801B	E-416	
39404					DH	67801A	E-416	
39405			1CFV100DH	FV100 CONTROL CIRCUIT	DH	67046B	E-416	
39406					EE	67046B	E-417	
39407					EE	JT5806	E-417	
39408					EE	58097B	E-417	
39409					DD	1CPM	E-356	
39410					DD	1CPT	E-356	
39411					DD	1CPL	E-356	
39412					DD	1CP62A	E-356	
39413					FF	1CP62A	E-353	
39414					FF	1CPA62	E-353	
39415			1CFV100DJ	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39416					FF	57961B	E-353	
39417					DD	1CP62A	E-356	
39418					FF	1CP62A	E-353	
39419			1CFV100EB	FV100 CONTROL CIRCUIT	DH	67007D	E-416	
39420			1CFV100EE	FV100 CONTROL CIRCUIT	DH	67801D	E-416	
39421			1CFV100EG	FV100 CONTROL CIRCUIT	DH	67007A	E-416	
39422					HH	67007A	E-416	
39423					HH	67007B*	E-355, 358	
39423A					DH	67007B*	E-355, 358	
39423B					FF	67007B*	E-355, 358	
39423C					DD	67007B*	E-355, 358	
39424					DD	67007C	E-356	
39425					DD	1CPL	E-356	
39426					DD	1CP62A	E-356	
39427					FF	1CP62A	E-353	
39429					FF	1CPA	E-353	
39430			1CFV100EH	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39431					FF	1CP62A	E-353	
39432					FF	57961B	E-356	
39433			2CFV100AB	FV100 CONTROL CIRCUIT	DH	67045C	E-416	
39434					DH	67045A	E-416	
39435			2CFV100AC	FV100 CONTROL CIRCUIT	DH	67800B	E-416	
39436			2CFV100AE	FV100 CONTROL CIRCUIT	DH	67045A	E-416	
39437					DH	67045B	E-416	
39438					EE	67045B	E-414	
39439					EE	JT5706	E-414	
39440					EE	57162B	E-414	
39441					DD	57162B	E-414	
39442					DD	2CPN	E-356	
39443					DD	JB5776	E-356	
39444					DD	2CEV	E-356	
39445					DD	2CP92A	E-423	
39446					FF	2CP92A	E-353	
39447					FF	2CP92D	E-353	
39449			2CFV100B	FV100 CONTROL CIRCUIT	DD	JB5776	E-356-1	
39451					DD	2CPN	E-356-7	
39452					DD	2CPP	E-356-7	
39453					DD	2CLA	E-356-7	
39454					DF	2CLA	E-347	
39455					DF	47042C	E-347	
39456					DH	47042B*	E-358, 344	
39456A					II	47042B*	E-344, 358	
39456B					EE	47042B*	E-344, 358	
39456C					DF	47042B*	E-344, 358	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39457	MSS	MS100	2CFV100B	FV100 CONTROL CIRCUIT	DH	47042A	E-416	
39458			2CFV100BC	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39459					DH	67061B	E-416	
39460			2CFV100BD	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39461					DH	67061A	E-416	
39462			2CFV100BE	FV100 CONTROL CIRCUIT	DH	67800A	E-416	
39463			2CFV100BG	FV100 CONTROL CIRCUIT	DH	47042A	E-416	
39464					DH	47042B*	E-358, 344	
39464A					II	47042B*	E-344, 358	
39464B					EE	47042B*	E-344, 358	
39464C					DF	47042B*	E-344, 358	
39465					DF	47042C	E-347	
39466					DF	2CLA	E-347	
39467					DD	2CLA	E-356	
39468					DD	2CPP	E-356	
39469					DD	2CPN	E-356	
39470					DD	JBS776	E-356	
39471					DD	2CPN	E-356	
39472					DD	2CEV	E-356	
39473					DD	2CP92A	E-423	
39474					FF	2CP92A	E-353	
39475					FF	2CP92D	E-353	
39476			2CFV100C	FV100 CONTROL CIRCUIT	DH	67061B	E-416	
39477					DH	67061C	E-416	
39490			2CRSCC12A	SV100B CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39491					DD	2CP06A	E-356	
39492					DD	JT5722	E-356	
39493					DD	2CPN	E-356	
39494					DD	2CEV	E-356	
39495					DD	2CP92A	E-356, 423	
39496					FF	2CP92A	E-353	
39497					FF	2CP92D	E-353	
39498			2CRSCC14A	SV100A CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39499					DD	2CP06A	E-356	
39499A					DD	JT5722	E-356	
39499B					DD	2CPN	E-356	
39499C					DD	2CEV	E-356	
39499D					DD	2CP92A	E-356, 423	
39499E					FF	2CP92A	E-353	
39499F					FF	2CP92D	E-353	
39480			C5762A	FV100 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39481			C5792	FV100 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39484			FPSL100A	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39485			FPSL100B	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39486			FPSL100C	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39487			FPSL100D	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39488			FPSL100E	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39489			FV100	MN STEAM LINE 2 ISO VALVE (CH. 2 & 1)	DH		E-416	
39490			JT5706	FV100 TERMINAL BOX (CH. 2)	EE		E-414	
39491			JT5722	FV100 TERMINAL BOX (CH. 2)	DD		E-356	
39492			JT6703	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39493			JT6704	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39494			JT6707	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39494			JT6717	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39495			NSV100	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39550		MS100-1	2CRSCC12A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39551					DD	2CP06A	E-356	
39552					DD	JT5722	E-356	
39553					DD	2CPN	E-356	
39554					DD	2CEV	E-356	
39555					DD	2CP92A	E-356, 423	
39556					FF	2CP92A	E-353	
39557					FF	2CP92D	E-353	
39558			2CRSCC14A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39559					DD	2CP06A	E-356	
39560					DD	JT5722	E-356	
39561					DD	2CPN	E-356	
39562					DD	2CEV	E-356	
39563					DD	2CP92A	E-356, 423	
39564					FF	2CP92A	E-353	
39565					FF	2CP92D	E-353	
39500			2CV1001A	SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39501			2CV1001B	V1001/SV1001 CONTROL CIRCUIT	DH	67155A	E-416	
39503			2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DD	JBS776	E-356-8	
39504					DD	2CPN	E-356-7	
39505					DH	47040A	E-416	
39506					EE	47040A	E-414	
39507					DF	47040A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39508	MSS	MS100-1	2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DF	2CKL	E-347	
39509					DD	2CKL	E-356-7	
39510			2CV1001D	V1001/SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39511			2CV1001F	V100/SV1001 CONTROL CIRCUIT	DH	47040A	E-416	
39512					EE	47040A	E-414	
39513					DF	47040A	E-347	
39514					DF	2CKL	E-347	
39515					DD	2CKL	E-356-7	
39516					DD	2CFN	E-356-7	
39517					DD	JB5783	E-356-7	
39518					DD	2CEV	E-356-7	
39519					DD	2CF92A	E-356-7	
39520					FF	2CF92A	E-353	
39521					FF	2CF92D	E-353	
39522			2CV1001G	V100/SV1001 CONTROL CIRCUIT	DH	67107A	E-416	
39523			CS717	V1001 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39524			CS792	V1001 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39525			EV1001	V1001 TERMINAL BOX (CH. 2)	DH		E-416	
39526			JT6704	V1001 JUNCTION BOX (CH 1)	DH		E-416	
39527			NV1001	V1001 LOCAL CONTROLLER (CH. 2)	DH		E-416	
39528			SV1001	V1001 SOLENOID VALVE (CH. 2)	DH		E-416	
39529			V1001	MN STM LINE 2 WU ISOLATION VALVE (CH. 2)	DH		E-416	
39600	MS101		1CFV101AB	FV101 CONTROL CIRCUIT	DH	68075B	E-359	
39601					DH	68075A	E-359	
39602			1CFV101AC	FV101 CONTROL CIRCUIT	DH	68800B	E-359	
39603			1CFV101AE	FV101 CONTROL CIRCUIT	DH	68075A	E-359	
39604					DH	68075C	E-359	
39605					EE	68075C	E-417	
39606					EE	JT5806	E-417	
39607					EE	58097B	E-417	
39608					DD	58097B	E-356	
39609					DD	1CPM	E-356	
39610					DD	1CPL	E-356	
39611					DD	1CP62A	E-356	
39612					FF	1CP62A	E-356	
39613					FF	1CPA62	E-353	
39614			1CFV101B	FV101 CONTROL CIRCUIT	FF	UNSCHEM	E-356-8	
39615					DD	JB5777	E-356	
39616					DD	1CPR	E-356	
39617					DD	1CPM	E-356	
39618					DD	1CPL	E-356-1, 356-6	
39619					DD	68008C	E-356-1, 356-6	
39620					EE	68008C	E-414	
39621					EE	68008B*	E-359, 358	
39621A					DH	68008B*	E-358, 359	
39622					DH	68008A	E-359	
39623			1CFV101BC	FV101 CONTROL CIRCUIT	DH	68006A	E-359	
39624					DH	68006C	E-359	
39625			1CFV101BD	FV101 CONTROL CIRCUIT	DH	68006B	E-359	
39626					DH	68006C	E-359	
39627			1CFV101BE	FV101 CONTROL CIRCUIT	DH	68800A	E-359	
39628			1CFV101BG	FV101 CONTROL CIRCUIT	DH	68008A	E-359	
39629					EE	68008B*	E-359, 358	
39629A					DH	68008B*	E-358, 359	
39630					EE	68008C	E-414	
39631					DD	1CPL	E-356	
39632					DD	1CP62A	E-356	
39633					FF	1CP62A	E-353	
39634					FF	1CPA62	E-353	
39635			1CFV101C	FV101 CONTROL CIRCUIT	DH	68006C	E-359	
39636					DH	68006A	E-359	
39690			1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39691					DD	1CP06A	E-356	
39692					DD	JT5721	E-356	
39693					DD	1CPM	E-356-2	
39694					DD	1CPR	E-356-2	
39695					DD	1CPL	E-356	
39696					DD	1CP62A	E-356-10	
39696A					FF	1CP62A	E-356-10	
39697					FF	1CPA62	E-353	
39698			1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39698A					DD	1CP06A	E-356	
39698B					DD	JT5721	E-356	
39698C					DD	1CPM	E-356-2	
39698D					DD	1CPR	E-356-2	
39698E					DD	1CPL	E-356	
39698F					DD	1CP62A	E-356-10	
39698G					FF	1CP62A	E-356-10	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
39698H	MSS	MS101	1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	FF	1CPA62	E-353	
39637			2CFV101DB	FV101 CONTROL CIRCUIT	DH	68076B	E-359	
39638			2CFV101DE	FV101 CONTROL CIRCUIT	DH	68801B	E-359	
39639					DH	68801A	E-359	
39640			2CFV101DF	FV101 CONTROL CIRCUIT	DH	68801C	E-359	
39641					DH	68801A	E-359	
39661			2CFV101DH	FV101 CONTROL CIRCUIT	DH	68076A	E-359	
39662					EE	68076A	E-414	
39663					EE	JT5706	E-414	
39664					EE	57162B	E-414	
39665					DD	2CPN	E-356	
39666					DD	2CEV	E-356	
39667					DD	2CP92A	E-423	
39668					FF	2CP92A	E-356, 313	
39669					FF	2CP92D	E-353	
39658			2CFV101DJ	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39659					FF	57961C	E-353	
39660					FF	2CP92A	E-353	
39642			2CFV101EB	FV101 CONTROL CIRCUIT	DH	68060B	E-359	
39643			2CFV101EE	FV101 CONTROL CIRCUIT	DH	68801D	E-359	
39647			2CFV101EG	FV101 CONTROL CIRCUIT	DH	68060A	E-359	
39648					EE	2CRB	E-417	
39649					EE	58095B	E-417, 414	
39650					EE	JT5705	E-414	
39651					EE	57162A	E-414	
39652					DD	57162A	E-356	
39653					DD	2CPN	E-356	
39654					DD	2CEV	E-356	
39655					DD	2CP92A	E-356	
39656					FF	2CP92A	E-353, 423	
39657					FF	2CP92D	E-353	
39644			2CFV101EH	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39645					FF	57961C	E-353	
39646					FF	2CP92A	E-353	
39676			C5708	FV101 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39671			C5762A	FV101 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39673			C5792	FV101 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39674			C5792N	FV101 CONTROL ROOM PANEL (CH 2)	FF		E-353	
39677			FPSL101A	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39678			FPSL101B	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39679			FPSL101C	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39680			FPSL101D	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39681			FPSL101E	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39682			FV101	MN STEAM LINE 1 ISO VALVE (CH. 1 & 2)	DH		E-359	
39675			JT5721	FV101 TERMINAL BOX (CH 1)	DD		E-356	
39683			JT6801	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39684			JT6802	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39685			JT6807	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39686			JT6811	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39687			NSV101	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39750		MS101-1	1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39751					DD	1CP06A	E-356	
39752					DD	JT5721	E-356	
39753					DD	1CPM	E-356-2	
39754					DD	1CPR	E-356-2	
39755					DD	1CPL	E-356	
39756					DD	1CP62A	E-356-10	
39757					FF	1CP62A	E-356-10	
39758					FF	1CPA62	E-353	
39759			1CRSCC13A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39760					DD	1CP06A	E-353	
39761					DD	JT5721	E-356	
39762					DD	1CPM	E-356	
39763					DD	1CPR	E-356-2	
39764					DD	1CPL	E-356-2	
39765					DD	1CP62A	E-356-10	
39766					FF	1CP62A	E-356-10	
39767					FF	1CPA62	E-353	
39700			1CV1011A	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39701			1CV1011B	V1011/SV1011 CONTROL CIRCUIT	DH	Nipple	E-359	
39702			1CV1011C	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39703					V	38514A	E-350, 349-3	
39704					V	1CJL	E-350, 349-3	
39705					DH	38069C	E-359	
39706					AB	38069A	E-350	
39707					V	38069A	E-350	
39708					V	JB3805	E-350	
39709					V	1CJL	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
39710	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	AB	38069B*	E-359, 340	
39710A					V	38069B*	E-340, 359	
39710B					EE	38069B*	E-340, 359	
39710C					DH	38069B*	E-340, 359	
39711					U	1CJL	E-349-3	
39712					CC	1CJL	E-347	
39713					DD	1CJL	E-356-6	
39714					DD	1CPL	E-356-6	
39715					DD	JB5777	E-356-8	
39715A					DD	1CPL	E-356	
39715B					DD	1CPR	E-356	
39715C					DD	1CPM	E-356	
39717			1CV1011D	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39718			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39719					DH	38069C	E-359	
39720					DH	38069B*	E-359, 340	
39720A					EE	38069B*	E-340, 359	
39720B					V	38069B*	E-340, 359	
39720C					AB	38069B*	E-340, 359	
39721					AB	38069A	E-350	
39722					V	JB3805	E-350	
39723					V	38514A	E-350	
39724					V	1CJL	E-350	
39725					U	1CJL	E-349-3	
39726					CC	1CJL	E-347	
39727					DD	1CJL	E-356-6	
39728					DD	1CPL	E-356	
39729					DD	1CP62A	E-353	
39730					FF	1CP62A	E-353	
39731					FF	1CPA62	E-353	
39732			1CV1011G	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39733					DH	38069D	E-359	
39734			C5717	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39735			C5762A	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39736			EV1011	V1011 TERMINAL BOX (CH. 1)	DH		E-359	
39737			JT6802	V1011 JUNCTION BOX (CH. 1)	DH		E-359	
39738			NV1011	V1011 LOCAL CONTROLLER (CH. 1)	DH		E-359	
39739			SV1011	V1011 SOLENOID VALVE (CH. 1)	DH		E-359	
39740			V1011	MN STM LINE #1 WU. ISO VLV (CH. 1)	DH		E-359	
40560		PSV-SP17A1	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40561		PSV-SP17A2	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40562		PSV-SP17A3	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40563		PSV-SP17A4	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40564		PSV-SP17A5	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40565		PSV-SP17A6	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40566		PSV-SP17A7	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40567		PSV-SP17A8	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40568		PSV-SP17A9	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40569		PSV-SP17B1	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40570		PSV-SP17B2	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40571		PSV-SP17B3	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40572		PSV-SP17B4	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40573		PSV-SP17B5	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40574		PSV-SP17B6	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40575		PSV-SP17B7	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40576		PSV-SP17B8	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40577		PSV-SP17B9	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40700	MUPS	E25-1	N/A	LETDOWN COOLER 1-1	D	MAN		
40705		E25-2	N/A	LETDOWN COOLER 1-2	D	MAN		

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
40705A	MUPS	E26-1	N/A	RCP SEAL COOLER 1	AB	N/A		
40705B		E26-2	N/A	RCP SEAL COOLER 2	AB	N/A		
40715		F-35	N/A	PURIFICATION DEMINERALIZER FILTER 1-1	G	MAN		
40710		F5-1	N/A	PRIMARY DEMINERALIZER FILTER 1-1	G	MAN		
40720		F59-1	N/A	SEAL INJECTION FILTER 1-1	V	MAN		
40725		F59-2	N/A	SEAL INJECTION FILTER 1-2	V	MAN		
40745		HP1556	N/A	MU RECIRCULATION TO BWST	AB	MAN		
40730		HP26	N/A	HPI TO RCP SEALS	AB	MAN		
40735		HP27	N/A	HPI TO RCP SEALS	A	MAN		
40740		HP29	N/A	MU RECIRCULATION TO BWST	AB	MAN		
40800		MU01A	2CBF1237C	MVMU01A CONTROL CIRCUIT	DF	47078A	E-347	
40801					DF	2CLA	E-347	
40802					DF	2CKM	E-346, 347	
40803					X	2CKM	E-346	
40804					X	46739C	E-346	
40805			2CBF1237D	MVMU01A CONTROL CIRCUIT	D	29092A	E-373	
40806					D	JT2917	E-373	
40807					D	29075B	E-373	
40808					D	JB2925	E-373	
40809					D	29075A	E-369, 373	
40810					D	JB3930	E-369	
40811					D	49075A	E-362, 369	
40812					A	Exposed	E-378B-3	
40813			2CBF1237E	MVMU01A CONTROL CIRCUIT	X	46526B	E-346	
40814					X	46739A	E-346	
40815					X	2CKM	E-346	
40816			2CBF1237F	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40817					DD	2CP02C	E-356-8	
40818					DD	2CPN	E-356-7	
40819					DD	2CKM	E-356-7	
40820					DF	2CKM	E-346, 347	
40821					X	2CKM	E-346	
40822					X	46526C	E-346	
40823			2CBF1237G	MVMU01A CONTROL CIRCUIT	D	29093B	E-373	
40824					D	JB2911	E-373	
40825					D	29063A	E-373	
40826					D	JB2911	E-373	
40827					D	JB2920	E-373	
40828					D	49161A	E-362, 373	
40829					A	Exposed	E-378B-3	
40830			2CBF1237J	MVMU01A CONTROL CIRCUIT	X	46247A	E-346	
40831					X	46892C	E-346	
40832					X	2CKL	E-346	
40833					X	2CKM	E-346	
40834					X	46739C	E-346	
40835			2CBF1237K	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40836					DD	2CP02C	E-356-8	
40837					DD	2CPN	E-356-7	
40838					DD	2CKM	E-356-7	
40839					DF	2CKM	E-347	
40840					X	46526C	E-346	
40841					X	2CKM	E-346	
40842			2PBF1237A	MVMU01A POWER CIRCUIT	DF	46085A	E-346	
40843					X	46085A	E-346	
40844			2PBF1237B	MVMU01A POWER CIRCUIT	D	29032A	E-373	
40845					D	JB2916	E-373	
40846					D	49076A	E-373	
40847					A	Exposed	E-378B-3	
40848			BF1237	MVMU01A CIRCUIT BREAKER (CH. 2)	X		E-346	
40849			CS703	MVMU01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
40850			CDF-12A-2	MVMU01A DISCONNECT SWITCH (CH. 2)	X		E-346	
40851			MVMU01A	LETDOWN COOLER 1-1 INLET VALVE (CH. 2)	D		E-373	
40852			P2C5GI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40853			P2C5GX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
40854			P2P5FI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40855			P2P5FX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
40856			RC4605	MVMU01A RELAY CABINET (CH. 2)	X		E-346	
40900		MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	DF	47078A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
40901	MUPS	MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	DF	2CLA	E-346	
40902					DF	2CKM	E-346	
40903					X	2CKM	E-346	
40904					X	46740A	E-346	
40905			2CBF1238D	MVMU01B CONTROL CIRCUIT	D	29091A	E-373	
40906					D	JT2917	E-373	
40907					D	29075B	E-373	
40908					D	JB2925	E-373	
40909					D	29075A	E-369, 373	
40910					D	JB3930	E-369	
40911					D	49075A	E-362, 369	
40912					A	Exposed	E-378B-3	
40913			2CBF1238E	MVMU01B CONTROL CIRCUIT	X	46526B	E-346	
40914					X	46739A	E-346	
40915					X	2CKM	E-346	
40916			2CBF1238F	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40917					DD	2CP02C	E-356-8	
40918					DD	2CPN	E-356-7	
40919					DD	2CKM	E-356-7	
40920					DF	2CKM	E-346, 347	
40921					X	2CKM	E-346	
40922					X	46526C	E-346	
40923			2CBF1238G	MVMU01B CONTROL CIRCUIT	D	29094A	E-373	
40924					D	JB2911	E-373	
40925					D	29063A	E-373	
40926					D	JB2920	E-373	
40927					D	49161A	E-362, 373	
40928					A	Exposed	E-378B-3	
40929			2CBF1238J	MVMU01B CONTROL CIRCUIT	X	46247A	E-346	
40930					X	46892C	E-346	
40931					X	2CKL	E-346	
40932					X	46739C	E-346	
40933					X	2CKM	E-346	
40934			2CBF1238K	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40935					DD	2CP02C	E-356-8	
40936					DD	2CPN	E-356-7	
40937					DD	2CKM	E-356-7	
40938					DF	2CKM	E-347	
40939					X	46526C	E-346	
40940			2PBF1238A	MVMU01B POWER CIRCUIT	DF	46085A	E-346	
40941					X	46085A	E-346	
40942			2PBF1238B	MVMU01B POWER CIRCUIT	D	29033A	E-373	
40943					D	JB2916	E-373	
40944					D	49076A	E-373	
40945					A	Exposed	E-378B-3	
40946			BF1238	MVMU01B CIRCUIT BREAKER (CH. 2)	X		E-346	
40947			C5703	MVMU01B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
40948			CDF-12A-2	MVMU01B DISCONNECT SWITCH (CH. 2)	X		E-346	
40949			MVMU01B	LETDOWN COOLER 1-2 INLET VALVE (CH. 2)	D		E-373	
40950			P2C5GI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40951			P2C5GX	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
40952			P2P5FI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40953			P2P5FX	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
40954			RC4605	MVMU01B RELAY CABINET (CH. 2)	X		E-346	
41000		MU02A	1CBEL171C	MVMU02A CONTROL CIRCUIT	AB	38076A	E-350	
41001					AB	1CJF	E-350	
41002					V	1CJF	E-350	
41003			1CBEL171D	MVMU02A CONTROL CIRCUIT	D	29121A	E-373	
41004					D	JB2903	E-374	
41005					D	29018C	E-374	
41006					D	29018B*	E-364	
41007					D	29018A	E-363	
41008					AB	Exposed	E-378B-3	
41009			1CBEL171E	MVMU02A CONTROL CIRCUIT	V	1CJM	E-350	
41010					V	38563A	E-350	
41011					V	1CJF	E-350	
41012			1CBEL171F	MVMU02A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
41013					DD	1CP17A	E-356-8	
41014					DD	1CPM	E-356-6	
41015					DD	1CPT	E-356-6	
41016					DD	1CPL	E-356-6	
41017					DD	1CJL	E-356-6	
41018					CC	1CJL	E-347	
41019					U	1CJL	E-349-3	
41020					V	38562A	E-350	
41021					V	1CJL	E-350	
41022			1CBEL171G	MVMU02A CONTROL CIRCUIT	FF	1CP63C	E-424	
41023					DD	1CP63C	E-424	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41024	MUPS	MU02A	1CBE1171G	MVMU02A CONTROL CIRCUIT	DD	1CPL	E-356-6	
41025					DD	1CJM	E-356-6	
41026					CC	1CJM	E-347	
41027					U	1CJM	E-349-3	
41028					V	1CJM	E-350	
41029					V	1CJP	E-350	
41030			1PBEL171A	MVMU02A POWER CIRCUIT	AB	JB3806	E-350	
41031					AB	1FJA	E-350	
41032					AB	38003A	E-340	
41033					V	38003A	E-340	
41034			1PBEL171B	MVMU02A POWER CIRCUIT	D	29120A	E-373	
41035					D	JB2904	E-374	
41036					D	29019C	E-374	
41037					D	29019B*	E-364	
41038					D	29019A	E-363	
41039					AB	Exposed	E-378B-3	
41040			BE1171	MVMU02A CIRCUIT BREAKER (CH. 1)	V		E-350	
41041			C5717	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41042			C5763C	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41043			CDE-11B-1	MVMU02A DISCONNECT SWITCH (CH. 1)	V		E-350	
41044			MVMU02A	LETDOWN COOLER OUTLET ISO VALVE (CH. 1)	D		E-373	
41045			P1C2LI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41046			P1C2LX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41047			P1P2MI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41048			P1P2MX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41100		MU02B	1CBE1172C	MVMU02B CONTROL CIRCUIT	V	1CJP	E-350	
41101					AB	1CJP	E-350	
41102					AB	38076A	E-350	
41103			1CBE1172D	MVMU02B CONTROL CIRCUIT	D	29015C	E-373	
41104					D	29015B*	E-364	
41105					D	29015A	E-363	
41106					AB	Exposed	E-378B-3	
41107			1CBE1172E	MVMU02B CONTROL CIRCUIT	V	1CJM	E-350	
41108					V	38563A	E-350	
41109					V	1CJP	E-350	
41110			1CBE1172F	MVMU02B CONTROL CIRCUIT	FF	1CP02A	E-356-8	
41111					DD	1CP02A	E-356-8	
41112					DD	1CPM	E-356-6	
41113					DD	1CPT	E-356-6	
41114					DD	1CPL	E-356-6	
41115					DD	1CJL	E-356-6	
41116					CC	1CJL	E-347	
41117					U	1CJL	E-349-3	
41118					V	1CJL	E-350	
41119					V	38562A	E-350	
41120			1CBE1172G	MVMU02B CONTROL CIRCUIT	AB	EV1530	E-350	
41121					AB	38451A	E-350	
41122					AB	38013B	E-350	
41123					V	JB3805	E-350	
41124					V	38210A	E-350	
41125					V	38013B	E-350	
41126					V	1CJP	E-350	
41127			1CBE1172H	MVMU02B CONTROL CIRCUIT	D	Flex	E-373	
41128					D	JB2919	E-373	
41129					D	29122E	E-373	
41130					D	29122C	E-373	
41131					D	29122A	E-373	
41132					D	JB2912	E-373	
41133					D	29055A	E-363	
41134					AB	Exposed	E-378B-3	
41135			1CBE1172I	MVMU02B CONTROL CIRCUIT	D	29122B	E-373	
41136					D	29122A	E-373	
41137					D	JB2912	E-373	
41138					D	29055A	E-363	
41139					AB	Exposed	E-378B-3	
41140			1CBE1172J	MVMU02B CONTROL CIRCUIT	D	29122D	E-373	
41141					D	29122C	E-373	
41142					D	29122A	E-373	
41143					D	JB2912	E-373	
41144					D	29055A	E-363	
41145					AB	Exposed	E-378B-3	
41146			1PBEL172A	MVMU02B POWER CIRCUIT	AB	38004B	E-340	
41147					V	38004A	E-340	
41148			1PBEL172B	MVMU02B POWER CIRCUIT	D	29014C	E-373	
41149					D	29014B*	E-364	
41150					D	29014A	E-363	
41151					AB	Exposed	E-378B-3	
41152			BE1172	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	V		E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41153	MUPS	MU02B	CS703	MVMU02B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41154			CDE-11B-1	MVMU02B DISCONNECT SWITCH (CH. 1)	V		E-350	
41155			FPSH3759	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41156			FPSH3763	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41157			FTSH3745B	MVMU02B TEMPERATURE SWITCH (CH. 1)	D		E-373	
41158			MVMU02B	LETDOWN COOLER INLET ISO VALVE (CH. 1)	D		E-373	
41159			P1C2LI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41160			P1C2LX	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41161			P1P2MI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41162			P1P2MX	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41163			RC3801	MVMU02B RELAY CABINET (CH. 1)	AB		E-350	
41200		MU03	2CSF1744A	SVMU03 CONTROL CIRCUITS	FF	2CP17C	E-356-8	
41201					DD	2CP17C	E-356-8	
41202					DD	2CPN	E-356-7	
41203					DD	2CED	E-356-7	
41204					A	2CED	E-349-2	
41205					A	37611A	E-349-2	
41206					A	37611A	E-349-2	
41207			2CSF1744B	SVMU03 CONTROL CIRCUITS	A	37611A	E-349-2	
41208					A	37611A	E-335	
41209					A	2CED	E-335	
41210					A	2CEG	E-335	
41211					A	2CEH	E-335	
41212					A	28110A	E-335	
41213					AB	28110A	E-335	
41214					G	28110A	E-336	
41215					AB	JB2809	E-336	
41216					AB	28442F	E-336	
41217					AB	28442G	E-336	
41218			2CVMU03A	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41219			2CVMU03B	SVMU03 CONTROL CIRCUITS	AB	Nipple	E-336	
41220			2CVMU03C	SVMU03 CONTROL CIRCUIT	FF	2CP17C	E-353	
41221					DD	2CP17C	E-356-1	
41222					DD	2CPN	E-356-1	
41223					DD	2CEV	E-356-1	
41224					CC	2CEV	E-347	
41225					U	2CEV	E-349-3	
41226					U	28107C	E-349-3	
41228					U	28107B*	E-339, 340	
41228A					V	28107B*	E-339, 340	
41228B					G	28107B*	E-339, 340	
41228C					AB	28107B*	E-339, 340	
41228D					AB	28107B*	E-339, 340	
41229					AB	28107A	E-336	
41230					AB	JB2809	E-336	
41231					AB	28236A	E-336	
41232			2CVMU03D	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41233			2CVMU03E	SVMU03 CONTROL CIRCUIT	FF	2CP56D	E-356-10	
41234					DD	2CP56D	E-356-10	
41235					DD	2CPN	E-356-7	
41236					DD	2CEV	E-356-7	
41237					CC	2CEV	E-347	
41238					U	2CEV	E-349-3	
41239					U	28107C	E-349-3	
41240					U	28107B*	E-339, 340	
41240A					V	28107B*	E-339, 340	
41240B					G	28107B*	E-339, 340	
41240C					AB	28107B*	E-339, 340	
41240D					AB	28107B*	E-339, 340	
41241					AB	28107A	E-336	
41242					AB	JB2809	E-336	
41243					AB	28236A	E-336	
41244			CS715	SVMU03 CONTROL ROOM PANEL	FF		E-353	
41245			EVMU03	SVMU03 TERMINAL BOX	AB		E-336	
41246			FPSLLMU03	SVMU03 PRESSURE SWITCH	AB		E-336	
41247			NVMU03	SVMU03 LOCAL CONTROLLER	AB		E-336	
41248			RC3703	SVMU03 RELAY CABINET	A		E-349-2	
41249			SVMU03	RC LETDOWN ISOLATION VALVE	AB		E-336	
42112		MU04	ACBE2259B	MU4 CONTROL CIRCUIT	G	28419A	E-336	
42113					AB	28419A	E-336	
42100			ACBE2259C	MU4 CONTROL CIRCUIT	G	28428A	E-336	
42101					G	ACFG	E-336	
42102					V	ACFG	E-350	
42103					V	ACJH	E-349, 350	
42104					A	ACJH	E-349	
42105					U	ACJH	E-349	
42106					CC	ACJH	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42107	MUPS	MU04	ACBE2259C	MU4 CONTROL CIRCUIT	DD	ACJH	E-356	
42108					DD	ACPG	E-356	
42109					DD	ACPR	E-356	
42110					DD	ACP02B	E-356	
42111					FF	ACP02B	E-356	
42114			ACBE2259D	MU4 CONTROL CIRCUIT	AB	28206A	E-336	
42115			ACBE2259E	MU4 CONTROL CIRCUIT	AB	NIPPLE	E-336	
42116			APBE2259A	MU4 POWER CIRCUIT	G	28418A	E-336	
42117					AB	28418A	E-336	
42118			BE2259	MU4 CIRCUIT BREAKER (CH A)	G		E-336	
42119			CS703	MU4 CONTROL ROOM PANEL (CH A)	FF		E-353	
42120			EVMU040	MU4 TERMINAL BOX	AB		E-336	
42121			MVMU040	LETDOWN PRESSURE REDUCING VALVE	AB		E-336	
41300		MU10A	ACBE2262B	MU10A CONTROL CIRCUIT	G	28415A	E-336	
41301					G	28415A	E-336	
41302			ACBE2262C	MU10A CONTROL CIRCUIT	G	28431A	E-336	
41303					G	ACFG	E-336	
41304					V	ACFG	E-350	
41305					V	ACJH	E-349, 350	
41306					A	ACJH	E-349	
41307					U	ACJH	E-349	
41308					CC	ACJH	E-347	
41309					DD	ACJH	E-356	
41310					DD	ACPG	E-356	
41311					DD	ACPR	E-356	
41312					DD	ACP02B	E-356	
41313					FF	ACP02B	E-356	
41314			ACBE2262D	MU10A CONTROL CIRCUIT	G	28214A	E-336	
41315			ACBE2262E	MU10A CONTROL CIRCUIT	G	NIPPLE	E-336	
41316			APBE2262A	MU10A POWER CIRCUIT	G	28414A	E-336	
41317					G	28414A	E-336	
41318			BE2262	MU10A CIRCUIT BREAKER (CH A)	G		E-336	
41320			CS703	MU10A CONTROL ROOM PANEL (CH A)	FF		E-353	
41319			EVMU10A	MU10A TERMINAL BOX	G		E-336	
41321			MVMU10A	PURIFICATION DEMIN 1-1 IN VALVE	G		E-336	
41322			NVMU10A	MU10A LOCAL CONTROLLER	G		E-336	
41400		MU10B	ACBE2263B	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41401					G	28413A	E-336	
41402			ACBE2263C	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41403					G	ACFG	E-336	
41404					V	ACFG	E-350	
41405					V	ACJH	E-349, 350	
41406					A	ACJH	E-349	
41407					U	ACJH	E-349	
41408					CC	ACJH	E-347	
41409					DD	ACJH	E-356	
41410					DD	ACPG	E-356	
41411					DD	ACPR	E-356	
41412					DD	ACP02B	E-356	
41413					FF	ACP02B	E-356	
41414			ACBE2263D	MU10B CONTROL CIRCUIT	G	28213A	E-336	
41415			ACBE2263E	MU10B CONTROL CIRCUIT	G	NIPPLE	E-336	
41416			APBE2263A	MU10B POWER CIRCUIT	G	28412A	E-336	
41417					G	28412A	E-336	
41418			BE2263	MU10B CIRCUIT BREAKER (CH A)	G		E-336	
41419			CS703	MU10B CONTROL ROOM PANEL (CH A)	FF		E-353	
41420			EVMU10B	MU10B TERMINAL BOX	G		E-336	
41421			MVMU10B	PURIFICATION DEMIN 1-2 IN VALVE	G		E-336	
41422			NVMU10B	MU10B LOCAL CONTROLLER	G		E-336	
41500		MU11	ACBE2278B	MU11 CONTROL CIRCUIT	G	28005A	E-336	
41501					G	28005A	E-336	
41502					G	28005B	E-336	
41503			ACBE2278C	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41504					G	ACFG	E-336	
41505					V	ACFG	E-350	
41506					V	ACJH	E-349, 350	
41507					A	ACJH	E-349	
41508					U	ACJH	E-349	
41509					CC	ACJH	E-347	
41510					DD	ACJH	E-356	
41511					DD	ACPG	E-356	
41512					DD	ACPR	E-356	
41513					DD	ACP02B	E-356	
41514					FF	ACP02B	E-356	
41515			ACBE2278D	MU11 CONTROL CIRCUIT	G	28430A	E-356	
41516					G	ACFG	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41517	MUPS	MU11	ACBE2278D	MU11 CONTROL CIRCUIT	G	28455A	E-336	
41518					G	ACFH	E-336	
41519					G	28300A	E-336	
41520			ACBE2278E	MU11 CONTROL CIRCUIT	G	28216A	E-336	
41521			ACBE2278F	MU11 CONTROL CIRCUIT	G	28355A	E-336	
41522			ACBE2278G	MU11 CONTROL CIRCUIT	G	NIPPLE	E-336	
41523			ACBE2278I	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41524					G	ACFH	E-336	
41525					G	28455A	E-336	
41526					G	ACFG	E-336	
41527					V	ACFG	E-350	
41528					V	ACJH	E-349, 350	
41529					A	ACJH	E-349	
41530					U	ACJH	E-349	
41531					CC	ACJH	E-347	
41532					DD	ACJH	E-356	
41533					DD	ACPG	E-356	
41534					DD	ACPR	E-356	
41535					DD	ACPO2B	E-356	
41536					FF	ACPO2B	E-356	
41537			ACBE2278J	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41538					G	ACFH	E-336	
41539					G	28254A	E-336	
41540					G	JB2805	E-336	
41541					G	ACFB	E-336	
41542					G	ACAB	E-335, 336	
41543					G	ACDA	E-335	
41544					U	ACDA	E-349	
41545					CC	ACDA	E-347	
41546					DD	ACDA	E-356	
41547					DD	ACPG	E-356	
41548					DD	ACEN	E-356	
41549					DD	ACP61B	E-356	
41550					FF	ACP61B	E-356	
41551			ACBE2278L	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41552					G	ACFG	E-336	
41553					V	ACFG	E-350	
41554					V	ACJH	E-349, 350	
41555					A	ACJH	E-349	
41556					U	ACJH	E-349	
41557					CC	ACJH	E-349	
41558					DD	ACJH	E-356	
41559					DD	ACPG	E-356	
41560					DD	ACPS9C	E-356	
41561					FF	ACPS9C	E-356	
41562			ACBE2278M	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41563					G	ACFH	E-336	
41564					G	28305A	E-336	
41565					G	28305A	E-336	
41566					G	28305C	E-336	
41567					G	EVMU11	E-336	
41568					G	28216A	E-336	
41569			ACBE2278N	MU11 CONTROL CIRCUIT	G	28299A	E-336	
41570					G	ACFH	E-336	
41571					G	28305A	E-336	
41572					G	28305A	E-336	
41573					G	28305C	E-336	
41574			APBE2278A	MU11 POWER CIRCUIT	G	28004A	E-336	
41575					G	28004A	E-336	
41576					G	28004B	E-336	
41577			BE2278	MU11 CIRCUIT BREAKER (CH A)	G		E-336	
41578			C5702	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41580			C5759C	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41579			C5761B	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41581			EVMU110	MU11 TERMINAL BOX	G		E-336	
41583			MVMU110	RC LET DOWN, DIVERTING VALVE	G		E-336	
41584			NVMU110	MU11 LOCAL CONTROLLER	G		E-336	
41582			RC2825	MU11 RELAY CABINET	G		E-336	
41584A		MU182	N/A	SEAL RETURN TO MU TANK ISO VLV	G	N/A		
41600		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	DD	BCP59C	E-356-10	
41601					V	BCFE	E-348	
41602					FF	BCP59C	E-356-10	
41603					DD	BCPC	E-356-4	
41604					DD	BCFE	E-356-4	
41605					V	BCFE	E-348, 347	
41606					DG	BCFE	E-348	
41607					AB	BCFE	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41608	MUPS	MU19	BCNNI261C	MU19 CONTROL CIRCUIT	AB	BCJB	E-350	
41609					AB	27126A	E-350	
41610					AB	27126A	E-336	
41611			BCNNI264A	MU19 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41612					DD	BCP59C	E-356-10	
41613					DD	BCPC	E-356-4	
41614					V	BCFE	E-348, 347	
41615					DD	BCFE	E-356-4	
41616					AB	BCJE	E-350	
41617					AB	28025A	E-350	
41618					DG	BCFE	E-348	
41619					V	BCFE	E-348	
41620			BCY36218A	MU19 CONTROL CIRCUIT	DD	BCLB	E-356-4	
41621					V	BCLB	E-347, 348	
41622					V	48090C	E-348	
41623					V	BCFE	E-348	
41624					DG	BCFE	E-348	
41625					DD	BCPC	E-356-4	
41626					DD	BCKQ	E-356-4	
41627					AB	BCFE	E-350	
41628					V	BCFE	E-348	
41629					AB	BCFE	E-336	
41630					AB	28058A	E-336	
41631					II	36261B	E-338	
41632					II	BCVL	E-338	
41633					P	BCVL	E-338	
41634					P	BCGN	E-338	
41635					A	BCGN	E-338, 349-2	
41636					A	BCGN	E-349-2, 356-4	
41637					DD	BCGN	E-356-4	
41638					DD	BCKV	E-356-4	
41639					DD	BCPR	E-356-4	
41640			BLNNI261D	MU19 CONTROL CIRCUIT	CC	BLDE	E-347	
41641					U	BLDE	E-349-3	
41642					DD	BLP59C	E-356-10	
41643					DD	BLPA	E-356-5	
41644					DD	BLDE	E-356-5	
41645					FF	BLP59C	E-356-10	
41646					G	BLDE	E-335	
41647					G	BLET	E-335	
41648					G	27127C	E-335	
41649					AB	27127C	E-336	
41650					G	27127C	E-336	
41651			BLNNI264B	MU19 CONTROL CIRCUIT	DG	BLFC	E-348	
41652					DD	BLP59C	E-356-10	
41653					FF	BLP59C	E-356-10	
41654					DD	BLPA	E-356-5	
41655					DD	BLFC	E-356-5	
41656					V	BLFC	E-348, 347	
41657					AB	BLFC	E-350	
41658					AB	28025B	E-350	
41659			C5759C	MU19 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41660			FTMU19	MU19 FLOW TRANSMITTER (CH. B)	AB		E-332	
41661			FYMU19-2	MU19 FLOW CONVERTER (CH. B)	AB		E-350	
41662			VMU19	SEAL INJECTION INLET ISOLATION VALVE	AB		E-350	
41663			Y3602	MU19 120V AC FUSE PANEL (CH. B)	II		E-338	
41664			ZTMU19	MU19 LIMIT SWITCH (CH. B)	AB		E-350	
41700	MU1903		ACBE2271B	MU1903 CONTROL CIRCUIT	G	28409A	E-336	
41701					G	28409A	E-336	
41702			ACBE2271C	MU1903 CONTROL CIRCUIT	G	28428A	E-336	
41703					G	ACFG	E-336	
41704					V	ACFG	E-350	
41705					V	ACJH	E-349, 350	
41706					A	ACJH	E-349	
41707					U	ACJH	E-349	
41708					CC	ACJH	E-347	
41709					DD	ACJH	E-356	
41710					DD	ACFG	E-356	
41711					DD	ACPR	E-356	
41712					DD	ACP02B	E-356	
41713					FF	ACP02B	E-356	
41714			ACBE2271D	MU1903 CONTROL CIRCUIT	G	28211A	E-336	
41715			ACBE2271E	MU1903 CONTROL CIRCUIT	G	NIPPLE	E-336	
41716			APBE2271A	MU1903 POWER CIRCUIT	G	28408A	E-336	
41717					G	28408A	E-336	
41718			BE2271	MU1903 CIRCUIT BREAKER (CH A)	G		E-336	
41719			C5703	MU1903 CONTROL ROOM PANEL (CH A)	FF		E-353	
41720			EV19030	MU1903 TERMINAL BOX	G		E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41721	MUPS	MU1903	NV19030	PURIFICATION DEMIN 1-3 IN VALVE	G		E-336	
41722			NV19030	NV1903 LOCAL CONTROLLER	G		E-336	
41722A		MU203	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
41722B		MU206	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
43860		MU208	N/A	HPI TO RCP SEALS	AB	MAN		
43860A		MU214	N/A	SEAL INJ INLET MAN ISO VLV	AB	N/A		
43860B		MU216	N/A	SEAL INJ FLOW CONTRL BYPASS VLV	AB	N/A		
41800		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41801					DD	BCP59C	E-356-10	
41802					DD	BCPC	E-356-4	
41803					DD	BCPR	E-356-4	
41804					DD	BCPE	E-356-4	
41805					CC	BCBQ	E-347	
41806					U	BCBQ	E-349-3	
41807					G	BCBQ	E-335	
41808					G	27218A	E-335	
41809					AB	27218A	E-335	
41810			BCY36217A	MU32 CONTROL CIRCUIT	U	37475C	E-349-3	
41811					U	BCHD	E-349-3	
41812					A	BCHD	E-349-2	
41813					AB	27232B	E-335	
41814					G	27232B	E-335	
41815					G	BCBQ	E-335	
41816					U	BCBQ	E-349-3	
41817					A	BCJD	E-349-2	
41818					A	BCHK	E-349-2	
41819					A	BCGM	E-349-2	
41820					A	36542A	E-349-2	
41821					A	BCGN	E-349-2	
41822					P	BCGN	E-338	
41823					P	BCVL	E-338	
41824					II	BCVL	E-338	
41825					II	36261A	E-338	
41826			BLCOP532A	MU32 INSTRUMENTATION CIRCUIT	FF	BLP52F	E-356-10	
41827					DD	BLP52F	E-356-10	
41828					DD	BLPA	E-356-5	
41829					DD	BLJK	E-356-5	
41830					A	BLJK	E-347, 349-2	
41831					A	BLJK	E-349-2	
41832					A	BLHC	E-349-2	
41833					U	BLHC	E-349-3	
41834					U	37508A	E-349-3	
41835			BLCOP532C	MU32 INSTRUMENTATION CIRCUIT	U	37508A	E-349-3	
41836					U	BLHC	E-349-3	
41837					U	37164A	E-349-3	
41838					U	BLDE	E-349-3	
41839					G	BLDE	E-335	
41840					G	BLDE	E-335	
41841					G	27232A	E-335	
41842					AB	27232A	E-335	
41843			BLNNI264D	MU32 CONTROL CIRCUIT	FF	BLP59C	E-356-10	
41844					DD	BLP59C	E-356-10	
41845					DD	BLPA	E-356-5	
41846					DD	BLDE	E-356-5	
41847					CC	BLDE	E-347	
41848					U	BLDE	E-349-3	
41849					G	BLDE	E-335	
41850					G	BLDE	E-335	
41851					G	27218B	E-335	
41852					AB	27218B	E-335	
41852A			BLNNI264H	MU32 CONTROL CIRCUIT	AB	27218C	E-335	
41853			CS752F	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41854			CS759C	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41855			FYMU32	MU32 FLOW CONVERTER (CH. B)	AB		E-335	
41855A			FYMU32A	MU32 FLOW CONVERTER I/P	AB		E-335	
41856			FZTMU32	MU32 LIMIT SWITCH (CH. B)	AB		E-335	
41857			JT3708	MU32 TERMINAL BOX (CH. B)	U		E-349-3	
41858			MU32	RC MAKEUP ISOLATION VALVE (CH. B)	AB		E-335	
41859			Y3602	MU32 120V AC FUSE PANEL (CH. B)	II		E-338	
41915		MU38	2CVMU38A	SVMU38 CONTROL CIRCUIT	AB	28235A	E-336	
41916			2CVMU38B	SVMU38 CONTROL CIRCUIT	AB	Nipple	E-336, 418	
41917			2CVMU38C	SVMU38 CONTROL CIRCUIT	FF	2CP17C	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41918	MUPS	MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	DD	2CP17C	E-356-8	
41919					DD	2CPN	E-356-7	
41920					DD	2CEV	E-356-7	
41921					CC	2CEV	E-347	
41922					U	2CEV	E-349-3	
41923					U	28107C	E-349-3	
41924					U	28107B*	E-339, 340	
41924A					V	28107B*	E-339, 340	
41924B					G	28107B*	E-339, 340	
41924C					AB	28107B*	E-339, 340	
41924D					AB	28107B*	E-339, 340	
41925					AB	28107A	E-336	
41926					AB	JB2809	E-336	
41927					AB	28234A	E-336	
41928			2CVMU38D	SVMU38 CONTROL CIRCUIT	FF	2CP56D	E-424	
41929					DD	2CP56D	E-424	
41930					DD	2CPN	E-356-7	
41931					DD	2CEV	E-356-7	
41932					CC	2CEV	E-347	
41933					U	2CEV	E-349-3	
41934					U	28107C	E-349-3	
41935					U	28107B*	E-339, 340	
41935A					V	28107B*	E-339, 340	
41935B					G	28107B*	E-339, 340	
41935C					AB	28107B*	E-339, 340	
41935D					AB	28107B*	E-339, 340	
41936					AB	28107A	E-336	
41937					AB	JB2809	E-336	
41938					AB	28234A	E-336	
41939					AB	28235A	E-336	
41940			2CVMU38E	SVMU38 CONTROL CIRCUIT	AB	28234A	E-336	
41941					AB	JB2809	E-336	
41942					AB	28107A	E-336	
41943					AB	28107B*	E-339, 340	
41943A					AB	28107B*	E-339, 340	
41943B					G	28107B*	E-339, 340	
41943C					V	28107B*	E-339, 340	
41943D					U	28107B*	E-339, 340	
41944					U	28107C	E-349	
41945					U	2CEV	E-356	
41946					CC	2CEV	E-356	
41947					DD	2CEV	E-356	
41948					DD	2CPN	E-356	
41949					DD	2CP56D	E-424	
41950					FF	2CP56D	E-424	
41951			C5717	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41952			C5756D	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41953			EVMU38	SVMU38 TERMINAL BOX (CH. 2)	AB		E-336, 418	
41954			NVMU38	SVMU38 LOCAL CONTROLLER (CH. 2)	AB		E-336, 418	
41955			SVMU38	RCP SEAL RETURN ISOLATION VALVE (CH. 2)	AB		E-336	
42000	MU3971		2CBF1617A	MV3971 CONTROL CIRCUIT	X	46963B	E-346-1	
42001					X	JB4676	E-346-1	
42002					X	46963D	E-346-1	
42003					X	2CKL	E-346-1	
42004					DF	2CKL	E-346-1, 347	
42005					DD	2CKL	E-356-7	
42006					DD	2CPN	E-356-1B, 356-7	
42007					FF	UNSCHEG	E-353	
42008			2CBF1617B	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42009					X	JB4676	E-346	
42010					X	46963B	E-346	
42011			2CBF1617C	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42012					X	JB4676	E-346	
42013					X	46963C	E-346	
42014			2CBF1617E	MV3971 CONTROL CIRCUIT	X	46963A	E-346-1	
42015					X	JB4676	E-346-1	
42016					X	46963D	E-346-1	
42017					X	2CKL	E-346	
42018					DF	2CKL	E-346, 347	
42019					DD	2CKL	E-356-7	
42020					DD	2CPR	E-356-7	
42021					DD	2CKN	E-356-7	
42022					DD	2CED	E-356-7	
42023					DD	2CEG	E-356-7	
42024					A	2CEG	E-347	
42025					A	2CEG	E-335	
42026					A	2CEH	E-335, 335-1	
42027					A	27877A	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42028	MUPS	MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	A	EV64220	E-335	
42029					A	27879A	E-335	
42030					G	27879A	E-335	
42031					AB	27879A	E-335	
42032					AB	JB2761	E-335	
42033					AB	27879F	E-335	
42034			2CBF1617F	MV3971 CONTROL CIRCUIT	AB	27879G	E-335	
42035			2CBF1617G	MV3971 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42036			2BBF1617D	MV3971 POWER CIRCUIT	X	46962A	E-346	
42037					X	46962C	E-346	
42038					X	JB4675	E-346	
42039					X	46962D	E-346	
42040					DF	46962D	E-347	
42041					DF	JB4716	E-347-1	
42042					DF	46962E	E-347-1	
42043					A	46962E	E-349-2	
42044					A	46962E	E-335-1	
42045					A	JB2759	E-335-1	
42046					G	46962G	E-335-1	
42047					AB	JB2760	E-335-1	
42048					AB	46962J	E-335-1	
42056			ACHILOWAA	MV3971 CONTROL CIRCUIT	V	48091A	E-348	
42057					V	ACLC	E-348, 347	
42058					DD	ACLC	E-356	
42059					FF	ACPG	E-353	
42060					FF	ACPS9C	E-356	
42061			ACHILOWAB	MV3971 CONTROL CIRCUIT	FF	ACPS9C	E-356	
42062					FF	ACPG	E-353	
42063					FF	ACPS9C	E-356	
42064					DD	ACPS9C	E-356	
42065			ACHILOWAC	MV3971 CONTROL CIRCUIT	FF	ACPS9C	E-356	
42066					FF	ACPG	E-353	
42067					DD	ACPS9C	E-356	
42068					FF	ACPG	E-353	
42069					DD	ACPS9C	E-356	
42077			AD105	MV3971 CIRCUIT BREAKER (CH B)	DF		E-346	
42049			BCHILOW2A	MV3971 CONTROL CIRCUIT	X	46964A	E-346-1	
42050					X	BCKQ	E-346-1	
42051					DF	BCKQ	E-346-1,347-1	
42052					DD	BCKQ	E-356-4	
42053					DD	BCPC	E-356-4	
42054					DD	BCFE	E-356-4	
42055					V	BCFE	E-347, 348	
42069			BF1617	MV3971 CIRCUIT BREAKER (CH 2)	X		E-346	
42070			C5703	MV3971 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42079			C5759C	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42080			C5760D	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42074			CDP16A	MV3971 DISCONNECT SWITCH (CH 2)	X		E-346	
42071			EV3971	MV3971 TERMINAL BOX (CH 2)	AB		E-335	
42076			JT5722	MV3971 JUNCTION BOX (CH 2)	DD		E-356	
42072			MU3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335	
42073			NV3971	MV3971 LOCAL CONTROLLER (CH 2)	AB		E-335	
42075			RC4606	MV3971 RELAY CABINET (CH 2)	X		E-346	
42078			RC4802	MV3971 RELAY CABINET (CH B)	V		E-338	
42200		MUS9A	1CBE1174C	MUS9A CONTROL CIRCUIT	V	1CJP	E-350	
42201					AB	1CJP	E-350	
42202					AB	38076C	E-350	
42203			1CBE1174D	MUS9A CONTROL CIRCUIT	D	29055A	E-363	
42204					D	JB2912	E-373	
42205					D	29056A	E-373	
42206					AB	Exposed	E-378B-3	
42207			1CBE1174E	MUS9A CONTROL CIRCUIT	V	1CJP	E-350	
42208					V	1CJM	E-350	
42209					V	38563A	E-350	
42210			1CBE1174F	MUS9A CONTROL CIRCUIT	V	38562A	E-350	
42211					V	1CJL	E-349, 350	
42212					U	1CJL	E-349	
42213					CC	1CJL	E-347	
42214					DD	1CJL	E-356	
42215					DD	1CPL	E-356	
42216					DD	1CPT	E-356	
42217					DD	1CPM	E-356	
42218					DD	1CP17A	E-356-8	
42219					FF	1CP17A	E-356-8	
42220			1CBE1174G	MUS9A CONTROL CIRCUIT	V	38378A	E-350	
42221					V	1CJL	E-349, 350	
42222					U	1CJL	E-349	
42223					CC	1CJL	E-347	
42224					DD	1CJL	E-356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42225	MUPS	MU59A	1CBEL174G	MU59A CONTROL CIRCUIT	DD	1CPL	E-356	
42226					DD	1CP63D	E-424	
42227					FF	1CP63D	E-424	
42228			1PBEL174A	MU59A POWER CIRCUIT	V	38006A	E-350	
42228A					V	38006A*	E-340	
42228B					G	38006A*	E-340	
42228C					AB	38006A*	E-340	
42228D					AB	38006A*	E-340	
42229					AB	38006A	E-350	
42230					AB	JB3806	E-350	
42231					AB	1PJA	E-350	
42232			1PBEL174B	MU59A POWER CIRCUIT	D	29035A	E-363	
42233					D	JB2908	E-363	
42234					D	29036A	E-363	
42235					AB	Exposed	E-378B-3	
42236			BE1174	MU59A CIRCUIT BREAKER (CH 1)	V		E-350	
42237			C5717	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42238			C5763D	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42244			CDE11B-1	MU59A DISCONNECT SWITCH (CH 1)	V		E-350	
42243			MVMU59A	RCP2-1 SEAL RET ISO VLV (CH 1)	D		E-363	
42240			P1C2LI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42239			P1C2LX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42242			P1P2MI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42241			P1P2MX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-363	
42300		MU59B	1CBEL175C	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42301					AB	1CJP	E-350	
42302					AB	38076C	E-350	
42303			1CBEL175D	MU59B CONTROL CIRCUIT	D	29055A	E-363	
42304					D	JB2912	E-373	
42305					D	29057A	E-373	
42306					AB	Exposed	E-378B	
42307			1CBEL175E	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42308					V	1CJM	E-350	
42309					V	38563A	E-350	
42310			1CBEL175F	MU59B CONTROL CIRCUIT	V	38562A	E-350	
42311					V	1CJL	E-349, 350	
42312					U	1CJL	E-349	
42313					CC	1CJL	E-347	
42314					DD	1CJL	E-356	
42315					DD	1CPL	E-356	
42316					DD	1CPT	E-356	
42317					DD	1CPM	E-356	
42318					DD	1CP17A	E-356	
42319					FF	1CP17A	E-356	
42320			1CBEL175G	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42321					V	1CJM	E-349, 350	
42322					U	1CJM	E-349	
42323					CC	1CJM	E-347	
42324					DD	1CJM	E-356	
42325					DD	1CPL	E-356	
42326					DD	1CP63D	E-424	
42327					FF	1CP63D	E-424	
42328			1PBEL175A	MU59B POWER CIRCUIT	V	38005A	E-350	
42329					AB	38005B	E-350	
43328A					V	38005A*	E-340	
43328B					G	38005A*	E-340	
43328C					AB	38005A*	E-340	
43328D					AB	38005A*	E-340	
42330			1PBEL175B	MU59B POWER CIRCUIT	D	29035A	E-373	
42331					D	JB2908	E-373	
42332					D	29037A	E-373	
42333					AB	Exposed	E-378B	
42334			BE1175	MU59B CIRCUIT BREAKER (CH 1)	V		E-350	
42335			C5717	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42336			C5763D	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42342			CDE11B-1	MU59B DISCONNECT SWITCH (CH 1)	V		E-350	
42341			MVMU59B	RCP 2-2 SEAL RET ISO VLV (CH 1)	D		E-363	
42338			P1C2LI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42337			P1C2LX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42340			P1P2MI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42339			P1P2MX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42400		MU59C	1CBEL177C	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42401					AB	1CJP	E-350	
42402					AB	38076C	E-350	
42403			1CBEL177D	MU59C CONTROL CIRCUIT	D	29055A	E-363	
42404					D	JB2912	E-373	
42405					D	29058A	E-373	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42406	MUPS	MU59C	1CBEL177D	MU59C CONTROL CIRCUIT	AB	Exposed	E-378B	
42407			1CBEL177E	MU59C CONTROL CIRCUIT	V	38378A	E-350	
42408					V	1CJL	E-350	
42409					V	38561A	E-350	
42410			1CBEL177F	MU59C CONTROL CIRCUIT	V	38559A	E-350	
42411					V	1CJL	E-349, 350	
42412					U	1CJL	E-349	
42413					CC	1CJL	E-347	
42414					DD	1CJL	E-356	
42415					DD	1CPL	E-356	
42416					DD	1CPT	E-356	
42417					DD	1CPM	E-356	
42418					DD	1CP17A	E-356	
42419					FF	1CP17A	E-356	
42420			1CBEL177G	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42421					V	1CJM	E-349, 350	
42422					U	1CJM	E-349	
42423					CC	1CJM	E-347	
42424					DD	1CJM	E-356	
42425					DD	1CPL	E-356	
42426					DD	1CP63D	E-424	
42427					FF	1CP63D	E-424	
42428			1PBEL177A	MU59C POWER CIRCUIT	V	38007A	E-350	
42428A					V	38007A*	E-340	
42428B					G	38007A*	E-340	
42428C					AB	38007A*	E-340	
42428D					AB	38007A*	E-340	
42429					AB	38007B	E-350	
42430			1PBEL177B	MU59C POWER CIRCUIT	D	29035A	E-373	
42431					D	JB2908	E-373	
42432					D	29038A	E-373	
42433					AB	Exposed	E-378B	
42434			BE1177	MU59C CIRCUIT BREAKER (CH 1)	V		E-350	
42439			C5717	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42440			C5763D	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42441			CDE11B-2	MU59C DISCONNECT SWITCH (CH 1)	V		E-350	
42442			MVMU59C	RCP 1-1 SEAL RET VLV (CH 1)	D		E-363	
42436			P1C2LI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42435			P1C2LX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42438			P1P2MI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42437			P1P2MX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42500		MU59D	1CBEL178C	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42501					AB	1CJP	E-350	
42502					AB	38076A	E-350	
42503			1CBEL178D	MU59D CONTROL CIRCUIT	D	29055A	E-363	
42504					D	JB2912	E-373	
42505					D	29059A	E-373	
42506					AB	Exposed	E-378B	
42507			1CBEL178E	MU59D CONTROL CIRCUIT	V	38378A	E-350	
42508					V	1CJL	E-350	
42509					V	38560A	E-350	
42510			1CBEL178F	MU59D CONTROL CIRCUIT	V	38559A	E-350	
42511					V	1CJL	E-349, 350	
42512					U	1CJL	E-349	
42513					CC	1CJL	E-347	
42514					DD	1CJL	E-356	
42515					DD	1CPL	E-356	
42516					DD	1CPT	E-356	
42517					DD	1CPM	E-356	
42518					DD	1CP17A	E-356	
42519					FF	1CP17A	E-356	
42520			1CBEL178G	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42521					V	1CJM	E-349, 350	
42522					U	1CJM	E-349	
42523					CC	1CJM	E-347	
42524					DD	1CJM	E-356	
42525					DD	1CPL	E-356	
42526					DD	1CP63D	E-424	
42527					FF	1CP63D	E-424	
42528			1PBEL178A	MU59D POWER CIRCUIT	V	38008A	E-350	
42528A					V	38008A*	E-340	
42528B					G	38008A*	E-340	
42528C					AB	38008A*	E-340	
42528D					AB	38008A*	E-340	
42529					AB	38008A	E-350	
42530					AB	JB3806	E-350	
42531					AB	1PJA	E-350	
42532			1PBEL178B	MU59D POWER CIRCUIT	D	29035A	E-373	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42533	MUPS	MU59D	1PB1178B	MU59D POWER CIRCUIT	D	JB2908	E-373	
42534					D	29039A	E-373	
42535					AB	Exposed	E-378B	
42536			BE1178	MU59D CIRCUIT BREAKER (CH 1)	V		E-350	
42541			CS717	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42542			CS763D	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42543			CDE11B-2	MU59D DISCONNECT SWITCH (CH 1)	V		E-350	
42544			MVMU59D	RCP 1-2 SEAL RET VLV (CH 1)	D		E-363	
42538			P1C2LI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42537			P1C2LX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-356	
42539			P1P2MX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42540			P1PC2MI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42600		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	G	1CEY	E-335	
42601					G	27503A	E-335	
42603					G	1CDB	E-349	
42604					U	1CDB	E-335	
42605					CC	1CDB	E-347	
42606					DD	1CDB	E-356-6	
42607					DD	1CPL	E-356-6	
42608					DD	1CPT	E-356-6	
42609					DD	1CPM	E-356-1B, 356-6	
42610					FF	UNSCHED	E-353	
42611			1CBE1127B	MV6405 CONTROL CIRCUIT	G	27710B	E-335, 418	
42612			1CBE1127C	MV6405 CONTROL CIRCUIT	G	27503A	E-335	
42613					U	1CDB	E-347, 349	
42614					CC	1CDB	E-347	
42615					DD	1CDB	E-356-6	
42616					DD	1CPL	E-356-6	
42617					DD	1CLA	E-356-6	
42618					V	1CLA	E-347, 348	
42619					V	48083A	E-348	
42620					DG	1CLA	E-348	
42621			1CBE1127E	MV6405 CONTROL CIRCUIT	G	27881A	E-335-1	
42622					AB	27881A	E-335-1	
42623					AB	JB2762	E-335-1	
42624					AB	27881D	E-335-1	
42625			1CBE1127F	MV6405 CONTROL CIRCUIT	AB	27881E	E-335	
42626			1CBE1127G	MV6405 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42627			1PB1127D	MV6405 POWER CIRCUIT	G	27876A	E-335-1	
42628					AB	27876A	E-335-1	
42629					AB	JB2749	E-335-1	
42630					AB	27876C	E-335-1	
42631			ACHILOWIA	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42632					V	ACLCL	E-348	
42633					V	48556A	E-348	
42634					DG	ACLCL	E-348	
42635			ACHILOWAA	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42636					V	ACLCL	E-348, 347	
42637					DD	ACLCL	E-356-2	
42638					FF	ACPG	E-353	
42639					FF	ACP59C	E-356	
42640			ACHILOWAB	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42641					DD	ACPG	E-353-10	
42642					FF	ACP60D	E-356-10	
42643					DD	ACP60D	E-356-10	
42644			ACHILOWAC	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42645					DD	ACPG	E-356-10	
42646					DD	ACP60D	E-356-10	
42647					FF	ACP60D	E-356-10	
42648			BE1127	MV6405 CIRCUIT BREAKER (CH 1)	G		E-336	
42602			BE11D	MV6405 CONTROL CIRCUIT	G		E-335	
42649			CS703	MV6405 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42656			CS759C	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42657			CS760D	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42653			CDE11D	MV6405 DISCONNECT SWITCH (CH 1)	G		E-335	
42650			EV6405	MV6405 TERMINAL BOX (CH 1)	AB		E-335	
42658			JTS721	MV6405 JUNCTION BOX (CH 1)	DD		E-356	
42651			MV6405	RC MU PUMP SUCTION VALVE (CH 1)	AB		E-335	
42652			NV6405	MV6405 LOCAL CONTROLLER (CH 1)	AB		E-335	
42654			RC4801	MV6405 RELAY CABINET (CH A)	V		E-338	
42655			RC4802	MV6405 RELAY CABINET (CH A)	V		E-338	
42700		MU6406	2CV6406A	SVMU6406 CONTROL CIRCUIT	AB	27879J	E-335	
42700A					AB	JB2741	E-335	
42700B					AB	27879K	E-335	
42701			2CV6406B	SVMU6406 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42702			2CV6406C	SVMU6406 CONTROL CIRCUIT	FF	UNSCHED	E-335	
42703					DD	2CPN	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42704	MUPS	MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	DD	2CED	E-356	
42705					DD	2CEG	E-356	
42706					A	2CEG	E-397	
42707					A	2CEG	E-335	
42708					A	2CEH	E-335	
42709					A	27877A	E-335	
42710					A	EV64220	E-335	
42711					A	27879A	E-335	
42712					G	27879A	E-335	
42713					AB	27879A	E-335	
42714					AB	JB2761	E-335	
42715					AB	27879H	E-335	
42716			2CV6406D	SVMU6406 CONTROL CIRCUIT	AB	27879H	E-335	
42717					AB	JB2761	E-335	
42718					AB	27879A	E-335	
42719					G	27879A	E-335	
42720					A	27879A	E-335	
42721					A	EV64220	E-335	
42722					A	27877A	E-335	
42723					A	2CEH	E-335	
42724					A	2CEG	E-335	
42725					A	2CEG	E-347	
42726					DD	2CEG	E-356	
42727					DD	2CED	E-356	
42728					DD	2CKN	E-356	
42729					DD	2CPR	E-356	
42730					DD	2CKL	E-356	
42731					DF	2CKL	E-346	
42732					X	2CKL	E-346	
42733					X	46963D	E-346	
42734					X	JB4676	E-346	
42735					X	46963C	E-346	
42736			C5703	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42737			C5706/10	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42740			EV6406	SVMU6406 TERMINAL BOX (CH 2)	AB		E-335	
42738			JT5722	SVMU6406 JUNCTION BOX (CH 2)	DD		E-356	
42742			NV6406	SVMU6406 LOCAL CONTROLLER (CH 2)	AB		E-335	
42739			RC4606	SVMU6406 RELAY CABINET (CH 2)	X		E-346	
42741					AB		E-335	
42742		MU6406	SVMU6406	MU6406 SOLENOID VALVE (CH 2)	AB		E-335	
42800		MU6407	1CV6407A	SVMU6407 CONTROL CIRCUIT	AB	27883B	E-335	
42800A					AB	JB2742	E-335	
42800B					AB	27883C	E-335	
42801			1CV6407B	SVMU6407 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42802			1CV6407C	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42803					G	27883A	E-335	
42804					G	1CDB	E-349	
42805					U	1CDB	E-349	
42806					CC	1CDB	E-347	
42807					DD	1CDB	E-356	
42808					DD	1CPL	E-356	
42809					DD	1CPT	E-356	
42810					DD	1CPM	E-356	
42811					DD	1CP	E-356	
42812					FF	UNSCHE	E-353	
42813			1CV6407D	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42814					G	27883A	E-335	
42815					G	1CDB	E-349	
42816					U	1CDB	E-349	
42817					CC	1CDB	E-347	
42818					DD	1CDB	E-356	
42819					DD	1CPL	E-356	
42820					DD	1CLA	E-356	
42821					V	1CLA	E-347	
42822					V	48083A	E-348	
42823					DG	48083A	E-348	
42824					DG	1CLA	E-348	
42825			C5703	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42826			C5706/10	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42829			EV6407	SVMU6407 TERMINAL BOX (CH 1)	AB		E-335	
42827			JT5721	SVMU6407 JUNCTION BOX (CH 1)	DD		E-356	
42831			NV6407	SVMU6407 LOCAL CONTROLLER (CH 1)	AB		E-335	
42828			RC4801	SVMU6407 RELAY CABINET (CH 1)	V		E-348	
42830					AB		E-335	
42831		MU6407	SVMU6407	MU6407 SOLENOID VALVE (CH 1)	AB		E-335	
42900		MU6408	2CBP1208A	MV6408 CONTROL CIRCUIT	X	46526B	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42901	MUPS	MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	X	2CKM	E-346	
42902					DF	2CKM	E-346, 347	
42903					DD	2CKM	E-356	
42904					DD	2CPN	E-350	
42905					FF	UNSCHED	E-353	
42906			2CBF1208B	MV6408 CONTROL CIRCUIT	X	46740A	E-346	
42907					X	2CKM	E-346	
42908					X	46526A	E-346	
42909			2CBF1208C	MV6408 CONTROL CIRCUIT	X	46739D	E-346	
42910					X	2CKM	E-346	
42911					DF	2CKM	E-347	
42912					DD	2CKM	E-356	
42913					DD	2CPR	E-356	
42914					DD	2CKN	E-356	
42915					DD	2CED	E-356	
42916					DD	2CBG	E-356	
42917					A	2CBG	E-347	
42918					A	2CBG	E-335	
42919					A	2CEH	E-335	
42920					A	27877A	E-335	
42921					A	EV64220	E-335	
42922					A	27879A	E-335	
42923					G	27879A	E-335	
42924					AB	27879A	E-335	
42925					AB	JB2761	E-335	
42926					AB	27879B	E-335	
42927			2CBF1208D	MV6408 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42928			2CBF1208E	MV6408 CONTROL CIRCUIT	AB	27879E	E-335	
42929			2PBF1208F	MV6408 POWER CIRCUIT	X	46962B	E-346	
42930					X	46962C	E-346	
42931					X	JB4675	E-346	
42932					X	46962D	E-346	
42933					DF	JB4716	E-347	
42934					DF	46962E	E-347	
42935					A	46962E	E-349	
42936					A	46962E	E-347, 349, 335	
42937					A	JB2759	E-335	
42938					G	46962G	E-335	
42939					AB	JB2760	E-335	
42940					AB	46962K	E-335	
42941			BF1208	MV6408 CIRCUIT BREAKER (CH 2)	X		E-346	
42942			C5703	MV6408 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42946			CDF12A-2	MV6408 DISCONNECT SWITCH (CH 2)	X		E-346	
42943			EV6408	MV6408 TERMINAL BOX (CH 2)	AB		E-335	
42947			JT5722	MV6408 JUNCTION BOX (CH 2)	DD		E-346	
42944			MV6408	MV6408 CROSS CONNECT ISO VLV	AB		E-335	
42945			NV6408	MV6408 LOCAL CONTROLLER (CH 2)	AB		E-335	
43000	MU6409		1CBE1147A	MV6409 CONTROL CIRCUIT	G	1CEY01	E-335	
43001					G	27503D	E-335	
43002					G	BE11D	E-335	
43003					G	1CDB	E-335	
43004					U	1CDB	E-349	
43005					DD	1CDB	E-356	
43006					CC	1CDB	E-347	
43007					DD	1CPL	E-356	
43008					DD	1CPT	E-356	
43009					DD	1CPM	E-356	
43010					FF	UNSCHED	E-353	
43011			1CBE1147B	MV6409 CONTROL CIRCUIT	G	27710A	E-336	
43012			1CBE1147C	MV6409 CONTROL CIRCUIT	G	27881A	E-335	
43013					AB	27881A	E-335	
43014					AB	JB2762	E-335	
43015					AB	27881B	E-335	
43016			1CBE1147D	MV6409 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43017			1CBE1147E	MV6409 CONTROL CIRCUIT	AB	27881C	E-335	
43018			1PBE1147F	MV6409 POWER CIRCUIT	AB	27876A	E-335	
43019					AB	JB2749	E-335	
43020					AB	27876B	E-335	
43021			BE1147	MV6409 CIRCUIT BREAKER (CH 1)	G		E-335	
43022			C5703	MV6409 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43026			CDE11D	MU6409 DISCONNECT SWITCH (CH 1)	G		E-335	
43023			EV6409	MV6409 TERMINAL BOX (CH 1)	AB		E-335	
43027			JT5721	MU6409 JUNCTION BOX (CH 1)	DD		E-356-1	
43024			MV6409	MU CROSS CONNECT ISO VALVE (CH 1)	AB		E-335	
43025			NV6409	MU6409 LOCAL CONTROLLER (CH 1)	AB		E-335	
43100	MU6419		1CBE1295A	MV6419 CONTROL CIRCUIT	V	38071A	E-350	
43101					V	1CJL	E-350, 349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43102	MUPS	MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	U	1CJL	E-349-3	
43103					CC	1CJL	E-347	
43104					DD	1CJL	E-356	
43105					DD	1CPL	E356	
43106					DD	1CPT	E-356-6	
43107					DD	1CPM	E-356-6	
43108					FF	UNSCHE	E-353	
43109			1CBE1295B	MV6419 CONTROL CIRCUIT	B	18222A	E-412	
43110					AB	18222A	E-332	
43111					G	1CDB	E-349	
43112					U	1CDB	E-349-3	
43113					U	37048B	E-349	
43114					U	1CDB	E-349	
43115					U	1CJM	E-349, 349-3	
43116					V	1CJM	E-349-3	
43117					V	38071C	E-350	
43118			1CBE1295C	MV6419 CONTROL CIRCUIT	B	18423A	E-332, 336	
43119					AB	18423A	E-332	
43120					AB	18423A	E-336	
43121			1CBE1295D	MV6419 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43122			1CBE1295E	MV6419 CONTROL CIRCUIT	AB	18423B	E-336	
43123			1PBE1295F	MV6419 POWER CIRCUIT	B	18422A	E-332, 336	
43124					AB	18422A	E-332, 336	
43125					AB	18422A	E-332, 336	
43126			BE1295	MV6419 CIRCUIT BREAKER (CH 1)	B		E-412	
43127			CS703	MV6419 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43131			CDYE2	MV6419 DISCONNECT SWITCH (CH 1)	V		E-350	
43128			EV6419	MV6419 TERMINAL BOX (CH 1)	AB		E-336	
43132			JT5721	MV6419 JUNCTION BOX (CH 1)	DD		E-356	
43129			MV6419	MU DISCHARGE VALVE (CH 1)	AB		E-336	
43130			NV6419	MV6419 LOCAL CONTROLLER (CH 1)	AB		E-336	
43200	MU6420		2CBF1616A	MU6420 CONTROL CIRCUIT	X	46963B	E-346	
43201					X	JB4676	E-346	
43202					X	46963D	E-346	
43203					X	2CKL	E-346	
43204					DF	2CKL	E-346	
43205					DD	2CKL	E-346	
43206					DD	2CPN	E-356	
43207					FF	UNSCHE	E-353	
43208			2CBF1616B	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43209					X	JB4676	E-346	
43210					X	46963B	E-346	
43211			2CBF1616C	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43212					X	JB4676	E-346	
43213					X	46963D	E-346	
43214					X	2CKL	E-346	
43215					DF	2CKL	E-346, 347	
43216					DD	2CKL	E-346, 347	
43217					DD	2CPR	E-356	
43218					DD	2CKN	E-356	
43219					DD	2CED	E-356	
43220					DD	2CEG	E-356	
43221					A	2CEG	E-347	
43222					A	2CEG	E-335	
43223					A	2CEH	E-335	
43224					A	27877A	E-335	
43225					A	EV64220	E-335	
43226					A	27879A	E-335	
43227					G	27879A	E-335	
43228					AB	27879A	E-335	
43229					AB	JB2761	E-335	
43230					AB	27879C	E-335	
43231			2CBF1616D	MV6420 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43232			2CBF1616E	MV6420 CONTROL CIRCUIT	AB	27879D	E-335	
43233			2PBF1616F	MV6420 POWER CIRCUIT	X	46962A	E-346	
43234					X	46962C	E-346	
43235					X	JB4675	E-346	
43236					X	46962D	E-346	
43237					DF	46962D	E-347	
43238					DF	JB4716	E-347	
43239					DF	46962E	E-347	
43240					A	46962E	E-349	
43241					A	46962E	E-335	
43242					A	JB2759	E-335	
43243					G	46962G	E-335	
43244					AB	JB2760	E-335	
43245					AB	46962H	E-335	
43246			BF1616	MV6420 CIRCUIT BREAKER (CH 2)	X		E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
43247	MUPS	MU6420	C5703	MV6420 CONTROL ROOM PANEL (CH 2)	FF		E-353	
43251			CDF16A	MV6420 DISCONNECT SWITCH (CH 2)	X		E-346	
43248			EV6408	MV6420 TERMINAL BOX (CH 2)	AB		E-335	
43252			JT5722	MV6420 JUNCTION BOX (CH 2)	DD		E-356-1	
43249			MV6420	MV32 BYPASS VALVE (CH 2)	AB		E-335	
43250			NV6420	MV6420 LOCAL CONTROLLER (CH 2)	AB		E-335	
43300		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	G	1CEY01	E-335	
43301					G	27503A	E-335	
43302					G	BE11D	E-335	
43303					U	1CDB	E-349	
43304					G	1CDB	E-335	
43305					CC	1CDB	E-347	
43306					DD	1CDB	E-356	
43307					DD	1CPL	E-356	
43308					DD	1CPT	E-356	
43309					DD	1CPM	E-356	
43310					DD	1CP17B	E-356	
43311					FF	1CP17B	E-356	
43312			1CBE1194B	MV6421 CONTROL CIRCUIT	G	27710A	E-336	
43313			1CBE1194C	MV6421 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43314			1CBE1194D	MV6421 CONTROL CIRCUIT	AB	27881G	E-336	
43315			1CBE1194F	MV6421 CONTROL CIRCUIT	G	27881A	E-336	
43316					AB	27881A	E-335	
43317					AB	JB2762	E-335	
43318					AB	27881F	E-335	
43319					AB	27881F	E-412	
43320					AB	27881F	E-336	
43320A			1CBE1194H	MV6421 CONTROL CIRCUIT	FF	1CP17B	E-356-8	3 A
43320B					DD	1CP17B	E-356-8	3 A
43320C					DD	1CPM	E-356-6	3 A
43320D					DD	57092A	E-356-8	3 A
43320E					FF	57092A	E-356-8	3 A
43321			1PBE1194E	MV6421 POWER CIRCUIT	G	27876A	E-335	
43322					AB	27876A	E-335	
43323					AB	JB2749	E-335	
43324					AB	27876D	E-335	
43325					AB	27876D	E-412	
43326					AB	27876D	E-336	
43327			BE1194	MV6421 CIRCUIT BREAKER (CH 1)	G		E-336	
43328			C5717	MV6421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43332			CDE11D	MV6421 DISCONNECT SWITCH (CH 1)	G		E-336	
43329			EV6419	MV6421 TERMINAL BOX (CH 1)	AB		E-336	
43330			MV6421	MU CTMT ISO VALVE (CH 1)	AB		E-336	
43331			NV6421	MV6421 LOCAL CONTROLLER (CH 1)	AB		E-336	
43400		MU6422	2CBF1108A	MV6422 CONTROL CIRCUIT	DF	47701A	E-347	
43401					DF	2CLA	E-347	
43402					DD	2CLA	E-356	
43403					DD	2CPP	E-356	
43404					DD	2CPN	E-356	
43405					DD	2CP17C	E-356	
43406					FF	2CP17C	E-353	
43407			2CBF1108B	MV6422 CONTROL CIRCUIT	DF	47300A	E-347	
43408					DF	2CLA	E-347	
43409					DF	47702A	E-347	
43410			2CBF1108C	MV6422 CONTROL CIRCUIT	A	27877C	E-335	
43411			2CBF1108D	MV6422 CONTROL CIRCUIT	A	27877D	E-335	
43412			2CBF1108F	MV6422 CONTROL CIRCUIT	DF	47800A	E-347	
43413					DF	2CKN	E-347	
43414					DD	2CKN	E-356	
43415					DD	2CED	E-356	
43416					DD	2CEG	E-356	
43417					A	2CEG	E-347	
43418					A	2CEG	E-335	
43419					A	2CEH	E-335	
43420					A	27877A	E-335	
43420A			2CBF1108H	MV6422 CONTROL CIRCUIT	FF	2CP17C	E-356-8	3 A
43420B					DD	2CP17C	E-356-8	3 A
43420C					DD	2CPN	E-356-7	3 A
43420D					DD	5705C1	E-356-8	3 A
43420E					FF	5705C1	E-356-8	3 A
43421			2PBF1108E	MV6422 POWER CIRCUIT	DF	47762A	E-347	
43422					DF	JB4716	E-347	
43423					DF	46962E	E-347	
43424					A	46962E	E-349	
43425					A	46962E	E-335	
43426					A	JB2759	E-335	
43427					A	46962F	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
43428	MUPS	MU6422	BF1108	MV6422 CIRCUIT BREAKER (CH 2)	DF		E-347	
43429			CS717	MV6422 CONTROL ROOM PANEL (CH 2)	FF		E-353	
43433			CDP11A-1	MV6422 DISCONNECT SWITCH (CH 2)	DF		E-347	
43430			EV6422	MV6422 TERMINAL BOX (CH 2)	A		E-335	
43431			MV6422	MU CTMT ISO VALVE (CH 2)	A		E-335	
43432			NV6422	MV6422 LOCAL CONTROLLER (CH 2)	A		E-335	
43525		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	AB	28442A	E-336	
43526					AB	28442C	E-336	
43527					AB	28442E	E-336	
43528					AB	28442F	E-336	
43529					AB	JB2809	E-336	
43530					A	28110A	E-335	
43531					G	28110A	E-336	
43532					AB	28110A	E-335	
43533					A	2CEH	E-335	
43534					A	2CEG	E-335	
43535					A	2CEG	E-335	
43536					DD	2CEG	E-356	
43537					A	2CED	E-356	
43538					DD	2CED	E-356	
43539					DD	2CPN	E-356	
43540					DD	2CP18A	E-356	
43541					FF	2CP18A	E-356	
43500			2CVMU66AA	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43501			2CVMU66AB	SVMU66A CONTROL CIRCUIT	U	28107C	E-349-3	
43502					U	2CEV	E-349-3	
43503					U	28107B*	E-339, 340	
43503A					V	28107B*	E-339, 340	
43503B					G	28107B*	E-339, 340	
43503C					AB	28107B*	E-339, 340	
43503D					AB	28107B*	E-339, 340	
43504					AB	28107A	E-336	
43505					CC	2CEV	E-347	
43506					AB	JB2809	E-336	
43507					DD	2CPN	E-356-7	
43508					DD	2CP56D	E-424	
43509					FF	2CP56D	E-424	
43510					AB	28234A	E-336	
43511					DD	2CEV	E-356-7	
43512			2CVMU66AC	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43513			2CVMU66AD	SVMU66A CONTROL CIRCUIT	DD	2CP18A	E-356-8	
43514					FF	2CP18A	E-356-8	
43515					AB	28234A	E-336	
43516					AB	JB2809	E-336	
43517					AB	28107A	E-336	
43518					AB	28107B*	E-339, 340	
43518A					AB	28107B*	E-339, 340	
43518B					G	28107B*	E-339, 340	
43518C					V	28107B*	E-339, 340	
43518D					U	28107B*	E-339, 340	
43519					U	28107C	E-349-3	
43520					U	2CEV	E-349-3	
43521					CC	2CEV	E-347	
43522					DD	2CEV	E-356-7	
43523					DD	2CPN	E-356-7	
43524			2CVMU66AE	VMU66A CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43543			CS717	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43544			CS756D	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43545			EVMU38	VMU66A TERMINAL BOX (CH. 2)	AB		E-336	
43542			FPSSLMU66A	MU66A PRESSURE SWITCH	AB		E-336	
43546			NVMU66A	VMU66A LOCAL CONTROLLER (CH. 2)	AB		E-336	
43547			SVMU66A	VMU66A SOLENOID VALVE (CH. 2)	AB		E-336	
43548			VMU66A	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43627		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	AB	28443A	E-336	
43628					AB	28443C	E-336	
43629					G	28443C	E-336	
43630					G	1CFP	E-336	
43631					V	1CFP	E-350	
43632					V	1CJM	E-349, 350	
43633					U	1CJM	E-349	
43634					CC	1CJM	E-347	
43635					DD	1CJM	E-356	
43636					DD	1CPL	E-356	
43637					DD	1CP17B	E-356	
43638					FF	1CP17B	E-356	
43600			1CVMU66BA	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43601			1CVMU66BB	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43602	MUPS	MU66B	1CVMU66BB	VMU66B CONTROL CIRCUIT	G	28240A	E-336	
43603					G	1CFP	E-336	
43604					V	1CFP	E-350	
43605					DD	1CP63C	E-424	
43606					V	1CJM	E-350, 349-3	
43607					U	1CJM	E-349-3	
43608					CC	1CJM	E-347	
43609					DD	1CJM	E-356-6	
43610					DD	1CPL	E-356-6	
43611					FF	1CP63C	E-424	
43612			1CVMU66BC	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43613			1CVMU66BD	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	
43614					G	28240A	E-336	
43615					G	1CFP	E-336	
43616					DD	1CPM	E-356-6	
43617					DD	1CPT	E-356-6	
43618					FF	1CP17A	E-356-8	
43619					DD	1CJM	E-356-6	
43620					CC	1CJM	E-347	
43621					DD	1CP17A	E-356-8	
43622					U	1CJM	E-349-3	
43623					V	1CJM	E-350, 349-3	
43624					DD	1CPL	E-356-6	
43625					V	1CFP	E-350	
43626			1CVMU66BE	VMU66B CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43640			CS717	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43641			CS763C	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43642			EVMU66	VMU66B TERMINAL BOX (CH. 1)	AB		E-336	
43639			FPSLLMU66B	MU66B LOW PRESSURE SWITCH	AB		E-336	
43643			NVMU66B	VMU66B LOCAL CONTROLLER (CH. 1)	AB		E-336	
43644			SVMU66B	VMU66B SOLENOID VALVE (CH. 1)	AB		E-336	
43645			VMU66B	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43727	MU66C		1CSF1737A	MU66C CONTROL CIRCUIT	AB	28443B	E-336	
43728					AB	28443C	E-336	
43729					G	28443C	E-336	
43730					G	1CFP	E-336	
43731					V	1CFP	E-350	
43732					V	1CJM	E-349, 350	
43733					U	1CJM	E-349	
43734					CC	1CJM	E-347	
43735					DD	1CJM	E-356	
43736					DD	1CPL	E-356	
43737					DD	1CP17B	E-356	
43738					FF	1CP17B	E-356	
43700			1CVMU66CA	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43701			1CVMU66CB	VMU66C CONTROL CIRCUIT	DD	1CPL	E-356-6	
43702					DD	1CJM	E-356-6	
43703					FF	1CP63C	E-424	
43704					V	1CJM	E-350, 349-3	
43705					V	1CFP	E-350	
43706					AB	28240A	E-336	
43707					CC	1CJM	E-347	
43708					U	1CJM	E-349-3	
43709					G	28240A	E-336	
43710					G	1CFP	E-336	
43711					DD	1CP63C	E-424	
43712			1CVMU66CC	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43713			1CVMU66CD	VMU66C CONTROL CIRCUIT	DD	1CP17A	E-356-8	
43714					DD	1CPM	E-356-6	
43715					DD	1CPT	E-356-6	
43716					DD	1CPL	E-356-6	
43717					FF	1CP17A	E-356-8	
43718					U	1CJM	E-349-3	
43719					V	1CJM	E-350, 349-3	
43720					V	1CFP	E-350	
43721					G	1CFP	E-336	
43722					G	28240C	E-336	
43723					AB	28240C	E-336	
43724					DD	1CJM	E-356-6	
43725					CC	1CJM	E-347	
43726			1CVMU66CE	VMU66C CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43740			CS717	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43741			CS763C	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43742			EVMU66	VMU66C TERMINAL BOX (CH. 1)	AB		E-336	
43739			FPSLLMU66C	MU66C LOW PRESSURE SWITCH	AB		E-336	
43743			NVMU66C	VMU66C LOCAL CONTROLLER (CH. 1)	AB		E-336	
43744			SVMU66C	VMU66C SOLENOID VALVE (CH. 1)	AB		E-336	
43745			VMU66C	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
43825	MUPS	MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	AB	28442B	E-336	
43826					AB	28442C	E-336	
43827					AB	28442E	E-336	
43828					AB	28442F	E-336	
43829					AB	JB2809	E-336	
43830					A	28110A	E-335	
43831					G	28110A	E-336	
43832					AB	28110A	E-335	
43833					A	2CEH	E-335	
43834					A	2CEG	E-335	
43835					A	2CEG	E-335	
43836					DD	2CEG	E-356	
43837					A	2CED	E-356	
43838					DD	2CED	E-356	
43839					DD	2CPN	E-356	
43840					DD	2CP18A	E-356	
43841					FF	2CP18A	E-356	
43800			2CVMU66DA	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	
43801			2CVMU66DB	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43802					AB	JB2809	E-336	
43803					AB	28107A	E-336	
43804					AB	28107B*	E-339, 340	
43804A					AB	28107B*	E-339, 340	
43804B					G	28107B*	E-339, 340	
43804C					V	28107B*	E-339, 340	
43804D					U	28107B*	E-339, 340	
43805					U	28107C	E-349-3	
43806					U	2CEV	E-349-3	
43807					CC	2CEV	E-347	
43808					DD	2CEV	E-356-7	
43809					DD	2CPN	E-356-7	
43810					DD	2CP56C	E-424	
43811					FF	2CP56C	E-424	
43812			2CVMU66DC	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	
43813			2CVMU66DD	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43814					AB	JB2809	E-336	
43815					AB	28107A	E-336	
43816					AB	28107B*	E-339, 340	
43816A					AB	28107B*	E-339, 340	
43816B					G	28107B*	E-339, 340	
43816C					V	28107B*	E-339, 340	
43816D					U	28107B*	E-339, 340	
43817					DD	2CPN	E-356-7	
43818					CC	2CEV	E-347	
43819					U	2CEV	E-349-3	
43820					U	28107C	E-349-3	
43821					DD	2CEV	E-356-7	
43822					FF	2CP18A	E-356-8	
43823					DD	2CP18A	E-356-8	
43824			2CVMU66DE	VMU66D CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43843			C5717	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43844			C5756C	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43845			EVMU03	VMU66D TERMINAL BOX (CH. 2)	AB		E-336	
43842			FPSSLMU66D	MU66D PRESSURE SWITCH	AB		E-336	
43846			NVMU66D	VMU66D LOCAL CONTROLLER (CH. 2)	AB		E-336	
43847			SVMU66D	VMU66D SOLENOID VALVE (CH. 2)	AB		E-336	
43848			VMU66D	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43848A	MU97		N/A	SEAL RETURN TO CLEAN WASTE TK ISO VLV	G	N/A		
43900	P-371B		ACBE1191B	MP0371B CONTROL CIRCUIT	FF	ACP02B	E-356-8	
43901					DD	ACP02B	E-356-8	
43902					DD	ACPR	E-356-2	
43903					DD	ACPG	E-356-2	
43904					DD	ACEN	E-356-2	
43905					CC	ACEN	E-347	
43906					U	ACEN	E-349-3	
43907					G	ACEN	E-335	
43908					G	27513A	E-335	
43909					G	ACEM	E-335	
43910			ACBE1191C	MP0371B CONTROL CIRCUIT	G	28300A	E-336	
43911					G	ACPH	E-336	
43912					G	28300A	E-336	
43913					G	ACFB	E-336	
43914					G	JB2805	E-336	
43915					G	28254A	E-335	
43916					G	ACAB	E-335	
43917					AB	ACAB	E-335	
43918					AB	ACFB	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43919	MUPS	P-371B	ACBE1191C	MP0371B CONTROL CIRCUIT	G	ACFB	E-335	
43920					G	27570A	E-335	
43921					G	27513A	E-335	
43922					G	ACEM	E-335	
43923			ACBE1191D	MP0371B CONTROL CIRCUIT	AB	27506A	E-335	
43924					G	27516A	E-335	
43925			ACBE1191E	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43926			ACBE1191F	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43927			APBE1191A	MP0371B POWER CIRCUIT	AB	27507A	E-335	
43928					G	27507A	E-335	
43930			BE1191	MP0371B CIRCUIT BREAKER (CH. A)	G		E-335	
43931			CS704	MP0371B CONTROL ROOM PANEL (CH. A)	FF		E-353	
43929			CDE11D	MP0371B DISCONNECT SWITCH (CH 1)	G		E-335	
43932			MP371B	MU PUMP 1-1 MN LUBE OIL PUMP (CH. A)	AB		E-335	
43933			NP371B	MP0371B LOCAL CONTROLLER (CH. A)	AB		E-335	
43934			RC2825	MP0371B RELAY CABINET (CH. A)	G		E-336	
44088		P-371C	AC105	MP0371C CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44000			ACD117B	MP0371C CONTROL CIRCUIT	AB	27297A	E-335	3 D
44001					G	27297A	E-335	3 D
44002					G	ACFA	E-335	3 D
44003					G	ACDA	E-335	3 D
44004					U	ACDA	E-349-3	3 D
44005					CC	ACDA	E-347	3 D
44006					DD	ACDA	E-356-2	3 D
44007					DD	ACRJ	E-356-2	3 D
44008					DD	ACPR	E-356-2	3 D
44009					DD	ACPK	E-356-2	3 D
44010					DD	ACKC	E-356-2	3 D
44011					II	ACKC	E-346	3 D
44012					Y	ACKC	E-346	3 D
44013					Y	46639A	E-346	3 D
44014			ACD117C	MP0371C CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44015					DD	ACP02B	E-356-8	3 D
44016					DD	ACPG	E-356-2	3 D
44017					DD	ACPR	E-356-2	3 D
44018					DD	ACPK	E-356-2	3 D
44019					DD	ACKC	E-356-2	3 D
44020					II	ACKC	E-346	3 D
44021					Y	ACKC	E-346	3 D
44022					Y	46639A	E-346	3 D
44023			ACD117D	MP0371C CONTROL CIRCUIT	G	JB2805	E-336	3 D
44024					G	ACFH	E-336	3 D
44025					G	28299A	E-336	3 D
44026					G	ACFA	E-336	3 D
44027					G	28253A	E-336	3 D
44028					G	ACAB	E-336	3 D
44029					AB	ACAB	E-335	3 D
44030					U	ACDA	E-349-3	3 D
44031					CC	ACDA	E-347	3 D
44032					DD	ACDA	E-356-2	3 D
44033					DD	ACPJ	E-356-2	3 D
44034					DD	ACPR	E-356-2	3 D
44035					DD	ACPK	E-356-2	3 D
44036					DD	ACKC	E-356-2	3 D
44037					II	ACKC	E-346	3 D
44038					Y	ACKC	E-346	3 D
44039					Y	46639A	E-346	3 D
44040			ACD117E	MP0371C CONTROL CIRCUIT	G	28299A	E-336	
44041					G	28254A	E-336	
44042					G	JB2805	E-336	
44043					G	ACAB	E-336	
44044					AB	ACAB	E-335	
44045					G	27570A	E-335	
44046					G	ACFB	E-335	
44047					G	27513A	E-335	
44048					G	ACEM	E-335	
44049			ACD117F	MP0371C CONTROL CIRCUIT	G	28090A	E-336	
44050					G	ACFG	E-336	
44051					G	JB2805	E-336	
44052					G	ACFH	E-336	
44053					G	28455A	E-336	
44054					G	ACFA	E-336	
44055					G	27360A	E-336	
44056					G	ACAB	E-336	
44057					AB	27360A	E-335	
44058					AB	EV225A	E-335	
44059					AB	27362A	E-335	
44060					AB	ACAB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44039A	MUPS	P-371C	ACD117H	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44039B					Y	1CKA	E-346	3 A
44039C					Y	1CKD	E-346	3 A
44039D					Y	46059B	E-346	3 A
44039E					X	46059B*	E-346, 347, 355	3 A
44039F					DF	46059B*	E-347, 355	3 A
44039G					A	46059B*	E-347, 355	3 A
44039H					DD	46059B*	E-347, 355	3 A
44039I					DD	46059A	E-356-1	3 A
44039J					DD	1CPPL	E-356-1, 356-6	3 A
44039K					DD	1CDB	E-356-1, 356-6	3 A
44039L					CC	1CDB	E-347, 351-4	3 A
44039M					U	1CDB	E-349-3, 351-4	3 A
44039N					G	1CDB	E-335, 351-4	3 A
44039P					G	27089A	E-335	3 A
44039Q					AB	27089A	E-335	3 A
44061A			ACD117I	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061B					Y	1CKA	E-346	3 A
44061C					Y	1CKD	E-346	3 A
44061D					Y	46059B	E-346	3 A
44061E					X	46059B*	E-346	3 A
44061F					DF	46059B*	E-346, 347, 355	3 A
44061G					A	46059B*	E-347, 355	3 A
44061H					DD	46059B*	E-347, 355	3 A
44061I					DD	46059A	E-356-1	3 A
44061J					DD	1CPPL	E-356-1	3 A
44061K					DD	1CPR	E-356-1, 356-6	3 A
44061L					DD	1CPM	E-356-1, 356-6	3 A
44061M					DD	57092A	E-356-8	3 A
44061N					FF	57092A	E-356-8	3 A
44061O			ACD117J	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061P					Y	1CKA	E-346	3 A
44061Q					Y	1CKD	E-346	3 A
44061R					Y	46059B	E-346	3 A
44061S					X	46059B*	E-346	3 A
44061T					DF	46059B*	E-346, 347, 355	3 A
44061U					A	46059B*	E-347, 355	3 A
44061V					DD	46059B*	E-347, 355	3 A
44061W					DD	46059A	E-347, 355	3 A
44061X					DD	1CPPL	E-356-1	3 A
44061Y					DD	1CPM	E-356-1, 356-6	3 A
44061Z					CC	1CPM	E-347, 351-4	3 A
44062A					U	1CJM	E-349-3, 351-4	3 A
44062B					V	1CJM	E-349-3, 350	3 A
44062C					V	1CFF	E-350	3 A
44062D					V	1CFF	E-336	3 A
44062E					G	28059A	E-336	3 A
44061			ACD117K	MP0371C CONTROL CIRCUIT	Q	36059A	E-338	3 D
44076					Q	36059A	E-338	3 D
44076A					Q	36059A	E-338	3 A
44076B					Q	1CGZ	E-338	3 A
44076C					Q	1CGC	E-338	3 A
44076D					Q	36090A	E-338	3 A
44076E					Q	JB3607	E-338	3 A
44076F					Q	36084B	E-338	3 A
44076G					DUCT	36084B*	E-339	3 A
44076H					E	1CEC	E-335	3 A
44076I					A	1CEC	E-335	3 A
44076J					A	27115	E-335	3 A
44076K					A	27115A*	E-333	3 A
44076L					UU	27115A*	E-339	3 A
44076M					II	27115A*	E-339	3 A
44076N					UU	27115B*	E-339	3 A
44076O					II	27115B*	E-339	3 A
44076P					CC	27115B*	E-344	3 A
44076Q					DD	27115B*	E-356-1	3 A
44076R					DD	27115C	E-356-1	3 A
44076S					DD	1CPPL	E-356-1	3 A
44076T					DD	1CJM	E-356-1, 356-6	3 A
44076U					CC	1CJM	E-347, 351-4	3 A
44076V					U	1CJM	E-349-3, 351-4	3 A
44076W					V	1CJM	E-349-3, 350	3 A
44076X					V	1CFF	E-350	3 A
44076Y					G	1CFF	E-336	3 A
44076Z					G	28059A	E-336	3 A
44077			APD117A	MP0371C POWER CIRCUIT	Y	46920A	E-346	
44078					II	46920A	E-346	
44079					DF	46920A	E-346	
44080					A	46920A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44081	MUPS	P-371C	APD117A	MP0371C POWER CIRCUIT	AB	46920A	E-335	
44082A			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44082			CS704	MP0371C CONTROL ROOM PANEL (CH. A)	FF		E-353	
44083			D117	MP0371C MCC D1 CUBICLE (CH. A)	Y		E-346	
44084			FPS2MU105B	MP0371C PRESSURE SWITCH (CH. A)	AB		E-335	
44085			MP371C	MU PUMP 1-1 AUX LUBE OIL PUMP (CH. A)	AB		E-335	
44086			NP371C	MP0371C LOCAL CONTROLLER (CH. A)	AB		E-335	
44087			RC2825	MP0371C RELAY CABINET (CH. A)	G		E-336	
44183		P-371D	AC105	MOP371D CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44100			ACBE1192B	MP0371D CONTROL CIRCUIT	AB	27508A	E-335	
44101					AB	27516A	E-335	
44102					G	27516A	E-335	
44103			ACBE1192C	MP0371D CONTROL CIRCUIT	FF	ACP02B	E-356-8	
44104					DD	ACP02B	E-356-8	
44105					DD	ACPG	E-356-2	
44106					DD	ACPR	E-356-2	
44107					DD	ACEN	E-356-2	
44108					CC	ACEN	E-347	
44109					U	ACEN	E-349-3	
44110					G	ACEN	E-335	
44111					G	27513A	E-335	
44112					G	ACEM	E-335	
44113			ACBE1192D	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44114					G	28254A	E-336	
44115					G	ACFH	E-336	
44116					G	JB2805	E-336	
44117					G	ACFB	E-336	
44118					AB	ACAB	E-335	
44119					AB	ACFB	E-335	
44120					G	27570A	E-335	
44121					G	ACAB	E-335	
44122					G	27513A	E-335	
44123					G	ACEM	E-335	
44124			ACBE1192E	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44125					G	28254A	E-336	
44126					G	ACFH	E-336	
44127					G	JB2805	E-336	
44128					G	ACFB	E-336	
44129					AB	ACAB	E-335	
44130					AB	ACFB	E-335	
44131					G	27570A	E-335	
44132					G	ACAB	E-335	
44133					G	27513A	E-335	
44134					G	ACEM	E-335	
44135			ACBE1192F	MP0371D CONTROL CIRCUIT	AB	27571A	E-335	
44136					AB	ACAB	E-335	
44137					G	JB2805	E-336	
44138					G	ACFB	E-336	
44139					G	28254A	E-336	
44140					G	ACAB	E-336	
44141					G	28300A	E-336	
44142					G	ACFH	E-336	
44143			ACBE1192G	MP0371D CONTROL CIRCUIT	G	28299A	E-336	3 D
44144					G	ACFH	E-336	3 D
44145					G	28455B	E-336	3 D
44146					G	ACFG	E-336	3 D
44147					V	ACJH	E-350	3 D
44148					A	ACJH	E-349-2	3 D
44149					A	37702A	E-349-2	3 D
44150					A	ACGH	E-349-2	3 D
44151					P	ACGH	E-338	3 D
44152					II	ACGH	E-338	3 D
44153					S	ACGH	E-338	3 D
44154					Y	46524A	E-346	3 D
44155					Y	46552A	E-346	3 D
44156					Y	ACKC	E-346	3 D
44157			ACBE1192I	MP0371D CONTROL CIRCUIT	V	ACJH	E-349-2, 350	3 D
44158					G	ACFH	E-336	3 D
44159					G	28299A	E-336	3 D
44160					G	28455B	E-336	3 D
44161					G	ACFG	E-336	3 D
44162					V	ACFG	E-350	3 D
44163					A	ACJH	E-349-2	3 D
44164					A	37702A	E-349-2	3 D
44165					A	ACGH	E-349-2	3 D
44166					II	ACGH	E-338	3 D
44167					P	ACGH	E-338	3 D
44168					S	ACGH	E-338	3 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44169	MUPS	P-371D	ACBE1192I	MP0371D CONTROL CIRCUIT	S	ACGB	E-338	3 D
44170					S	36508A	E-338	3 D
44171					S	ACGF	E-338	3 D
44172			ACBE1192J	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44173			ACBE1192K	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44156A			ACBE1192L	MP0371D CONTROL CIRCUIT	Y	46207A	E-346	3 A
44156B					Y	1CKA	E-346	3 A
44156C					Y	36357C	E-346	3 A
44156D					Q	36357C	E-338	3 A
44156E					Q	1CGC	E-338	3 A
44156F					Q	36312A	E-338	3 A
44156G					R	36312A	E-338	3 A
44156H					P	36312A	E-338	3 A
44156I					P	JB3623	E-338	3 A
44156J					P	36312B	E-338	3 A
44156K					A	36312B	E-338, 349-2	3 A
44156L					A	JB3714	E-349-2	3 A
44156M					A	36312C	E-349-2	3 A
44156N					V	36312C	E-349-3	3 A
44156P					V	1CJM	E-349-3, 350	3 A
44156Q					V	1CFF	E-350	3 A
44156R					G	1CFF	E-336	3 A
44156S					G	28059A	E-336	3 A
44171A			ACBE1192M	MP0371D CONTROL CIRCUIT	Q	36509A	E-338, 351-1	3 A
44171B					Q	1CGZ	E-338, 351-1	3 A
44171C					Q	1CGC	E-338, 351-1	3 A
44171D					Q	36312A	E-338	3 A
44171E					R	36312A	E-338	3 A
44171F					P	36312A	E-338	3 A
44171G					P	JB3623	E-338	3 A
44171H					P	36312B	E-338	3 A
44171I					A	36312B	E-338, 349-2	3 A
44171J					A	JB3714	E-349-2	3 A
44171K					A	36312C	E-349-2	3 A
44171L					V	36312C	E-349-3	3 A
44171M					V	1CJM	E-349-3, 350	3 A
44171N					V	1CFF	E-350	3 A
44171P					G	1CFF	E-336	3 A
44171Q					G	28059A	E-336	3 A
44174			APBE1192A	MP0371D POWER CIRCUIT	AB	27509A	E-335	
44175					G	27509A	E-335	
44175A			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44176			BE1192	MP0371D CIRCUIT BREAKER (CH. A)	G		E-335	
44177			C5704	MP0371D CONTROL ROOM PANEL (CH. A)	FF		E-353	
44182			CDE11D	MP0371D DISCONNECT SWITCH (CH. 1)	G		E-335	
44177A			D117	MP0371C MCC D1 CUBICLE (INTLK)	Y		E-346	
44178			FPSMU102B	MP0371D PRESSURE SWITCH (CH. A)	AB		E-335	
44179			MP371D	MU PUMP AUX GEAR L.O. PUMP (CH. A)	AB		E-335	
44180			NP371D	MP0371D LOCAL CONTROLLER (CH. A)	AB		E-335	
44181			RC2825	MP0371D RELAY CABINET (CH. A)	G		E-336	
44200		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44201					DD	BCP02D	E-356-8	
44202					DD	BCFC	E-356-4	
44203					DD	BCFR	E-356-4	
44204					DD	BCPE	E-356-4	
44205					DD	BCEQ	E-356-4	
44206					CC	BCEQ	E-347	
44207					U	BCEQ	E-349-3	
44208					G	BCEQ	E-335	
44209					G	27399A	E-335	
44210					A	27399A	E-335	
44211			BCBF1167C	MP0372B CONTROL CIRCUIT	G	28247A	E-336	
44212					AB	28247A	E-336	
44213					AB	BCFE	E-336	
44214					AB	BCFE	E-350	
44215					DG	BCFE	E-348	
44216					V	BCFE	E-348	
44217					V	48090B	E-348	
44218					V	BCFE	E-348	
44219					V	BCLB	E-347	
44220					DD	BCLB	E-356-4	
44221					DD	BCPE	E-356-4	
44222					DD	BCEQ	E-356-4	
44223					CC	BCEQ	E-347	
44224					U	BCEQ	E-349-3	
44225					G	BCEQ	E-335	
44226					G	27399A	E-335	
44227					A	27399A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44228	MUPS	P-372B	BCBF1167D	MP0372B CONTROL CIRCUIT	AB	27446A	E-335	
44229					A	27440A	E-335	
44232			BF1167	MP0372B CIRCUIT BREAKER (CH. B)	A		E-335	
44230			BPBF1167A	MP0372B POWER CIRCUIT	A	27439A	E-335	
44231					AB	27439A	E-335	
44233			C5704	MP0372B CONTROL ROOM PANEL (CH. B)	FF		E-353	
44234			MP372B	MU PUMP 1-2 MN LUBE OIL PUMP (CH. B)	AB		E-335	
44235			NP372B	MP0372B LOCAL CONTROLLER (CH. B)	AB		E-335	
44236			RC2826	MP0372B RELAY CABINET (CH. B)	G		E-336	
44300		P-372C	AD105	MP0372C CIRCUIT BREAKER (INTLK)	Q		E-338	
44301			BCD217B	MP0372C CONTROL CIRCUIT	AB	27294A	E-335	
44302					G	27294A	E-335	
44303					G	BCEQ	E-335	
44304					U	BCEQ	E-349-3	
44305					CC	BCEQ	E-347	
44306					DD	BCEQ	E-356-4	
44307					DD	BCPE	E-356-4	
44308					DD	BCKR	E-356-4	
44309					DD	BCPR	E-356-4	
44310					DD	BCKP	E-356-4	
44311					DF	BCKP	E-346	
44312					X	BCKP	E-346	
44313					X	46771A	E-346	
44314			BCD217C	MP0372C CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44315					DD	BCP02D	E-356-8	
44316					DD	BCPC	E-356-4	
44317					DD	BCPD	E-356-4	
44318					DD	BCKP	E-356-4	
44319					DF	BCKP	E-346	
44320					X	BCKP	E-346	
44321					X	46771A	E-346	
44322			BCD217D	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44323					AB	28247A	E-336	
44324					AB	BCFE	E-336	
44325					AB	BCFE	E-350	
44326					DG	BCFE	E-348	
44327					V	BCFE	E-348	
44328					V	48090A	E-347	
44329					V	BCLB	E-347	
44330					DD	BCLB	E-356-4	
44331					DD	BCPC	E-356-4	
44332					DD	BCKQ	E-356-4	
44333					DD	BCPR	E-356-4	
44334					DD	BCKP	E-356-4	
44335					DF	BCKP	E-346	
44336					X	BCKP	E-346	
44337					X	46771A	E-346	
44338			BCD217E	MP0372C CONTROL CIRCUIT	A	27399A	E-335	
44339					G	27399A	E-335	
44340					G	BCEQ	E-335	
44341					G	28050C	E-335	
44342					G	BCDR	E-335	
44343					G	28050B*	E-333	
44343A					A	28050B*	E-333	
44343B					V	28050B*	E-333, 334	
44343C					A	28050B*	E-334	
44343D					G	28050B*	E-334	
44343E					G	28050B*	E-334	
44343F					AB	28050B	E-334	
44343G					AB	28050B*	E-334	
44344					AB	28050A	E-336	
44345					AB	28434C	E-336	
44346					AB	BCFE	E-336	
44347					G	28434B	E-336	
44348			BCD217F	MP0372C CONTROL CIRCUIT	G	28247B	E-336	
44349					AB	28247B	E-336	
44350					AB	BCFE	E-336	
44351					AB	BCFE	E-350	
44352					DG	BCFE	E-348	
44353					V	BCFE	E-348	
44354					DD	BCFE	E-356-4	
44355					DD	BCPC	E-356-4	
44356					DD	BCPR	E-356-4	
44357					DD	BCPE	E-356-4	
44358					DD	BCEQ	E-356-4	
44359					CC	BCEQ	E-347	
44360					U	BCEQ	E-349-3	
44361					G	BCEQ	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44362	MUPS	P-372C	BCD217F	MP0372C CONTROL CIRCUIT	G	27217B	E-335	
44363					AB	27217A	E-335	
44364			BCD217G	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44365					AB	28247A	E-336	
44366					AB	BCFE	E-336	
44367					AB	BCFE	E-350	
44368					DG	BCFE	E-348	
44369					V	BCFE	E-348	
44370					V	48090A	E-348	
44371					V	BCFE	E-348	
44372					V	BCLB	E-347	
44373					DD	BCLB	E-356-4	
44374					DD	BCPC	E-356-4	
44375					DD	BCKQ	E-356-4	
44376					DD	BCPR	E-356-4	
44377					DD	BCKV	E-356-4	
44378					DD	BCGN	E-356-4	
44379					A	BCGN	E-349-2, 356-4	
44380					A	BCGN	E-349-2	
44381					P	BCGN	E-338	
44382					Q	BCGN	E-338	
44383					Q	36708A	E-338	
44384					Q	BCGD	E-338	
44391A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44385			BPD217A	MP0372C POWER CIRCUIT	AB	36183C	E-335	
44386					A	36183C	E-335	
44387					Q	JB3620	E-338	
44388					Q	36183A	E-338	
44389					X	36183A	E-346	
44390					X	JB3680	E-346	
44391					X	36183D	E-346	
44392			C5704	MP0372C CONTROL ROOM PANEL (CH. B)	FF		E-353	
44393			D217	MP0372C MCC D2 CUBICLE (CH. B)	X		E-346	
44394			FPS2MU105A	MP0372C PRESSURE SWITCH (CH. B)	AB		E-335	
44395			MP372C	MU PUMP 1-2 AUX LUBE OIL PUMP (CH. B)	AB		E-335	
44396			NP372C	MP0372C LOCAL CONTROLLER (CH. B)	AB		E-335	
44397			RC2826	MP0372C RELAY CABINET (CH. B)	G		E-336	
44507	P-372D		AD105	MP372D CIRCUIT BREAKER (CH. B)	Q		E-338	
44400			BCBF1168B	MP372D CONTROL CIRCUIT	AB	27445A	E-335	
44401					AB	27440A	E-335	
44402					G	27440A	E-335	
44403					A	27440A	E-335	
44404			BCBF1168C	MP372D CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44405					DD	BCP02D	E-356-8	
44406					DD	BCPC	E-356-4	
44407					DD	BCPR	E-356-4	
44408					DD	BCPE	E-356-4	
44409					DD	BCEQ	E-356-4	
44410					CC	BCEQ	E-347	
44411					U	BCEQ	E-349-3	
44412					G	BCEQ	E-335	
44413					G	27399A	E-335	
44414					A	27399A	E-335	
44415			BCBF1168D	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44416					AB	28247A	E-336	
44417					AB	BCFE	E-336	
44418					AB	BCFE	E-350	
44419					DG	BCFE	E-348	
44420					V	BCFE	E-348	
44421					V	48090B	E-347, 348	
44422					V	BCLB	E-347, 348	
44423					DD	BCLB	E-356-4	
44424					DD	BCPE	E-356-4	
44425					DD	BCEQ	E-356-4	
44426					CC	BCEQ	E-347	
44427					U	BCEQ	E-349-3	
44428					G	BCEQ	E-335	
44429					G	27399A	E-335	
44430					A	27399A	E-335	
44431			BCBF1168E	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44432					AB	28247A	E-336	
44433					AB	BCFE	E-336	
44434					AB	BCFE	E-350	
44435					DG	BCFE	E-348	
44436					V	BCFE	E-348	
44437					V	48090B	E-347, 348	
44438					V	BCLB	E-347, 348	
44439					DD	BCLB	E-356-4	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44440	MUPS	P-372D	BCBF1168E	MP372D CONTROL CIRCUIT	DD	BCPE	E-356-4	
44441					DD	BCBQ	E-356-4	
44442					CC	BCBQ	E-347	
44443					U	BCBQ	E-349-3	
44444					G	BCBQ	E-335	
44445					G	27399A	E-335	
44446					A	27399A	E-335	
44447			BCBF1168F	MP372D CONTROL CIRCUIT	AB	27217C	E-335	
44448					AB	27217A	E-335	
44449					G	27217A	E-335	
44450					G	BCBQ	E-335	
44451					U	BCBQ	E-349-3	
44452					CC	BCBQ	E-347	
44453					DD	BCBQ	E-356-4	
44454					DD	BCPE	E-356-4	
44455					DD	BCPR	E-356-4	
44456					DD	BCPC	E-356-4	
44457					DD	BCFE	E-356-4	
44458					V	BCFE	E-348, 347	
44459					DG	BCFE	E-348	
44460					AB	BCFE	E-350	
44461					AB	BCFE	E-336	
44462					AB	28247A	E-336	
44463					G	28247A	E-336	
44464			BCBF1168G	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44465					AB	28247A	E-336	
44466					AB	BCFE	E-336	
44467					AB	BCFE	E-350	
44468					DG	BCFE	E-348	
44469					V	BCFE	E-348	
44470					V	48040A	E-347, 348	
44471					V	BCLB	E-347, 348	
44472					DD	BCLB	E-356-4	
44473					DD	BCPC	E-356-4	
44474					DD	BCKQ	E-356-4	
44475					DD	BCPR	E-356-4	
44476					DD	BCKP	E-356-4	
44477					DF	BCKP	E-346, 347	
44478					X	BCKP	E-346	
44479					X	46762A	E-346	
44480			BCBF1168I	MP372D CONTROL CIRCUIT	DD	BCKQ	E-356-4	
44481					G	28247A	E-336	
44482					AB	28247A	E-336	
44483					AB	BCFE	E-336	
44484					AB	BCFE	E-350	
44485					DG	BCFE	E-348	
44486					V	BCFE	E-348	
44487					V	48090A	E-348, 347	
44488					V	BCLB	E-348, 347	
44489					DD	BCLB	E-356-4	
44490					DD	BCPC	E-356-4	
44491					DD	BCPR	E-356-4	
44492					DD	BCGN	E-356-4	
44493					A	BCGN	E-349-2, 347	
44494					A	BCGN	E-349-2	
44495					P	BCGN	E-338	
44496					Q	BCGN	E-338	
44497					Q	36708A	E-338	
44498					Q	BCGD	E-338	
44506A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44506			BF1168	MP372D CIRCUIT BREAKER (CH. B)	A		E-346	
44499			BPF1168A	MP372D POWER CIRCUIT	A	27437A	E-335	
44500					AB	27437A	E-335	
44501			C5704	MP372D CONTROL ROOM PANEL (CH. B)	FF		E-353	
44501A			D217	MP0372C MCC D2 CUBICLE (INTLK)	X		E-335	
44502			FPSMU102A	MP372D PRSSURE SWITCH (CH. B)	AB		E-335	
44503			MP372D	MU PUMP AUX GEAR L.O. PUMP (CH. B)	AB		E-335	
44504			NP372D	MP372D LOCAL CONTROLLER (CH. B)	AB		E-335	
44505			RC2826	MP372D RELAY CABINET (CH. B)	G		E-336	
44600	P37-1		1CAC105J	MP0371A CONTROL CIRCUIT	K	36964B	E-338	
44601					K	36075C	E-338	
44602					K	1CGP	E-338	
44603					DUCT	36075B*	E-337	
44604					S	36075A	E-338, 351	
44605					S	1CGC	E-338	
44606					S	36509A	E-338, 351-1	
44607					S	1CGZ	E-338	
44674			1PAC105A	MP0371A POWER CIRCUIT	S	36031A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44675	MUPS	P37-1	1PAC105A	MP0371A POWER CIRCUIT	DUCT	36031B*	E-333	
44675A					AB	36031B*	E-333, 337	
44675B					A	36031B*	E-333, 337	
44675C					AB	36031B*	E-333, 337	
44675D					AB	36031B*	E-333, 337	
44676					AB	36031C	E-335	
44677			AC105	MP0371A CIRCUIT BREAKER (CH. 1)	S		E-338	
44608			ACAC105B	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44609					DD	ACP02B	E-356-8	3 D
44610					DD	ACPG	E-356-2	3 D
44611					DD	ACPJ	E-356-2	3 D
44612					DD	ACGF	E-356-2	3 D
44613					II	ACGF	E-338, 349-1	3 D
44614					S	ACGF	E-338	3 D
44615					S	36508A	E-338	3 D
44616			ACAC105C	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44617					DD	ACP02B	E-356-8	3 D
44618					DD	ACPG	E-356-2	3 D
44619					DD	ACPJ	E-356-2	3 D
44620					DD	ACGF	E-356-2	3 D
44621					II	ACGF	E-338	3 D
44622					S	ACGF	E-338	3 D
44623					S	36508A	E-338	3 D
44628D			ACAC105D	MP0371A CONTROL POWER	AB	36032B*	E-333, 337	
44628E					DUCT	36032B*	E-333, 337	
44632			ACAC105E	MP0371A CONTROL CIRCUIT	AB	27291A	E-335	
44633					AB	36032C	E-335	
44634					AB	36032B*	E-333, 337	
44634A					AB	36032B*	E-333, 337	
44634B					G	36032B*	E-333, 337	
44634D					A	36032B*	E-333, 337	
44634E					DUCT	36032B*	E-333, 337	
44635					S	36032A	E-338	
44636					S	36508A	E-338	
44637					S	ACGF	E-338	
44638			ACAC105F	MP0371A CONTROL CIRCUIT	AB	27290B	E-335	
44639					AB	27290A	E-335	
44640					G	27290A	E-335	
44641					AB	36032C	E-335	
44642					AB	36032B*	E-333, 337	
44642A					AB	36032B*	E-333, 337	
44642C					A	36032B*	E-333, 337	
44642D					A	36032B*	E-333, 337	
44642E					DUCT	36032B*	E-333, 337	
44643					S	36032A	E-338	
44644					S	ACGF	E-338	
44645					S	36508A	E-338	
44665			ACAC105K	MP0371A CONTROL CIRCUIT	AB	27088A	E-335-1	
44666					AB	27354A	E-335	
44667					G	27354A	E-335	
44668					G	ACAB	E-335, 336	
44669					G	ACFA	E-336	
44670					G	JB2805	E-336	
44671					G	ACFH	E-336	
44672					G	28253A	E-336	
44673					G	28300B	E-336	
44615A			ACAC105L	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44615B					S	1CGZ	E-338, 351-1	3 A
44615C					S	1CGC	E-338, 351-1	3 A
44615D					S	36312A	E-338	3 A
44615E					R	36312A	E-338	3 A
44615F					P	36312A	E-338	3 A
44615G					P	JB3623	E-338	3 A
44615H					P	36312B	E-338	3 A
44615I					A	36312B	E-338, 349-2	3 A
44615J					A	JB3714	E-349-2	3 A
44615K					A	36312C	E-349-2	3 A
44615L					V	36312C	E-349-3	3 A
44615M					V	1CJM	E-349-3	3 A
44615N					U	1CJM	E-349-3, 351-4	3 A
44615P					CC	1CJM	E-347, 351-4	3 A
44615Q					DD	1CJM	E-356-6	3 A
44615R					DD	1CPL	E-356-6	3 A
44615S					DD	1CPR	E-356-6	3 A
44615T					DD	1CPM	E-356-6	3 A
44615U					DD	57092A	E-356-4	3 A
44615V					FF	57092A	E-353	3 A
44623A			ACAC105M	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44623B					S	1CGZ	E-338, 351-1	3 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44623C	MUPS	P37-1	ACAC105M	MP0371A CONTROL CIRCUIT	S	1CGC	E-338, 351-1	3 A
44623D					S	36312A	E-338	3 A
44623E					R	36312A	E-338	3 A
44623F					P	36312A	E-338	3 A
44623G					P	JB3623	E-338	3 A
44623H					P	36312B	E-338	3 A
44623I					A	36312B	E-338, 349-2	3 A
44623J					A	JB3714	E-349-2	3 A
44623K					A	36312C	E-349-2	3 A
44623L					V	36312C	E-349-3	3 A
44623M					V	1CJM	E-349-3	3 A
44623N					U	1CJM	E-349-3, 351-4	3 A
44623P					CC	1CJM	E-347, 351-4	3 A
44623Q					DD	1CJM	E-356-4	3 A
44623R					DD	1CPL	E-356-4	3 A
44623S					DD	1CPR	E-356-4	3 A
44623T					DD	1CPM	E-356-4	3 A
44623U					DD	57092A	E-356	3 A
44623V					FF	57092A	E-356	3 A
44664A			ACAC105N	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44664B					S	1CGZ	E-338	3 A
44664C					S	1CGC	E-338	3 A
44664D					S	36312A	E-338	3 A
44664E					R	36312A	E-338	3 A
44664F					P	36312A	E-338	3 A
44664G					P	JB3623	E-338	3 A
44664H					P	36312B	E-338	3 A
44664I					A	36312B	E-338, 349-2	3 A
44664J					A	JB714	E-349-2	3 A
44664K					A	36312C	E-349-2	3 A
44664L					V	36312C	E-349-3	3 A
44664M					V	1CJM	E-349-3, 350	3 A
44664N					V	1CFP	E-350	3 A
44664P					G	1CFP	E-336	3 A
44664Q					G	28059A	E-336	3 A
44678			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
44679			C5704	MP0371A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
44680			FPS3MU105B	MP0371A PRESSURE SWITCH (CH. A)	AB		E-335	
44681			MP0371A	MAKE UP PUMP 1-1 (CH. A & 1)	AB		E-335	
44682			MV6405	MP0371A CONTROL CIRCUIT	AB		E-335-1	
44683			NP371A	MP0371A LOCAL CONTROLLER (CH. A)	AB		E-335	
44684			RC2825	MP0371A RELAY CABINET (CH. A)	G		E-336	
44700	P37-2		2CAD105J	MP0372A CONTROL CIRCUIT	J	36919B	E-338	
44701					J	2CGS	E-338	
44702					J	36176C	E-338	
44704					DUCT	36176B*	E-337	
44705					Q	36176A	E-338	
44706					Q	36709A	E-338	
44808			2PAD105A	MP0372A POWER CIRCUIT	AB	36131C	E-335	
44809					AB	36131B*	E-337, 333	
44809A					AB	36131B*	E-333, 337	
44809B					A	36131B*	E-337	
44809C					AB	36131B*	E-333, 337	
44809D					DUCT	36131B*	E-333, 337	
44810					Q	36131A	E-338	
44811			AD105	MP0372A CIRCUIT BREAKER (CH. B)	Q		E-338	
44708			BCAD105B	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44709					DD	BCP02D	E-356-8	
44710					DD	BCPC	E-356-4	
44711					DD	BCPD	E-356-4	
44712					DD	BCPR	E-356-4	
44713					DD	BCPF	E-356-4	
44714					DD	BCGN	E-356-4	
44715					A	BCGN	E-347, 356-4	
44716					A	BCGN	E-349-2	
44717					P	BCGN	E-338	
44718					Q	BCGN	E-338	
44719					Q	36708A	E-338	
44720					Q	BCGD	E-338	
44721			BCAD105C	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44722					DD	BCP02D	E-356-8	
44723					DD	BCPC	E-356-4	
44724					DD	BCPD	E-356-4	
44725					DD	BCPR	E-356-4	
44726					DD	BCPF	E-356-4	
44727					DD	BCGN	E-356-4	
44728					A	BCGN	E-347, 356-4	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44729	MUPS	P37-2	BCAD105C	MP0372A CONTROL CIRCUIT	A	BCGN	E-349-2	
44730					P	BCGN	E-338	
44731					Q	BCGN	E-338	
44732					Q	36708A	E-338	
44733					Q	BCGD	E-338	
44742			BCAD105E	MP0372A CONTROL CIRCUIT	AB	27289A	E-335	
44743					AB	36132C	E-335	
44744					AB	36132B*	E-333	
44744A					G	36132B*	E-333	
44744B					AB	36132B*	E-333	
44744C					A	36132B*	E-333, 337	
44744D					A	36132B*	E-333, 337	
44744E					DUCT	36132B*	E-333, 337	
44745					Q	36132A	E-338, 351-2	
44746					Q	BCGL	E-338	
44747					Q	36708A	E-338	
44748					Q	BCGD	E-338	
44749			BCAD105F	MP0372A CONTROL CIRCUIT	AB	27288B	E-335	
44750					AB	27288A	E-335	
44751					AB	36132C	E-335	
44752					AB	36132B*	E-333	
44752A					G	36132B*	E-333	
44752B					AB	36132B*	E-333	
44752C					A	36132B*	E-333, 337	
44752D					A	36132B*	E-333, 337	
44752E					DUCT	36132B*	E-333, 337	
44753					Q	36132A	E-338	
44754					Q	BCGL	E-338	
44755					Q	36708A	E-338	
44756					Q	BCGD	E-338	
44757			BCAD105G	MP0372A CONTROL CIRCUIT	G	28222A	E-336	
44758					AB	28222A	E-336	
44759					AB	BCFE	E-336	
44760					AB	BCFE	E-350	
44761					DG	BCFE	E-348	
44762					V	BCFE	E-348	
44763					DD	BCFE	E-356-4	
44764					DD	BCPC	E-356-4	
44765					DD	BCPE	E-356-4	
44766					DD	BCPR	E-356-4	
44767					DD	BCPF	E-356-4	
44768					DD	BCGN	E-356-4	
44769					A	BCGN	E-347, 356-4	
44770					A	BCGN	E-349-2	
44771					P	BCGN	E-338	
44772					Q	BCGN	E-338	
44773					Q	36708A	E-338	
44774					Q	BCGD	E-338	
44775			BCAD105H	MP0372A CONTROL CIRCUIT	G	28247B	E-336	
44776					AB	BCFE	E-336	
44777					AB	BCFE	E-350	
44778					DG	BCFE	E-348	
44779					V	BCFE	E-348	
44780					V	48090B	E-348	
44781					V	BCFE	E-348	
44782					V	BCLB	E-347	
44783					DD	BCLB	E-356-4	
44784					DD	BCPC	E-356-4	
44785					DD	BCKQ	E-356-4	
44786					DD	BCPR	E-356-4	
44787					DD	BCKV	E-356-4	
44788					DD	BCGN	E-356-4	
44789					A	BCGN	E-347, 356-4	
44790					A	BCGN	E-349-2	
44791					P	BCGN	E-338	
44792					Q	BCGN	E-338	
44793					Q	36708A	E-338	
44794					Q	BCGD	E-338	
44795			BCAD105K	MP0372A CONTROL CIRCUIT	AB	27355A	E-335-1	
44796					G	27355A	E-335-1	
44797					G	BCEQ	E-335, 335-1	
44798					U	BCEQ	E-351-4	
44799					U	37475C	E-349-3	
44800					U	BCHD	E-349-3	
44801					A	BCHD	E-349-2	
44802					A	BCJD	E-349-2	
44803					A	BCJD	E-349-2, 356-4	
44804					DD	BCJD	E-356-4	
44805					DD	BCKR	E-356-4	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44806	MUPS	P37-2	BCAD105K	MP0372A CONTROL CIRCUIT	DF	BCKR	E-346, 347	
44807					DF	46856D	E-346, 347	
44812			C3616	MP0372A ELECT CTRL & RLY BD (CH. 2)	J		E-338	
44813			CS704	MP0372A CONTROL ROOM PANEL (CH. B)	FF		E-353	
44814			FPS3MU105A	MP0372A PRESSURE SWITCH (CH. B)	AB		E-335	
44815			MP0372A	MAKE UP PUMP 1-2 (CH. B & 2)	AB		E-335	
44816			MV3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335-1	
44817			NP0372A	MP0372A LOCAL CONTROLLER (CH. B)	AB		E-335	
44818			RC2825	MP0372A RELAY CABINET (CH. B)	G		E-336	
44819			RC2826	MP0372A RELAY CABINET (CH. B)	G		E-335	
44820			RC4602	MP0372A RELAY CABINET (CH. B)	DF		E-347	
44820A		P371A	N/A	MU PUMP 1 MSIN GESR LO PUMP	AB	N/A		
44820B		P372A	N/A	MU PUMP 2 MSIN GESR LO PUMP	AB	N/A		
44830		T-4	N/A	MAKEUP TANK	G	MAN		
44850A		T15-1	N/A	CLEAN WASTE RECIEVER TANK 1-1	A	N/A		
44850		T15-2	N/A	CLEAN WASTE REVEIVER TANK 1-2	A	MAN		
44835		T5-1	N/A	MIXED BED PURIFICATION DEMINERLIZER 1-1	G	MAN		
44840		T5-2	N/A	MIXED BED PURIFICATION DEMINERLIZER 1-2	G	MAN		
44845		T5-3	N/A	CATION BED PURIFICATION DEMINERLIZER 1-3	G	MAN		
44845A		WC119	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	A	N/A		
44845B		WC120	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	G	N/A		
44940		WC1453	ACV1453A	WC1453 CONTROL CIRCUIT	G	27633B	E-335	
44900			ACV1453B	WC1453 LOCAL CIRCUIT	G	NIPPLE	E-335	
44901			ACV1453C	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44902					G	ACEM	E-335	
44903					G	27570A	E-335	
44904					G	ACFB	E-335	
44905					G	ACDA	E-335	
44906					AB	ACDA	E-332	
44907					AB	ACDD	E-332	
44908					A	ACDD	E-332	
44909					A	ACDE	E-332	
44910			ACV1453D	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44911					G	ACEM	E-335	
44912					G	ACEN	E-335	
44913					U	ACEN	E-349	
44914					CC	ACEN	E-347	
44915					DD	ACEN	E-356	
44916					DD	37720A	E-356	
44917					DD	ACGH	E-356	
44918					G	ACGH	E-349	
44919					G	37698A	E-349	
44919A			ACV1453E	WC1453 INDICATING CIRCUIT	G	27633B	E-335	
44920			ACV1453F	WC1453 CONTROL CIRCUIT	G	27545A	E-335	
44921					G	ACEM	E-335	
44922					G	ACEN	E-335	
44923					U	ACEN	E-349	
44924					CC	ACEN	E-347	
44925					DD	ACEN	E-356	
44926					DD	37720A	E-356	
44927					DD	ACGH	E-356	
44928					G	ACGH	E-349	
44929					G	37698A	E-349	
44930			ACV1453G	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44931					G	ACEM	E-335	
44932					G	ACEN	E-335	
44933					U	ACEN	E-349	
44934					CC	ACEN	E-347	
44935					DD	ACEN	E-356	
44936					DD	ACPG	E-356	
44937					DD	ACPR	E-356	
44938					DD	ACP20A	E-356	
44939					FF	ACP20A	E-356	
44943			C1702	WC1453 CONTROL CABINET	A		E-332	
44946			CS718	WC1453 CONTROL ROOM PANEL (CH A)	FF		E-353	
44941			EV1453	WC1453 TERMINAL BOX (CH A)	G		E-335	
44942			NV1453	WC1453 LOCAL CONTROLLER (CH A)	G		E-335	
44944			RC3715	WC1453 RELAY CABINET	G		E-349	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44947	MUPS	WC1453	SV1453	WC1453 SOLENOID VALVE	G		E-335	
44945			TSHH1740	WC1453 TEMPERATURE SWITCH	G		E-335	
45130		WC1743	ACV1743A	WC1743 POWER CIRCUIT	A	17609C	E-332	
45131			ACV1743B	WC1743 CONTROL CIRCUIT	A	NIPPLE	E-332	
45132			ACV1743C	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45133					A	ACDD	E-332	
45134					AB	ACDD	E-332	
45135					A	ACDE	E-332	
45136			ACV1743D	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45137					A	ACDD	E-332	
45138					AB	ACDD	E-332	
45139					A	ACDD	E-332	
45140					A	17702A	E-332	
45141			ACV1743E	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45142					A	ACDD	E-332	
45143					AB	ACDD	E-332	
45144					AB	ACDA	E-332	
45145					AB	17122A	E-332	
45146					AB	17122B*	E-330	
45147					A	17122B*	E-330	
45148					A	17122C	E-332	
45149					A	17122E	E-332	
45150					A	17122G	E-332	
45151					A	17122H	E-332	
45152			ACV1743F	WC1743 INDICATING CIRCUIT	A	17609C	E-322	
45160			ACV1743G	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45161					A	ACDD	E-332	
45162					AB	ACDD	E-332	
45163					AB	ACDA	E-332, 351-4	
45164					G	ACDA	E-335, 351-4	
45165					U	ACDA	E-349-3, 351-4	
45166					CC	ACDA	E-347, 351-4	
45167					DD	ACDA	E-356-2	
45168					DD	ACPJ	E-356-2	
45169					DD	ACPG	E-356-2	
45170					DD	ACP20A	E-356-9	
45171					FF	ACP20A	E-353, 356-9	
45172			C1702	WC1743 CONTROL CABINET	A		E-322	
45178			CS718	CONTROL ROOM BENCH BOARD	FF		E-353	
45173			EV1751	WC1743 TERMINAL BOX	A		E-322	
45177			FLSHH1746	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-322	
45174			NV1743	WC1743 LOCAL CONTROLLER	A		E-322	
45176			RC1760	WC1743 RELAY CABINET	A		E-322	
45175			SV1743	WC1743 SOLENOID VALVE	A		E-322	
45000		WC1747	BCV1747A	WC1747 CONTROL CIRCUIT	A	17610C	E-332	
45001			BCV1747B	WC1747 CONTROL CIRCUIT	A	NIPPLE	E-332	
45002			BCV1747C	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45003					G	17610A	E-335	
45004					G	BCEQ	E-335	
45005					G	BCDR	E-335	
45006					A	BCDR	E-332	
45007					A	BCDS	E-332	
45008					A	BCDT	E-332	
45009					A	BCDE	E-332	
45010			BCV1747D	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45011					G	17610A	E-335	
45012					G	BCEQ	E-335	
45013					G	BCDR	E-332	
45014					A	BCDR	E-335	
45015					A	BCDS	E-332	
45016					A	BCDT	E-332	
45017					A	17703A	E-332	
45018			BCV1747E	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45019					G	17610A	E-335	
45020					G	BCEQ	E-335	
45021					G	BCDR	E-332	
45022					A	BCDR	E-335	
45023					A	BCDS	E-332	
45024					A	17105A	E-332	
45025					A	17105B*	E-330	
45026					A	17105C	E-335	
45027					A	17105E	E-335	
45028					A	17105G	E-332, 335	
45029					A	17105H	E-335	
45029A			BCV1747F	WC1747 INDICATING CIRCUIT	A	17610C	E-332	
45030			BCV1747G	WC1747 CONTROL CIRCUIT	A	17610D	E-332	
45031					G	17610D	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
45033	MUPS	WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	G	BCBQ	E-335	
45034					U	BCBQ	E-349	
45035					CC	BCBQ	E-347	
45036					DD	BCBQ	E-356	
45037					DD	BCPR	E-356	
45038					DD	BCPC	E-356	
45039					DD	BCP20B	E-356	
45040					FF	BCP20B	E-356	
45044			C1702	WC1747 CONTROL CABINET	A		E-335	
45045			C5718	WC1747 CONTROL ROOM PANEL (CH B)	FF		E-353	
45041			EV1752	WC1747 TERMINAL BOX (CH B)	A		E-332	
45046			FLSHH1748	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-335	
45042			NV1747	WC1747 LOCAL CONTROLLER	A		E-332	
45043			RC1761	WC1747 RELAY CABINET	A		E-335	
45047			SV1747	WC1747 SOLENOID VALVE	A		E-332	
45121		WC3560	ACV3560A	WC3560 POWER CIRCUIT	G	27635C	E-335	
45122					G	27635D	E-335	
45100			ACV3560B	WC3560 CONTROL CIRCUIT	G	NIPPLE	E-335	
45101			ACV3560C	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45102					G	ACEM	E-335	
45103					G	ACEN	E-335	
45104					U	ACEN	E-349	
45105					CC	ACEN	E-347	
45106					DD	ACEN	E-356	
45107					DD	ACPG	E-356	
45108					DD	ACPR	E-356	
45109					DD	ACP20A	E-356	
45110					FF	ACP20A	E-356	
45111			ACV3560D	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45112					G	ACEM	E-335	
45113					G	ACEN	E-335	
45114					U	ACEN	E-349	
45115					CC	ACEN	E-347	
45116					DD	ACEN	E-356	
45117					U	37720A	E-349	
45118					DD	ACGH	E-356	
45119					G	ACGH	E-349	
45120					G	37751A	E-349	
45120A			ACV3560E	WC3560 INDICATING CIRCUIT	G	27635C	E-335	
45120B					G	27635D	E-335	
45125			C5718	WC3560 CONTROL ROOM PANEL (CH A)	FF		E-353	
45123			EV3560	WC3560 TERMINAL BOX (CH A)	G		E-335	
45124			NV3560	WC3560 LOCAL CONTROLLER (CH A)	G		E-335	
45126			RC3715	WC3560 RELAY CABINET	G		E-349	
45127			SV3560	WC3560 SOLENOID VALVE	G		E-335	
45200	NI	NI-5874A	1LNPF5874A	NE5874, NI5874A INDICATING CIRCUIT	D	C3911	E-365	
45201					D	39010D	E-365, 368, 369	
45202					D	C3901	E-369	
45203					D	39085C	E-369	
45204					D	JB3925	E-369	
45205					D	JB5874A	E-369	
45206			1LNPF5874B	NE5874, NI5874A INDICATING CIRCUIT	D	JB3925	E-369	
45207					D	39085B	E-369	
45208					D	JB3927	E-369	
45209					D	39085A	E-369, 366	
45210					AB	Exposed	E-366	
45211					D	JB5874A	E-366	
45212			1LNPF5874C	NE5874, NI5874A INDICATING CIRCUIT	DG	48554A	E-348	
45213			1LNPF5874E	NE5874, NI5874A INDICATING CIRCUIT	DG	48554B	E-348	
45214			1LNPF5874G	NE5874, NI5874A INDICATING CIRCUIT	DG	48554C	E-348	
45215					V	48554C	E-348	
45216					V	JB4850	E-348	
45217					V	48408B	E-348	
45218					DD	48408B	E-356	
45219					DD	1LP63A	E-356	
45220					FF	1LP63A	E-353	
45221					FF	5763A5	E-353	
45224			C4808	NE5874, NI5874A CONTROL PANEL	DG		E-348	
45225			C5799	NE5874, NI5874A CONTROL ROOM PANEL	FF		E-353	
45226			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45228			NI5874A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45227			NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER	DG		E-348	
45229			NY5874C	SIGNAL PROCESSOR	DG		E-348	
45222			P1L5WI	NE5874, NI5874A PENE TERMINAL BOX	D		E-366	
45223			P1L5WX	NE5874, NI5874A PENE TERMINAL BOX	DG		E-348	
45300		NI-5874C	1LNPF5874A	NE-5874, NI-5874C IND CIRCUIT	D	C3911	E-365	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45301	NI	NI-5874C	1LNPF5874A	NE-5874,NI-5874C IND CIRCUIT	D	39010D	E-365, 368, 369	
45302					D	C3901	E-369	
45303					D	39085C	E-369	
45304					D	JB3925	E-369	
45305					D	JB5874A	E-346	
45306			1LNPF5874B	NE-5874,NI-5874C IND CIRCUIT	D	JB3925	E-369	
45307					D	39085B	E-369	
45308					D	JB3927	E-369	
45309					D	39085A	E-366, 369	
45310					AB	Exposed	E-366	
45311					D	JB5874A	E-346	
45312			1LNPF5874C	NE-5874,NI-5874C IND CIRCUIT	DG	48554A	E-348	
45313			1LNPF5874D	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45314			1LNPF5874E	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45315			1LNPF5874F	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45318			C4808	NE-5874,NI-5874C CONTROL PANEL	DG		E-348	
45319			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45321			NI5874C	EX-CORE NEUTRON FLUX SR INDICATOR	DG		E-348	
45320			NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER	DG		E-348	
45322			NY5874C	SIGNAL PROCESSOR	DG		E-348	
45316			P1LSWI	NE-5874,NI-5874C PENE BOX	D		E-369	
45317			P1LSWX	NE-5874,NI-5874C PENE BOX	DG		E-348	
45400		NI-5875A	2LNPF5875A	NE5875,NI5875A INDICATING CIRCUIT	D	C3912	E-369	
45401					D	39035B	E-369, 365	
45402					D	JB3924	E-369	
45403					D	39180A	E-369	
45404					D	JB3923	E-369	
45405					D	JB5875A	E-369	
45406			2LNPF5875B	NE5875,NI5875A INDICATING CIRCUIT	D	JB3923	E-369	
45407					D	39179A	E-369	
45408					A	Exposed	E-366	
45409					D	JB5875A	E-369	
45410			2LNPF5875C	NE5875,NI5875A INDICATING CIRCUIT	DF	JB3682	E-346	
45411					DF	46961A	E-346	
45412					DF	JB4681	E-346	
45413					DF	2CKP	E-346	
45414					DF	FIELD	E-346	
45415			2LNPF5875E	NE5875,NI5875A INDICATING CIRCUIT	DF	46961C	E-346	
45416					DF	JB4677	E-346	
45417					DF	46961G	E-346, 347	
45418					DF	JB4678	E-347	
45419					DF	46961J	E-347	
45420			2LNPF5875G	NE5875,NI5875A INDICATING CIRCUIT	DF	46961D	E-347	
45421					DF	JB4712	E-347	
45422					DD	2LP55G	E-356	
45423					FF	2LP55G	E-353	
45424					DF	47554D	E-347	
45425					DD	47554D	E-356	
45426					FF	5755G5	E-353	
45429			C4602	NE5875,NI5875A CONTROL PANEL	DF		E-344, 347	
45430			C5798	NE5875,NI5875A CONTROL ROOM PANEL	FF		E-353	
45431			NE5875	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-369	
45433			NI5875A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45432			NY5875B	EX-CORE NEUTRON FLUX AMPLIFIER	DF		E-343, 346	
45434			NY5875C	SIGNAL PROCESSOR	DF		E-353	
45427			P2L2CI	NE5875,NI5875A PENE TERMINAL BOX	D		E-366	
45428			P2L2CX	NE5875,NI5875A PENE TERMINAL BOX	DF		E-343, 346	
45600		NI-NI1	2LRPSA03A	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45601					DD	47550A	E-356-1	
45602					FF	47550A	E-356-1	
45603			2LRPSA03B	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45604					DD	47550A	E-356-1	
45605					FF	47550A	E-356-1	
45606			2LRPSA03C	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45607					DD	47550A	E-356-1	
45608					FF	47550A	E-356-1	
45609			2LRPSA03E	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39035B	E-365	
45610			2LRPSA03X	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45611					A	Exposed	E-378B-3	
45612			2LRPSA03Y	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45613					A	Exposed	E-378B-3	
45614			2LRPSA03Z	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45615					A	Exposed	E-378B-3	
45615A			BLNI2201	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	UNSCHE	E-356-1	
45615B					DD	BLP	E-356-1	
45615C					DD	BLPA	E-356-1	
45615D					DD	BLP	E-356-1	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45615E	NI	NI-NI1	BLNI2201	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	UNSCHED	E-356-1	
45616			C3902	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45617			C3912	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45618			C5755E	NE, NT, NI-NI1 CTRM PANEL (CH. 2)	FF		E-353	
45619			NE-NI1	SOURCE RANGE ELEMENT (CH. 2)	D		E-365	
45620			NI-NI1	SOURCE RANGE INDICATOR (CH. 2)	FF		E-353	
45621			NT-NI1	SOURCE RANGE TRANSMITTER (CH. 2)	D		E-365	
45622			P2L4GI	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	D		E-362	
45623			P2L4GX	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	DF		E-347	
45700		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45701					V	38600A	E-350, 349-3	
45702					U	38600A	E-349-3	
45703					CC	38600A	E-347	
45704					DD	38600A	E-356-1	
45705					FF	38600A	E-356-1	
45706			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45707					V	38600A	E-350, 349-3	
45708					U	38600A	E-349-3	
45709					CC	38600A	E-347	
45710					DD	38600A	E-356-1	
45711					FF	38600A	E-356-1	
45712			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45713					V	38600A	E-350, 349-3	
45714					U	38600A	E-349-3	
45715					CC	38600A	E-347	
45716					DD	38600A	E-356-1	
45717					FF	38600A	E-356-1	
45718			1LRPSB03E	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39010D	E-365, 368	
45719			1LRPSB03X	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45720					D	39006C	E-368	
45721					D	39006B	E-365	
45722					AB	Exposed	E-378B-3	
45723			1LRPSB03Y	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45724					D	39006C	E-368	
45725					D	39006B	E-365	
45726					AB	Exposed	E-378B-3	
45727			1LRPSB03Z	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45728					D	39006C	E-368	
45729					D	39006B	E-365	
45730					AB	Exposed	E-378B-3	
45730A			ALNI1201	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	UNSCHED	E-356-1	
45730B					DD	ALP	E-356-1	
45730C					DD	ALPB	E-356-1	
45730D					DD	ALP	E-356-1	
45730E					FF	UNSCHED	E-356-1	
45731			C3901	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365	
45732			C3911	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365	
45733			C5762E	NE, NT, NI-NI2 CTRL RM PANEL (CH. 1)	FF		E-353	
45734			NE-NI2	SOURCE RANGE ELEMENT (CH. 1)	D		E-365	
45735			NI-NI2	SOURCE RANGE INDICATOR (CH. 1)	FF		E-353	
45736			NT-NI2	SOURCE RANGE TRANSMITTER (CH. 1)	D		E-365	
45737			P1L1LI	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	D		E-369	
45738			P1L1LX	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	AB		E-350	
44799A	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	AB	27134C	E-335	1 A
44799B					AB	JB2709	E-335	1 A
44799C					AB	27134A	E-335	1 A
44799D					A	27134A	E-335	1 A
44799E					A	JT2729	E-335	1 A
44799F					A	27190A	E-335	1 A
44799G					A	27190A	E-335	1 A
44799H					A	27190A	E-349-2	1 A
44799I					A	27190B	E-349-2	1 A
44799J					A	37162A	E-349-2	1 A
44799K					U	37162A	E-349-3	1 A
44799L					CC	37162A	E-347	1 A
44799M					DD	37162A	E-356-1	1 A
44799N					DD	C5755B	E-356-1	1 A
44799P					FF	C5755A	E-356-1	1 A
44799Q					FF	5755G7	E-356-1	1 A
44799R					FF	5755G7	E-353	1 A
44799Z					FF	C5755G	E-356-1	
44795U			2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	FF	C5755G	E-356-1	
44795V					FF	5755G9	E-356-1	
44795W					DD	5755G9	E-356-1	
44795X					FF	C5755H	E-356-1	
44799S					FF	2LP55J	E-356-1	1 A
44799T					DD	2LP55J	E-356-1	1 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
44799U	NNI	FI-MU31	2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	DD	5755G8	E-356-1	1 A			
44799V					DD	JT5722	E-356-1	1 A			
44799W					DD	57093A	E-356-1	1 A			
44799X					FF	57093A	E-356-1	1 A			
44795P					C5703	FT, FI-MU31 CONTROL ROOM PANEL	FF	E-353			
44795Q					FE-MU31	RC MU FLOW ELEMENT	AB	E-335			
44795R					FI-MU31	RC MU FLOW INDICATOR	FF	E-353			
44795S					FT-MU31	RC MU FLOW TRANSMITTER	AB	E-335			
44796A					FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	AB	27134B	E-335	1 A
44796B								AB	JB2709	E-335	1 A
44796C	AB	27134A	E-335	1 A							
44796D	A	27134A	E-335	1 A							
44796E	A	JT2729	E-335	1 A							
44796F	A	27190A	E-335	1 A							
44796G	A	27190A	E-335	1 A							
44796H	A	27190A	E-349-2	1 A							
44796I	A	27190B	E-349-2	1 A							
44796J	A	37162A	E-349-2	1 A							
44796K	U	37162A	E-349-3	1 A							
44796L	CC	37162A	E-347	1 A							
44796M	DD	37162A	E-356-1	1 A							
44796N	FF	C5755B	E-356-1	1 A							
44796P	FF	C5755A	E-356-1	1 A							
44796R	FF	5755G7	E-353	1 A							
44796U	DD	5755G7	E-356-1	1 A							
44798P	FF	C5755G	E-356-1	1 A							
44796S	2LLMU34B	FT, FI-MU34 INDICATING CIRCUIT	FF	2LP55G				E-356-1	1 A		
44796T			DD	2LP55G				E-356-1	1 A		
44796V			DD	JT5722				E-356-1	1 A		
44796W			DD	57093A				E-356-1	1 A		
44796X			FF	57093A				E-356-1	1 A		
44798L			FF	C5755G				E-356-1	1 A		
44798M			FF	5755G9				E-356-1	1 A		
44798N			DD	5755G9				E-356-1	1 A		
44798O			FF	C5755H				E-356-1	1 A		
44798F			C5703	FT, FI-MU34 CONTROL ROOM PANEL				FF	E-353		
44798G	FE-MU31	RC MU FLOW ELEMENT	AB	E-335							
44798H	FI-MU34	RC MU FLOW INDICATOR	FF	E-353							
44798I	FT-MU34	RC MU FLOW TRANSMITTER	AB	E-335							
45740	FI6425	1LL6425A	FT, FI6425 INDICATING CIRCUIT	AB	17816A	E-332					
45741				AB	JB1767	E-332					
45742				AB	17815B	E-332, 412					
45743				AB	17815B	E-336					
45744				AB	17815B	E-350					
45745				DG	17815B	E-348					
45746				DG	JB4853	E-348					
45747				DG	48558B*	E-348					
45747A				V	48558B*	E-348					
45748				V	JB4854	E-348					
45749				V	17815C	E-353					
45750				FF	17815C	E-348					
45751				1LL6425B	FT, FI6425 INDICATING CIRCUIT	FF	5763A8	E-353			
45752						DD	5763A8	E-356			
45753						V	5763A8	E-356			
45754						DD	JB5784	E-356			
45755						DD	57958A	E-356			
45757						C5702	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF	E-353		
45758						C5705	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF	E-353		
45756						C5763A	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF	E-353		
45760	FI6425	RC MU FLOW INDICATOR (CH A)	FF			E-353					
45759	FT6425	RC MU FLOW TRANSMITTER (CH A)	AB			E-332					
45761	JT5721	FT, FI6425 JUNCTION BOX (CH A)	DD	E-356							
45762	JY6425	FT, FI6425 POWER SUPPLY (CH A)	FF	E-353							
45763	Y1	ESSEN 120V AC INST DIST PNL Y1 (CH 1)	Y	E-346							
45770	FI6435	1LL6435A	FT, FI6435 INDICATING CIRCUIT	AB	17815A	E-332					
45771				AB	JB1767	E-332					
45772				AB	17815B	E-332, 412					
45773				AB	17815B	E-336					
45774				AB	17815B	E-350					
45775				DG	17815B	E-348					
45776				DG	JB4853	E-348					
45777				DG	48558B*	E-348					
45777A				V	48558B*	E-348					
45778				V	JB4854	E-348					
45779	V	17815C	E-353								
45780	FF	17815C	E-348								

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
45781	NNI	FI6435	1LL6435B	FT, FI6435 INDICATING CIRCUIT	FF	5763A8	E-353	
45782					V	5763A8	E-356	
45783					DD	5763A8	E-356	
45784					DD	JB5784	E-356	
45785					DD	57958A	E-356	
45787			C5702	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45788			C5703	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45786			C5763A	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45791			FI6435	RCMU FLOW INDICATOR (CH B)	FF		E-353	
45790			FT6435	RCMU FLOW TRANSMITTER (CH B)	AB		E-332	
45789			JT5721	FT, FI6435 JUNCTION BOX (CH B)	DD		E-356	
45792			JY6435	FT, FI6435 POWER SUPPLY (CH B)	FF		E-353	
45800	FYI-HP03A		2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	A	36207F	E-335	
45801					A	36207E	E-335	
45802					A	36207C	E-335	
45803					A	JB2703	E-335	
45804					DUCT	36207B*	E-337, 342	
45805					R	36207A	E-338	
45805A			2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-1, 8	
45806					DD	2CP16C	E-356-1, 356-8	
45807					DD	36270A	E-356-1, 356-8	
45808					A	36270A	E-349-2, 356-1	
45809					A	36270A	E-349-2	
45810					P	36270A	E-338	
45811					R	36270A	E-338	
45812			C3629	FYIHP03A CONTROL CABINET (CH. 2)	R		E-338	
45813			C5716	FYIHP03A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
45814			FYIHP03A	HPI FLOW INDICATOR	FF		E-353	
45815			LPTH03A	FYIHP03A FLOW TRANSMITTER (CH. 2)	A		E-335	
45902	FYI-HP03A1		2LHP03AA	FYIHP03A1 FLOW INDICATION CIRCUIT	A	36207F	E-335	
45903					A	36207E	E-335	
45904					A	36207C	E-335	
45905					A	JB2703	E-335	
45906					DUCT	36207B*	E-337, 342	
45907					R	36207A	E-338	
45900			2LHP03AC	FYIHP03A1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
45901					R	36337B	E-338	
45908			C3629	FYIHP03A1 CONTROL CABINET (CH. 2)	R		E-338	
45909			C3630	FYIHP03A1 AUX. S/D PANEL (CH. 2)	R		E-338	
45910			FYIHP03A1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
45911			LPTH03A	FYIHP03A1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46000	FYI-HP03B		2LHP03BA	FYIHP03B FLOW INDICATION CIRCUIT	R	36207A	E-338	
46001					DUCT	36207B*	E-337, 342	
46002					A	JB2703	E-335	
46003					A	36207C	E-335	
46004					A	36207E	E-335	
46005					A	36207G	E-335	
46006			2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-8	
46007					DD	2CP16C	E-356-1, 356-8	
46008					DD	36270A	E-356-1, 356-8	
46009					A	36270A	E-349-2, 356-1	
46010					A	36270A	E-349-2	
46011					P	36270A	E-338	
46012					R	36270A	E-338	
46013			C3629	FYIHP03B CONTROL CABINET (CH. 2)	R		E-338	
46014			C5716	FYIHP03B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
46015			FYIHP03B	HPI FLOW INDICATOR (CH. 2)	FF		E-353	
46016			LPTH03B	FYIHP03B FLOW TRANSMITTER (CH. 2)	A		E-335	
46102	FYI-HP03B1		2LHP03BA	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36207A	E-338	
46103					DUCT	36207B*	E-337, 342	
46104					A	JB2703	E-335	
46105					A	36207C	E-335	
46106					A	36207E	E-335	
46107					A	36207G	E-335	
46100			2LHP03BC	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
46101					R	36337B	E-338	
46108			C3629	FYIHP03B1 CONTROL CABINET (CH. 2)	R		E-338	
46109			C3630	FYIHP03B1 AUX. S/D PANEL (CH. 2)	R		E-338	
46110			FYIHP03B1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
46111			LPTH03B	FYIHP03B1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46200	FYI-HP03C		1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46201					AB	36273D	E-336	
46202					AB	36273C	E-336	
46203					AB	36273C	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
46205	NNI	FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	G	36273C	E-335					
46206					G	36273A	E-335					
46207					U	36273A	E-349-3					
46208					A	36273A	E-349-2					
46209					P	36273A	E-338					
46210					R	36273A	E-338					
46211					1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8			
46212							DD	1CP16A	E-356-1, 356-8			
46213							DD	37031A	E-356-1, 356-8			
46214							A	37031A	E-349-2			
46215							A	37031A	E-349-2			
46216			P	37031A			E-338					
46217			R	37031A			E-338					
46218			C3628	FYIHP03C CONTROL CABINET (CH. 1)			R	E-338				
46219			C5716	FYIHP03C CONTROL ROOM PANEL (CH. 1)			FF	E-353				
46220			FYIHP03C	HPI FLOW INDICATOR (CH. 1)			FF	E-353				
46221			LPTH03C	FYIHP03C FLOW TRANSMITTER (CH. 1)	AB	E-336						
46302			FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	A	36273A	E-349-2				
46303						AB	36273D	E-336				
46304						AB	36273C	E-336				
46305						AB	36273C	E-335				
46306						G	36273C	E-335				
46307	G	36273A				E-335						
46308	U	36273A				E-349-3						
46309	A	36273A				E-349-2						
46310	P	36273A				E-338						
46311	R	36273A				E-338						
46300	1LHP03CC	FYIHP03C1 FLOW INDICATION CIRCUIT				R	36336A	E-338				
46301						R	36336B	E-338				
46312						C3628	FYIHP03C1 CONTROL CABINET (CH. 1)	R	E-338			
46313						C3630	FYIHP03C1 AUX S/D PANEL (CH. 1)	R	E-338			
46314						FYIHP03C1	HPI FLOW INDICATOR (ASP) (CH. 1)	R	E-338			
46315						LPTH03C	FYIHP03C1 FLOW TRANSMITTER (CH. 1)	AB	E-336			
46400						FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46401									R	36273A	E-338	
46402									P	36273A	E-338	
46403									A	36273A	E-338, 349-2	
46404	U	36273A							E-349-3			
46405	G	36273A							E-335			
46406	AB	36273C	E-335									
46407	G	36273C	E-336									
46408	AB	36273C	E-336									
46409	AB	36273E	E-336									
46410	1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8							
46411			DD	37031A	E-356-1, 356-8							
46412			DD	1CP16A	E-356-1, 356-8							
46413			A	37031A	E-349-2							
46414			A	37031A	E-349-2							
46415			P	37031A	E-338							
46416			R	37031A	E-338							
46417			C3628	FYIHP03D CONTROL CABINET (CH. 1)	R				E-338			
46418			C5716	FYIHP03D CONTROL ROOM PANEL (CH. 1)	FF				E-353			
46419			FYIHP03D	HPI FLOW INDICATOR (CH. 1)	FF				E-353			
46420	LPTH03D	FYIHP03D FLOW TRANSMITTER (CH. 1)	AB	E-336								
46502	FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	A	36273A				E-349-2			
46503				R	36273A	E-338						
46504				P	36273A	E-338						
46505				A	36273A	E-338, 349-2						
46506				U	36273A	E-349-3						
46507				G	36273A	E-335						
46508				AB	36273C	E-335						
46509				G	36273C	E-336						
46510				AB	36273C	E-336						
46511				AB	36273E	E-336						
46500				1LHP03DC	FYIHP03D1 FLOW INDICATION CIRCUIT	R	36336A	E-338				
46501						R	36336B	E-338				
46512						C3628	FYIHP03D1 CONTROL CABINET (CH 1)	R	E-338			
46513						C3630	FYIHP03D1 AUX S/D PANEL (CH.1)	R	E-338			
46514						FYIHP03D1	HPI FLOW INDICATOR (ASP) (CH. 1)	R	E-338			
46515						LPTH03D	FYIHP03D1 FLOW TRANSMITTER (CH 1)	AB	E-336			
46600						LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350	
46601									V	37725A	E-349-3, 350	
46602									A	37725A	E-349-2	
46603									A	37725A	E-349-2	
46604				A	JB3720				E-349-2			

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
46605	NNI	LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	A	36582B	E-349-2					
46606					P	36582B	E-338					
46607					R	36582B	E-338					
46608					1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND. CIRCUIT	D	39186B	E-369			
46609			D	39186A			E-369					
46610			AB	Exposed			E-378B-3					
46611					C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL	R		E-338			
46612					LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338			
46613					LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369			
46614					P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369			
46615					P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350			
46700			LI-RC14-2		2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347			
46701							DF	36591A	E-347			
46702							A	36591A	E-349-2			
46703								P	36591A	E-338		
46704						R	36591A	E-338				
46705					2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A (C)	E-369			
46706	D	49074A					E-362					
46707	A	Exposed					E-378B-3					
46708					C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338			
46709					LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338			
46710					LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D	(C)	E-369			
46711					P2LAGI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366			
46712					P2LAGX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347			
46810	LI-RC14-3				1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350			
46811							V	37725A	E-349-3, 350			
46812			A	37725A			E-349-2					
46813			A	37725A			E-349-2					
46814			A	JB3720			E-349-2					
46815			A	36582B			E-349-2					
46816			P	36582B			E-338					
46817			R	36582B			E-338					
46800							1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	FF	5702A1	E-356-8	
46801			DD	JB5702					E-356-1			
46802			DD	37726D					E-356-1			
46802A			DD	37726C					E-356-1			
46803			DD	37726A					E-356-1			
46804			A	37726A					E-347			
46805			A	37726A					E-349-2			
46806			A	JB3720	E-349-2							
46807			A	36582A	E-349-2							
46808			P	36582A	E-338							
46809			R	36582A	E-338							
46818			D	39186B	E-369							
46819			D	39186A	E-369							
46820			AB	Exposed	E-378B-3							
46821					C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL			R		E-338	
46822					C5705	LT-RC14-3, LI-RC14-3 CTRL RM PNL	FF		E-353			
46823					LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338			
46824					LI-RC14-3	PRESSURIZER LEVEL INDICATOR (CH. 1)	FF		E-353			
46825					LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369			
46826					P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369			
46827					P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350			
46909			LI-RC14-4		2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347			
46910	DF	36591A					E-347					
46911	A	36591A					E-349-2					
46912						P	36591A	E-338				
46913						R	36591A	E-338				
46900					2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	FF	36591G	E-353			
46901	DD	36591G					E-356-1					
46902	DD	36591E					E-356-1					
46903						DD	36591C	E-356-1				
46904						DF	36591C	E-347				
46905						DF	36591A	E-347				
46906						A	36591A	E-349-2				
46907						P	36591A	E-338				
46908						R	36591A	E-338				
46914					2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A	E-369			
46915	D	49074A					E-362					
46916	A	Exposed					E-378B-3					
46917					C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338			
46918					C5705	LT-RC14-1, LI-RC14-4 CTRL RM PNL	FF		E-353			
46919					LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338			
46920					LI-RC14-4	PRESSURIZER LEVEL INDICATOR (CH. 2)	FF		E-353			
46921					LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D		E-369			
46922					P2LAGI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
46923	NNI	LI-RC14-4	P2L4GX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347	
47009		LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47010					DF	36591A	E-347	
47011					A	36591A	E-349-2	
47012					P	36591A	E-338	
47013					R	36591A	E-338	
47001			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	DD	36591F	E-356-1	
47002					DD	36591E	E-356-1	
47003					DD	36591C	E-356-1	
47004					DF	36591C	E-347	
47005					DF	36591A	E-347	
47006					A	36591A	E-349-2	
47007					P	36591A	E-338	
47008					R	36591A	E-338	
47014			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373	
47015					D	49074A	E-369, 366	
47016					A	Exposed	E-378B-3	
47017			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47018			C5712	LT-SP09A3, LI-SP09A1 CTRL RM PNL	FF		E-353	
47019			LI-SP09A1	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	FF		E-353	
47020			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47021			LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47022			P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366	
47000			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47100		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47101					DF	36591A	E-347	
47102					A	36591A	E-349-2	
47103					P	36591A	E-338	
47104					R	36591A	E-338	
47105			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373	
47106					D	49074A	E-369, 366	
47107					A	Exposed	E-378B-3	
47108			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47109			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47110			LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47111			P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366	
47112			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47200		LI-SP09A8	2LSGLT21A	LT, LI-SP09A8 INDICATING CIRCUIT	DF	47402A	E-347	
47201					FF	2LP92B	E-353	
47202					DD	2LP92A	E-356-1	
47203					FF	2LP92A	E-356-1	
47204					DF	57961A	E-356	
47205					DF	JB4707	E-347	
47206			2LSGLT21C	LT, LI-SP09A8 INDICATING CIRCUIT	A	Exposed	E-378B-3	
47207					D	29134A	E-373	
47208					D	29134B	E-373	
47209			C5792A	LT, LI-SP09A8 CTRL ROOM PANEL	FF		E-353	
47210			LI-SP09A8	SG 1-2 START-UP LEVEL IND	FF		E-353	
47211			LT-SP09A8	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47212			P2L4GI	LT, LI-SP09A8 PENETRATION BOX	D		E-366	
47213			P2L4GX	LT, LI-SP09A8 PENETRATION BOX	DF		E-347	
47900		LI-SP09A8A	2LSGLT21A	LTSP09A8, LISP09A8A INDICATING CIRCUIT	DF	47402A	E-347	
47901					DF	JB4707	E-347	
47902					DD	57961A	E-356	
47903					FF	2LP92A	E-356-1	
47904					DD	2LP92A	E-356-1	
47905					FF	2LP92B	E-353	
47906			2LSGLT21C	LTSP09A8, LISP09A8A INDICATING CIRCUIT	D	29134B	E-373	
47907					D	29134A	E-373	
47908					A	Exposed	E-378B-1	
47909			2LSGLT21E	LTSP09A8, LISP09A8A INDICATING CIRCUIT	FF	2LP92B	E-353	
47910					DD	2LP92A	E-353	
47911					FF	2LP92A	E-356-1	
47912					DD	57802A	E-356-1	
47913					FF	UNSCHED	E-356	
47915			C5710	LTSP09A8, LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47914			C5792A	LTSP09A8, LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47920			JT5722	LTSP09A8, LTSP09A8A TERMINAL BOX (CH. 2)	DD		E-356	
47918			LISP09A8A	SG1-2 STARTUP LEVEL INDICATOR (CH. 2)	FF		E-353	
47919			LTSP09A8	SG1-2 STARTUP LEVEL TRANSMITTER (CH. 2)	D		E-373	
47916			P2L4GI	LTSP09A8, LISP09A8A PENE BOX (CH. 2)	D		E-366	
47917			P2L4GX	LTSP09A8, LISP09A8A PENE BOX (CH. 2)	DF		E-347	
47300		LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DF	47551A	E-347	
47301					FF	5739A3	E-353	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47302	NNI	LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DD	5739A3	E-356-1	
47303					DD	5755C2	E-356-1	
47304					DD	2LP55C	E-356-1	
47305					DD	47551B	E-356-1	
47306					DD	47551A	E-356-1	
47307			2LSGLT41C	LT, LI-SP09A9 INDICATING CIRCUIT	A	Exposed	E-378B-3	
47308					D	29135A	E-373	
47309					D	29135B	E-373	
47310			CS792A	LT, LI-SP09A9 CTRL ROOM PANEL	FF		E-353	
47311			LI-SP09A9	SG 1-2 START-UP LEVEL IND	FF		E-353	
47312			LT-SP09A9	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47313			P2L4GI	LT, LI-SP09A9 PENETRATION BOX	D		E-366	
47314			P2L4GX	LT, LI-SP09A9 PENETRATION BOX	DF		E-347	
47411		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47412					V	37725A	E-349-3, 350	
47413					A	37725A	E-349-2	
47414					A	37725A	E-349-2	
47415					A	JB3720	E-349-2	
47416					A	36582B	E-349-2	
47417					P	36582B	E-338	
47418					R	36582B	E-338	
47400			1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	FF	5711A1	E-356-8	
47401					DD	JB5712	E-356-1	
47402					DD	37726E	E-356-1	
47403					DD	37726C	E-356-1	
47404					DD	37726A	E-356-1	
47405					A	37726A	E-347, 349-2	
47406					A	37726A	E-349-2	
47407					A	JB3720	E-349-2	
47408					A	36582A	E-349-2	
47409					P	36582A	E-338	
47410					R	36582A	E-338	
47419			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373	
47420					D	39186A	E-369	
47421					AB	Exposed	E-378B-3	
47422			C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47423			CS712	LT-SP09B3, LI-SP09B1 CTRL RM PNL	FF		E-353	
47424			LI-SP09B1	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	FF		E-353	
47425			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
47426			P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369	
47427			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	
47500		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47501					V	37725A	E-349-3, 350	
47502					A	37725A	E-349-2	
47503					A	37725A	E-349-2	
47504					A	JB3720	E-349-2	
47505					A	36582B	E-349-2	
47506					P	36582B	E-338	
47507					R	36582B	E-338	
47508			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373	
47509					D	39186A	E-369	
47510					AB	Exposed	E-378B-3	
47511			C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47512			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
47513			LT-SP09B3	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373	
47514			P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369	
47515			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	
47600		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	AB	38601A	E-350	
47601					FF	1LP61A	E-353	
47602					DD	5761A1	E-356-1	
47603					DD	5762C2	E-356-1	
47604					DD	1LP62C	E-356-1	
47605					DD	38601B	E-356-1	
47606					DD	38601A	E-356-1	
47607					CC	38601A	E-347	
47608					U	38601A	E-349-3	
47609					V	38601A	E-350	
47610			1LSGLT11D	LT, LI-SP09B8 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47611					D	29132A	E-373	
47612					D	29132B	E-373	
47613			CS761A	LT, LI-SP09B8 CTRL ROOM PANEL	FF		E-353	
47614			LI-SP09B8	SG 1-1 START-UP LEVEL IND	FF		E-353	
47615			LT-SP09B8	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373	
47616			P1L1LI	LT, LI-SP09B8 PENETRATION BOX	D		E-369	
47617			P1L1LX	LT, LI-SP09B8 PENETRATION BOX	AB		E-350	
47700		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISP09B8A INDICATING CIRCUIT	AB	38601A	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
47701	NNI	LI-SP09B8A	1LSGLT11B	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	V	38601A	E-350, 349-3					
47702					U	38601A	E-350, 349-3					
47703					CC	38601A	E-347					
47704					DD	38601A	E-356					
47705					DD	38601B	E-356					
47706					DD	5762C2	E-356					
47707					FF	5762C2	E-356					
47708					DD	1LP62C	E-356					
47709					DD	5761A1	E-356					
47710					DD	1LP61A	E-356					
47711					FF	1LP61A	E-356					
47712						1LSGLT11D	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	D	29132B	E-373		
47713								D	29132A	E-373		
47714						1LSGLT11E	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	AB	Exposed	E-378B-3		
47715								FF	1LP61A	E-353		
47716								DD	57803A	E-353		
47717								FF	57803A	E-356		
47718								FF	UNSCHED	E-356		
47720								C5708	LTSP09B8, LISPO9B8A CNTRL RM PNL (CH. 1)	FF		E-353
47719						C5761A	LTSP09A8, LISPO9B8A CNTRL RM PNL (CH. 1)	FF		E-353		
47725						JT5721	LTSP09B8, LISPO9B8A TERMINAL BOX (CH. 1)	DD		E-356		
47723						LISPO9B8A	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353		
47724						LTSP09B8	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373		
47721						P1L1LI	LTSP09B8, LISPO9B8A PENE BOX (CH. 1)	D		E-369		
47722		P1L1LX	LTSP09B8, LISPO9B8A PENE BOX (CH. 1)	AB		E-350						
47800	LI-SP09B9		1LSGLT31A	LT, LI-SP09B9 INDICATING CIRCUIT	V	38232A	E-350					
47801					AB	38232A	E-350					
47802					FF	5738A3	E-353					
47803					DD	5738A3	E-356-1					
47804					V	5738A3	E-350					
47805					V	JB3731	E-350					
47806					V	38232A	E-350					
47807						1LSGLT31D	LT, LI-SP09B9 INDICATING CIRCUIT	AB	Exposed	E-378B-3		
47808								D	29133A	E-373		
47809							D	29133B	E-373			
47810						C5761A	LT, LI-SP09B9 CTRL ROOM PANEL	FF		E-353		
47811						LI-SP09B9	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353		
47812						LT-SP09B9	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373		
47813						P1L1LI	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	D		E-369		
47814		P1L1LX	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	AB		E-350						
48000	LRS-RC14		BLNNI111	LRS-RC14 INDICATING CIRCUIT	FF	BLP59B	E-356-10					
48001					DD	BLP59B	E-356-10					
48002					DD	BLPA	E-356-5					
48003					DD	BLP02D	E-356-5					
48004					FF	BLP02D	E-353					
48005						BLNNI153D	LRS-RC14 INDICATING CIRCUIT	A	EXPOSED(A)	E-378B-3		
48006								FF	BLP59B	E-356-10		
48007							DD	BLP59B	E-356-10			
48008							DD	BLPA	E-356-5			
48009							DD	BLKU	E-356-5			
48010							DF	BLKU	E-347			
48011						BLNNI153W	LRS-RC14 INDICATING CIRCUIT	D	39239A	E-369		
48012								D	49198A	E-362		
48013							D	BLBE	E-362			
48014						C5705	LRS-RC14 CONTROL ROOM PANEL	FF		E-353		
48015						C5759B	LRS-RC14 CONTROL ROOM PANEL	FF		E-353		
48016						LRS-RC14	PRZR LEVEL RECORDER	FF		E-353		
48017						LT-RC14-2	LRS-RC14 LEVEL TRANSMITTER	D		E-369		
48018								FF		E-353		
48019						LY-RC14	LRS-RC14 LEVEL CONVERTOR	FF		E-353		
48020						PBL4EI	LRS-RC14 PENETRATION BOX	D		E-362		
48021						PBL4EX	LRS-RC14 PENETRATION BOX	DF		E-346		
48100					PI-6365A		2LP6365AA	PT6365A, PI6365A, A1 INDICATING CIRCUIT	R	36337A	E-338	
48101									R	36337B	E-338	
48102	R	36016A	E-338									
48103	Q	36016A	E-338									
48104	X	36016A	E-346									
48105	DF	36016A	E-347									
48106		2LP6365AB	PT6365A, PI6365A, A1 INDICATING CIRCUIT	D					49166A	E-366		
48107				D					JB3915	E-366		
48108				D					49278A	E-366		
48109				A					Exposed	E-366		
48110		2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	R					36337A	E-338		
48111				R					36337B	E-338		
48112				R					36016A	E-338		
48113				Q					36016A	E-338		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
48114	NNI	PI-6365A	2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	X	36016A	E-346			
48115					DF	36016A	E-347			
48116					DF	47554B	E-347			
48117					DF	JB4712	E-347			
48118					DD	47554D	E-356			
48119					DD	2LP55G	E-356			
48120					FF	2LP55G	E-424			
48121					DD	5755G6	E-356			
48122					DD	2LP55G	E-356			
48123					FF	2LP55G	E-424			
48124					R		E-338			
48125			FF		E-353					
48126			FF		E-353					
48127			D		E-366					
48128			DF		E-347					
48130			FF		E-338					
48129			D		E-366					
48200			PI-6365A1	PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	R	36337A	E-338	
48201							R	36337B	E-338	
48202							R	36016A	E-338	
48203							Q	36016A	E-338	
48204	X	36016A					E-346			
48205	DF	36016A					E-347			
48206	D	49166A					E-366			
48207	D	JB3915					E-366			
48208	D	49278A					E-366			
48209	A	Exposed					E-366			
48210	R	36337A					E-338			
48211	R	36337B			E-338					
48212	R				E-338					
48213	R				E-338					
48214	D				E-366					
48215	DF				E-347					
48216	R				E-338					
48217	D				E-366					
48300	PI-6365B	PI-6365B			1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48301							R	36336B	E-338	
48302							R	C3630	E-338	
48303			R	36582A			E-338, 349			
48304			P	36582A			E-338, 349			
48305			A	36582A			E-338, 349			
48306			A	JB3720			E-349			
48307			A	37560A			E-349			
48308			V	37560A			E-350			
48309			V	JB3817			E-350			
48310			V	37560B			E-350			
48311			V	37560C	E-350					
48312			AB	37560C	E-350					
48313			D	39102A	E-366, 362					
48314			D	JB4906	E-366					
48315			D	49279A	E-366					
48316			AB	Exposed	E-366					
48317			R	36336A	E-338					
48318			R	36336B	E-338					
48319			R	C3630	E-338					
48320			R	36582A	E-338, 349					
48321			P	36582A	E-338, 349					
48322			A	36582A	E-338, 349					
48323			A	JB3720	E-349					
48324			A	37560A	E-349					
48325			V	37560A	E-350					
48326			V	JB3817	E-350					
48327			V	37560B	E-350					
48328			V	37560C	E-350					
48329			AB	37560C	E-350					
48330			AB	P1L1LX	E-350					
48331			AB	NIPPLE	E-350					
48332			AB	JB3814	E-350					
48333			AB	38080B	E-350					
48334			AB	JB3816	E-350					
48335			AB	308080E	E-350					
48336			V	308080E	E-348					
48337			V	JB4850	E-348					
48338			V	48408B	E-348					
48339			DD	48408B	E-348					
48340			FF	48408B	E-356					
48341	FF	1LP63A	E-353							

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48342	NNI	PI-6365B	1LP6365BE	PT6365B, PI6365B INDICATING CIRCUIT	DD	5763A6	E-356	
48343					DD	1LP63A	E-356	
48344					FF	1LP63A	E-353	
48345			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48346			CS763A	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-338	
48347			CS799	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-353	
48348			P1L1LI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48349			P1L1LX	PT6365B, PI6365B,B1 PENETRATION BOX	AB		E-350	
48350			PI6365B	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	FF		E-353	
48351			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48400		PI-6365B1	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48401					R	36336B	E-338	
48402					R	C3630	E-338	
48403					R	36582A	E-338, 349	
48404					P	36582A	E-338, 349	
48405					A	36582A	E-338, 349	
48406					A	JB3720	E-349	
48407					A	37560A	E-349	
48408					V	37560A	E-350	
48409					V	JB3817	E-350	
48410					V	37560B	E-350	
48411					V	37560C	E-350	
48412					AB	37560C	E-350	
48413			1LP6365BB	PT6365B, PI6365B,B1 INDICATING CIRCUIT	D	39102A	E-366, 362	
48414					D	JB4906	E-366	
48415					D	49279A	E-366	
48416					AB	Exposed	E-366	
48417			1LP6365BC	PT6365B, PI6365B1 INDICATING CIRCUIT	R	36336A	E-338	
48418					R	36336B	E-338	
48419			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48420			C3630	PT6365B, PI6365B1 AUX S/D PANEL	R		E-338	
48421			P1L1LI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48422			P1L1LX	PT6365B, PI6365B,B1 PENETRATION BOX	AB		E-350	
48423			PI6365B1	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	R		E-353	
48424			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48500		PI-RC2A3	4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	A	37507A	E-349-2	
48501					DF	37507A	E-347	
48502					A	37507A	E-347, 356-1	
48503					DD	37507A	E-356-1	
48504					FF	5756D2	E-356-1	
48505					FF	4LP56D	E-356-1	
48506			4LSFPT41B	PT, PI-RC2A3 INDICATING CIRCUIT	D	49359B	E-366	
48507					D	JB4910	E-366	
48508					D	49359D	E-366	
48509					A	Exposed	E-378B-3	
48510			BLSF1653A	PT, PI-RC2A3 INDICATING CIRCUIT	FF	BLP56D	E-356-10	
48511					DD	BLP56D	E-356-10	
48512					DD	BLPA	E-356-5	
48513					DD	BLP16B	E-356-8	
48514					FF	BLP16B	E-356-8	
48515			CS756D	PT, PI-RC2A3 CONTROL ROOM PANEL	FF		E-353	
48516			P4L1GI	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	D		E-366	
48517			P4L1GX	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	A		E-349-2	
48518			PI-RC2A3	RCS LOOP 2 PRESSURE INDICATOR (CH. 4)	FF		E-353	
48519			PT-RC2A3	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 4)	D		E-366	
48600		PI-RC2A4	2LSF1652A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	FF	57100C	E-353	
48601					FF	2LP55C	E-353	
48602					DD	57100C	E-356-1	
48603					DD	57100A	E-356-1	
48604					FF	57100A	E-353	
48605			2LSFPT21A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	DF	47551A	E-347	
48606					DD	47551A	E-356-1	
48607					DD	47551B	E-356-1	
48608					FF	5755C2	E-356-1	
48609					FF	2LP55C	E-356-1	
48610			2LSFPT21B	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	D	49168A	E-366	
48611					D	JB3915	E-366	
48612					D	49166A	E-366	
48613					A	Exposed	E-378B-3	
48614			CS755C	PT-RC2A4, PI-RC2A4 CTRL RM PANEL	FF		E-353	
48615			P2L4GI	PT-RC2A4, PI-RC2A4 PENET BOX	D		E-366	
48616			P2L4GX	PT-RC2A4, PI-RC2A4 PENET BOX	DF		E-347	
48617			PI-RC2A4	RCS LOOP 2 PRESSURE INDICATOR (CH. 2)	FF		E-353	
48618			PT-RC2A4	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 2)	D		E-366	
48700		PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DG	48108A	E-348	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
48701	NNI	PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	V	48108A	E-348, 347					
48702					DD	48108A	E-356-1					
48703					FF	5763D2	E-356-1					
48704				3LSFPT31B	PT, PI-RC2B3 INDICATING CIRCUIT	D	49077B	E-366				
48705			D			49077A	E-366					
48706			D			JB4905	E-366					
48707						D	49087A	E-366				
48708						AB	Exposed	E-378B-3				
48709				ALSFI1603A	PT, PI-RC2B3 INDICATING CIRCUIT	FF	ALP63D	E-423				
48710			DD			ALP63D	E-423					
48711			DD			ALPB	E-356-3					
48712			DD			ALP16B	E-356-8					
48713			FF			ALP16B	E-356-8					
48714			FF			C5762C	PT, PI-RC2B3 CONTROL ROOM PANEL			E-353		
48715				C5763D	PT, PI-RC2B3 CTRL ROOM PANEL	FF		E-353				
48716				P3L4SI	PT, PI-RC2B3 PENETRATION BOX	D		E-366				
48717				P3L4SX	PT, PI-RC2B3 PENETRATION BOX	DG		E-348				
48718				PI-RC2B3	RCS LOOP 1 PRESSURE INDICATOR (CH. 3)	FF		E-353				
48719		PT-RC2B3	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 3)	D		E-366						
48800	PI-RC2B4	1LSFI1602A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	FF	57101A	E-353						
48801				FF	1LP62C	E-353						
48802				DD	57101A	E-356-1						
48803				DD	1LP62C	E-356-1						
48804					1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	AB	38601A	E-350			
48805				V			38601A	E-349-3, 350				
48806				U			38601A	E-349-3				
48807				CC			38601A	E-347				
48808				DD			38601A	E-356-1				
48809				DD			38601B	E-356-1				
48810							FF	5762C2	E-356-1			
48811							FF	1LP62C	E-356-1			
48812					1LSFPT11B	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	D	49171C	E-366			
48813				D			49171B	E-366				
48814				D			JB4906	E-366				
48815				D			39102A	E-366, 362				
48816				AB			Exposed	E-378B-3				
48817				FF			C5762C	PT-RC2B4, PI-RC2B4 CTRL RM PANEL			E-353	
48818	D	P1L1LI	PT-RC2B4, PI-RC2B4 PENET BOX			E-369						
48819	AB	P1L1LX	PT-RC2B4, PI-RC2B4 PENET BOX			E-350						
48820	FF	PI-RC2B4	RCS LOOP 1 PRESSURE INDICATOR (CH. 1)			E-353						
48821	D	PT-RC2B4	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 1)			E-366						
48909	PI-SP12A	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347						
48910				DF	36591A	E-347						
48911				A	36591A	E-349-2						
48912				P	36591A	E-338						
48913				R	36591A	E-338						
48900					2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	FF	36591F	E-353			
48901				DD			36591F	E-356-1				
48902				DD			36591E	E-356-1				
48903				DD			36591C	E-356-1				
48904				DF			36591C	E-347				
48905				DF			36591A	E-347				
48906				A	36591A	E-349-2						
48907				P	36591A	E-338						
48908				R	36591A	E-338						
48914					2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369			
48915				D			JB3915	E-366				
48916				D			49166A	E-366, 362				
48917				A			Exposed	E-378B-3				
48918	R	C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL					E-338				
48919	FF	C5710	PT-SP12A2, PI-SP12A CONTROL ROOM PANEL					E-353				
48920	D	P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX			E-366						
48921	DF	P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX			E-347						
48922	FF	PI-SP12A	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)			E-353						
48923	R	PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)			E-338						
48924	D	PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)			E-369						
49000	PI-SP12A1	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347						
49001				DF	36591A	E-347						
49002				A	36591A	E-349-2						
49003				P	36591A	E-338						
49004				R	36591A	E-338						
49005					2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369			
49006				D			JB3915	E-366				
49007				D			49166A	E-366, 362				
49008				A			Exposed	E-378B-3				
49009				R			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL			E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
49010	NNI	PI-SP12A1	P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366				
49011			P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347				
49012			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338				
49013			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		E-369				
49103	PI-SP12A1-A	ALNNI852G	PTSP12A1, PISPI2A1A INDICATING CIRCUIT	A	ALGU	E-338, 349					
49104				U	ALGU	E-349					
49105				DD	ALDC	E-356, 349					
49106				U	ALDC	E-349, 356					
49106A				CC	ALDC	E-347					
49107				DD	ALPB	E-356					
49108				DD	ALP60D	E-356, 353					
49109				FF	ALP60D	E-353, 356					
49100				ALNNI852T	PTSP12A1, PISPI2A1A INDICATING CIRCUIT	D	49050A	E-369			
49101						D	ALBD	E-373			
49102				A	Exposed	E-378B-3					
49110				ALSP12A1A	PTSP12A1, PISPI2A1A INDICATING CIRCUIT	FF	ALP60D	E-356			
49111						DD	ALP60D	E-356			
49112						DD	ALPB	E-356-10			
49113						DD	57804A	E-356-10			
49117						C5712	PTSP12A1, PISPI2A1A CNTRL RM PNL (CH. A)	FF		E-353	
49116						C5760D	PTSP12A1, PISPI2A1A CNTRL RM PNL (CH. A)	FF		E-353	
49118						JT5721	PTSP12A1, PISPI2A1A TERMINAL BOX (CH. A)	DD		E-356	
49114						PAL3DI	PTSP12A1, PISPI2A1A PENE BOX (CH. A)	D		E-369	
49115						PAL3DX	PTSP12A1, PISPI2A1A PENE BOX (CH. A)	A		E-349-2	
49119	PISPI2A1A	SG1-2 OUTLET PRESSURE INDICATOR (CH. A)	FF				E-353				
49120	PT-SP12A1	SG1-2 OUTLET PRESSURE TRANSMITTER(CH.A)	D				E-369				
49212	PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT			AB	37725A	E-350			
49213				V	37725A	E-349-3, 350					
49214				A	37725A	E-349-2					
49215				A	37725A	E-349-2					
49216				A	JB3720	E-349-2					
49217				A	36582B	E-349-2					
49218				P	36582B	E-338					
49219				R	36582B	E-338					
49200				1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	FF	5711A1	E-356-8			
49201						DD	5711A1	E-356-8			
49202				DD	JB5712	E-356-1, 356-8					
49203				DD	37726E	E-356-1					
49204		DD	37726C	E-356-1							
49205		DD	37726A	E-356-1							
49206		A	37726A	E-347, 356-1							
49207		A	37726A	E-349-2							
49208		A	JB3720	E-349-2							
49209		A	36582A	E-349-2							
49210		P	36582A	E-338							
49211		R	36582A	E-338							
49220		1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369					
49221				D	49170C	E-366					
49222				D	JB4906	E-366					
49223				D	39102A	E-366					
49224				AB	Exposed	E-378B-3					
49225				C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338			
49226				C5708	PT-SP12B1, PI-SP12B CONTROL ROOM PANEL	FF		E-353			
49227				P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369			
49228	P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350						
49229	PI-SP12B	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	FF		E-353						
49230	PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	R		E-338						
49231	PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369						
49300	PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	37725A	E-350					
49301				V	37725A	E-349-3, 350					
49302				A	37725A	E-349-2					
49303				A	37725A	E-349-2					
49304				A	JB3720	E-349-2					
49305				A	36582B	E-349-2					
49306				P	36582B	E-338					
49307				R	36582B	E-338					
49308				1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369			
49309						D	49170C	E-366			
49310				D	JB4906	E-366					
49311				D	39102A	E-366					
49312		AB	Exposed	E-378B-3							
49313		C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338					
49314		P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369					
49315		P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350					
49316		PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	R		E-338					
49317		PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49404	NNI	PI-SP12B2	BLNNIL09B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	AB	BLJC	E-350	
49405					AB	BLFC	E-350,348	
49406					V	BLFC	E-348,347,356-5	
49407					DD	BLFC	E-356-5,347	
49408					DD	BLPA	E-356-5	
49409					DD	BLP59B	E-356-10	
49410					FF	BLP59B	E-356-10	
49400			BLNNIL09T	PTSP12B2, PISP12B2 INDICATING CIRCUIT	D	39176C	E-369	
49401					D	39176A	E-369	
49402					D	BLBQ	E-373, 369	
49403					AB	Exposed	E-378B-3	
49411			BLSP12B2A	PTSP12B2, PISP12B2 INDICATING CIRCUIT	FF	UNSCHE	E-356-10	
49412					DD	BLP59C	E-356-10	
49413					FF	BLP59C	E-356-10	
49414					DD	BLPA	E-356-5	
49415					DD	57026A	E-356-5	
49420			C5712	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49416			C5759B	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49419			C5759C	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49421			JT5722	PTSP12B2, PISP12B2 TERMINAL BOX (CH. B)	DD		E-356	
49417			PBL3QI	PTSP12B2, PISP12B2 PENE BOX (CH. B)	D		E-369	
49418			PBL3QX	PTSP12B2, PISP12B2 PENE BOX (CH. B)	AB		E-350	
49422			PISP12B2	SG1-1 OUTLET PRESSURE INDICATOR (CH. B)	FF		E-353	
49423			PT-P12B2	SG1-1 OUTLET PRESSURE TRANSMITTER (CH.B)	D		E-369	
49850		TE-RC3A6	2LTRC3A6A	TE-RC3A6 INDICATING CIRCUIT	D	49128A	E-347	
49851					D	JB4922	E-366	
49852					D	49128B	E-366	
49853					A	EXPOSED		
49854			P2L4GI	TE-RC3A6 PENETRATION BOX	D		E-366	
49855			P2L4GX	TE-RC3A6 PENETRATION BOX	DF		E-347	
49856			TE-RC346	RCS LOOP 2 HOT LEG TEMPERATURE ELEMENT	D		E-366	
50050		TE-RC3B5	1LTRC3B5A	TE-RC3B5 INDICATING CIRCUIT	D	39294A	E-366	
50051					D	JB4918	E-366	A
50052					D	39294B	E-369	
50053					AB	EXPOSED	E-378B-3	
50054			P1L1LI	TE-RC3B5 PENETRATION BOX	D		E-362	
50055			P1L1LX	TE-RC3B5 PENETRATION BOX	AB		E-350	
50056			TE-RC3B5	RCS LOOP 1 HOT LEG TEMPERATURE ELEMENT	D		E-366	
50250		TE-RC4A2	BLNNI154Y	TE-RC4A2 INDICATING CIRCUIT	D	29083F	E-373	
50251					D	29083D	E-373	
50252					D	29083B	E-373	
50253					D	29083A	E-369, 373	
50254					D	39227A	E-362	
50255					D	BLBE	E-362	
50256					A	EXPOSED	E-378B-3	
50257			PBL1EI	TE-RC4A2 INDICATING CIRCUIT	D		E-362	
50258			PBL1EX	TE-RC4A2 PENETRATION BOX	A		E-349-2	
50259			TE-RC4A2	RCS LOOP 2 COLD LEG TEMPERATURE ELEMENT	D		E-373	
49514		TE-RC4B3	ALNNI833Y	TE-RC4B3 INDICATING CIRCUIT	D	39159C	E-369	
49515					D	39159A	E-363, 369	
49519			PAL2NI	TE-RC4B3 PENETRATION BOX	D		E-363	
49520			PAL2NX	TE-RC4B3 PENETRATION BOX	AB		E-350	
49521			TE-RC4B3	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-366	
49600		TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	5755E2	E-353	
49601					DD	5755E2	E-356-1	
49602					DD	47551B	E-356-1	
49603					DD	47551A	E-356-1	
49604					DF	47551A	E-347	
49605			2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	36591J	E-353	
49606					DD	36591J	E-356-1	
49607					DD	36591H	E-356-1	
49608					DD	36591C	E-356-1	
49609					DF	36591C	E-347	
49610					DF	36591A	E-347	
49611					A	36591A	E-349-2	
49612					P	36591A	E-338	
49613					R	36591A	E-338	
49614			2LRPSA07Z	TE, TT, TI-RC3A4 INDICATING CIRCUIT	D	49121A	E-362	
49614A					D	JB4974	E-368	A
49614B			2LRPSA07ZA	TE, TT, TI-RC3A4 INDICATING CIRCUIT	D	JB4974	E-368	A
49614C					D	49121B	E-368	A
49615					A	Exposed	E-378B-3	E
49616			C3630	TE, TT, TI-RC3A4 AUX S/D PNL	R		E-338	
49617			C5755E	TE, TT, TI-RC3A4 CTRL RM PNL	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49618	NNI	TI-RC3A4	C5755F	TE, TT, TI-RC3A4 CONTROL RM PNL	FF		E-353	
49619			P2L4GI	TE, TT, TI-RC3A4 PENETRATION BOX (CH. 2)	D		E-362	
49620			P2L4GX	TE, TT, TI-RC3A4 PENETRATION BOX (CH. 2)	DF		E-347	
49621			TE-RC3A4	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-369	
49622			TI-RC3A4	RCS LOOP 2 HOT LEG TEMP INDICATOR	R		E-338	
49623			TT-RC3A4	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49700			TI-RC3A5	1LTRC3A5A	TE, TT, TI-RC3A5 INDICATING CIRCUIT	D	39295A	E-369, 366
49701	AB	Exposed			E-378B-3			
49702	FF	1LP63A			E-353			
49703	DD	48408B			E-356-1			
49704	DD	1LP63A			E-356-1			
49705	V	48408B			E-348			
49706	V	38080E			E-348			
49707	V	JB4850			E-348			
49708	AB	38080E			E-350			
49709	AB	JB3816			E-350			
49710	AB	38080B			E-350			
49711	AB	JB3814			E-350			
49712	DD	5763A6			E-356-1			
49713	DD	1LP63A			E-356-1			
49714	FF	1LP63A			E-353			
49715	FF	C5763A			E-353			
49716	FF	C5799			E-353			
49717	D	P1L1L1			E-369			
49718	AB	P1L1LX			E-350			
49719	D	TE-RC3A5			E-366			
49720	FF	TI-RC3A5	E-353					
49721	FF	TT-RC3A5	E-353					
49800	TI-RC3A6	2LTRC3A6A	TE, TT, TI-RC3A6 INDICATING CIRCUIT	D	49128A	E-347		
49801			D	JB4922	E-366			
49802			D	49128B	E-366			
49803			A	Exposed	E-378B-3			
49804			DF	47032A	E-347			
49805			FF	2LP55G	E-424			
49806			DD	47554E	E-356-1, 424			
49807			DD	2LP55G	E-356-1, 424			
49808			DF	JB4712	E-347			
49809			DF	47554B	E-347			
49810			DD	5755G6	E-356-1, 424			
49811			DD	2LP55G	E-356-1, 424			
49812			FF	2LP55G	E-424			
49813			DF	47032A	E-347			
49821			DF	C3712	E-347			
49814			FF	C5755G	E-353			
49815			FF	C5798	E-353			
49816			D	P2L4GI	E-366			
49817			DF	P2L4GX	E-347			
49818			D	TE-RC3A6	E-366			
49819	FF	TI-RC3A6	E-353					
49820	FF	TT-RC3A6	E-353					
49900	TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	FF	5762E2	E-353		
49901			DD	38601A	E-356-1			
49902			CC	38601A	E-347			
49903			U	38601A	E-349-3			
49904			V	38601A	E-349-3			
49905			AB	38601A	E-350			
49906			FF	37726F	E-353			
49907			DD	37726F	E-356-1			
49908			DD	37726B	E-356-1			
49909			DD	37726A	E-356-1			
49910			A	37726A	E-347, 349-2			
49911			A	37726A	E-349-2			
49912			A	JB3720	E-349-2			
49913			A	36582A	E-349-2			
49914			P	36582A	E-338			
49915			R	36582A	E-338			
49916			D	49120A	E-363			
49917			AB	Exposed	E-363, 366			
49918			R	C3630	E-338			
49919			FF	C5762E	E-353			
49920	D	P1L1L1	E-363					
49921	AB	P1L1LX	E-350					
49922	D	TE-RC3B2	E-338					
49923	R	TI-RC3B2	E-353					
49924	FF	TT-RC3B2	E-366					
50000	TI-RC3B5	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	39294A	E-366		

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP				
50001	NNI	TI-RC3B5	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	JB4918	E-366					
50002					D	39294B	E-369					
50003					AB	Exposed	E-378B-3					
50004					AB	38143A	E-350					
50005					FF	1LP63A	E-424					
50006					DD	48408B	E-356-1, 424					
50007					DD	1LP63A	E-356-1, 424					
50008					V	48408B	E-348					
50009					V	JB4850	E-348					
50010					AB	38080E	E-350					
50011					AB	JB3816	E-350					
50012					AB	38080B	E-350					
50013					AB	JB3814	E-350					
50014					1LTRC3B5C	TE, TT, TI-RC3B5 INDICATING CIRCUIT	DD	5763A6	E-424			
50015							DD	1LP63A	E-424			
50016							FF	1LP63A	E-424			
50017							AB	38143A	E-350			
50025							AB	38143A	E-350			
50018							C3812	TE-RC3B5 CONTROL PANEL	FF		E-353	
50019							C5799	TE, TT, TI-RC3B5 CONTROL RM PNL	FF		E-353	
50020							P1L1LI	TE, TT, TI-RC3B5 PENETRATION BOX	D		E-362	
50021							P1L1LX	TE, TT, TI-RC3B5 PENETRATION BOX	AB		E-350	
50022							TE-RC3B5	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366	
50023							TI-RC3B5	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353	
50024	TT-RC3B5	HOT LOOP 1 HOT LEG TEMP TRANSMITTER	FF				E-353					
50100B	TI-RC3B6	2LTRC3B6A	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D			JB4977	E-366				
50100C				D			49127A	E-366, 369				
50101				A			Exposed	E-378B-3				
50100				2LTRC3B6AA			TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	49127B	E-366		
50100A				D			JB4977	E-366				
50102				2LTRC3B6B			TE, TT, TI-RC3B6 INDICATING CIRCUIT	FF	2LP55G	E-424		
50103				DD			47554E	E-356-1, 424				
50104				DD			2LP55G	E-356-1, 424				
50105				DF			JB4712	E-347				
50106				DF			47554B	E-347				
50107				2LTRC3B6C			TE, TT, TI-RC3B6 INDICATING CIRCUIT	DD	5755G6	E-356-1, 424		
50108				DD			2LP55G	E-356-1, 424				
50109				FF	2LP55G	E-424						
50110				C5755G	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353				
50111				C5798	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353				
50112				P2L4GI	TE, TT, TI-RC3B6 PENETRATION BOX	D		E-366				
50113				P2L4GX	TE, TT, TI-RC3B6 PENETRATION BOX	DF		E-347				
50114				TE-RC3B6	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366				
50115				TI-RC3B6	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353				
50116				TT-RC3B6	RCS LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-353				
50200				TI-RC4A2	BLNNI154B	TE, TT, TI-RC4A2 INDICATING CIRCUIT	FF	BLP59B	E-356-10			
50201							DD	BLPA	E-356-5			
50202							DD	BLJK	E-356-5			
50203							A	BLJK	E-356-5			
50204	A	BLDC	E-349-2									
50205	A	36306A	E-349-2									
50206	A	BLGF	E-349-2									
50207	BLNNI154F	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A				36306A	E-349-2				
50208	BLNNI154Y	TE, TT, TI-RC4A2 INDICATING CIRCUIT	D				29083F	E-373				
50209	D	29083D	E-373									
50210	D	29083B	E-373									
50211	D	29083A	E-369, 373									
50212	D	39227A	E-362									
50213	D	BLBE	E-362									
50214	A	Exposed	E-378B-3									
50215	A		E-349-2									
50216	C3712	TE-RC4A2 CONTROL PANEL	FF					E-353				
50217	C5759B	TE, TT, TI-RC4A2 CONTROL RM PNL	FF					E-353				
50218	PBL1EI	TE, TT, TI-RC4A2 PENETRATION BOX	D					E-362				
50219	PBL1EX	TE, TT, TI-RC4A2 PENETRATION BOX	A					E-349-2				
50220	TE-RC4A2	RCS LOOP 2 COLD LEG TEMP ELEMENT	D					E-373				
50221	TI-RC4A2	RCS LOOP 2 COLD LEG TEMP INDICATOR	FF					E-353				
50222	TT-RC4A2	RCS LOOP 2 COLD LEG TEMP TRANSMITTER	FF					E-353				
50300	TI-RC4A4	ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT				FF	ALP60D	E-356-10			
50301				DD	ALPB	E-356-3						
50302				DD	ALDC	E-356-3						
50303				CC	ALDC	E-347						
50304				U	ALDC	E-349-3						
50305				U	ALGU	E-349-3						
50306				A	ALGU	E-349-2						
50307				D	29026G	E-373						
50308				D	29026E	E-373						

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
50309	NNI	TI-RC4A4	ALNNI833Z	TE, TT, TI-RC4A4 INDICATING CIRCUIT	D	29026C	E-373					
50310					D	29026B*	E-364					
50311					D	29026A	E-362					
50312					A	Exposed	E-378B-3					
50313					FF		E-353					
50314					D		E-362					
50315					A		E-349-2					
50316					D		E-373					
50317					FF		E-353					
50318					FF		E-353					
50400					TI-RC4B2		BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	FF	BLP59B	E-356-1, 5	
50401									DD	BLPA	E-356-1, 5	
50402									DD	BLFC	E-356-1, 5	
50403									V	BLFC	E-348	
50404	DG	BLFC	E-348									
50405	AB	BLFC	E-350									
50406	AB	BLJC	E-350									
50407	D	29111L	E-373									
50408	D	29111J	E-373									
50409	D	29111G	E-373									
50410	D	29111E	E-373									
50411	D	29111A	E-369, 373									
50412	D	BLBQ	E-369, 373									
50413	AB	Exposed	E-378B-3									
50414	FF		E-353									
50415	D		E-369									
50416	AB		E-350									
50417	D		E-373									
50418	FF		E-353									
50419	FF		E-353									
50500	TI-RC4B4		ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT					FF	ALP60D	E-356-1, 3	
50501					DD	ALPB	E-356-1, 3					
50502					DD	ALLA	E-356-1					
50503					V	ALLA	E-348					
50504					DG	ALLA	E-348					
50505					DG	ALFD	E-348					
50506					AB	ALFD	E-350					
50507					AB	ALJA	E-350					
50508					D	39159F	E-369, 373					
50509					D	39159D	E-369					
50510					D	39159C	E-369					
50511					D	39159A	E-369					
50512					D	ALBN	E-369					
50513					AB	Exposed	E-378B-3					
50514					FF		E-353					
50515					D		E-369					
50516					AB		E-350					
50517					D		E-369					
50518					FF		E-353					
50519					FF		E-353					
50600					RCS	RC11	1CBEL602C	MVRC11 CONTROL CIRCUIT	AB	38076B	E-351-5	
50601	AB	38097A	E-350-1									
50602	AB	1CJP	E-350-1									
50603	AB	JB3833	E-350-1									
50604	AB	38097B	E-350-1									
50605	DG	38097B	E-348									
50606	DG	JB4818	E-348									
50607	DG	38097E	E-348									
50608	D	39289A	E-363, 366, 369									
50609	AB	Exposed	E-378B-3									
50610	DG	48426A	E-348									
50631	FF	1CP02A	E-356-8									
50632	DD	1CP02A	E-356-8									
50633	DD	1CPL	E-356-6									
50634	DD	1CLA	E-356-6									
50635	V	1CLA	E-347									
50636	V	48136A	E-347									
50637	DG	48136A	E-348									
50638	DG	JB4818	E-348									
50639	DG	38097D	E-348									
50640	AB	38603A	E-350									
50641	DG	38603A	E-348									
50642	D	39288A	E-363, 366, 369									
50643	AB	Exposed	E-378B-3									
50644	DG		E-348									
50645	FF		E-353									

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50646	RCS	RC11	CDE-16B	MVRC11 DISCONNECT SWITCH (CH. 1)	DG		E-348	
50647			MVRC11	PZR POWER RELIEF SHUTOFF VALVE (CH. 1)	D		E-367	
50648			P1C2LI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50649			P1C2LX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
50650			P1P2MI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50651			P1P2MX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
50561A		RC13A	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561B		RC13B	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561C		RC147	N/A	RCS PRESSURIZER VENT HEADER ISO VLV	D	N/A		
50700		RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	FF	2CP98A	E-353	12 D
50700A					FF	2CP98A	E-353	12 A
50700B					DD	2CP98A	E-356-1	12 A
50700C					DD	2CPN	E-356-7	12 A
50700D					DD	2CKM	E-356-7	12 A
50700E					DD	46527A	E-356-7	12 A
50700F					EE	46527A	E-414, 417	12 A
50700G					X	46527A	E-346, 414	12 A
50700H					X	2CKM	E-346	12 A
50700I					X	46526B	E-346	12 A
50707			2CBF1285K	MV0200 CONTROL CIRCUIT	DF	2CLA	E-347	
50708					DF	47078B	E-347	
50709					DF	2CKM	E-347	
50710					X	2CKM	E-346	
50711					X	46739D	E-346	
50712			2CBF1285L	MV0200 CONTROL CIRCUIT	X	46739D	E-346	
50713					X	2CKM	E-346	
50714					X	46526C	E-346	
50715			2CBF1285N	MV0200 CONTROL CIRCUIT	D	39229B	E-366, 369	
50716					A	EXPOSED(A)	E-378B-3	
50717			2PBF1285J	MV0200 POWER CIRCUIT	DF	46085B	E-346	
50718					X	46085B	E-346	
50719			2PBF1285M	MV0200 POWER CIRCUIT	D	39229A	E-366, 369	
50720					A	EXPOSED	E-378B-3	
50721			BF1285	MV0200 CIRCUIT BREAKER (CH. 2)	X		E-346	
50722			CS798	MV0200 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50723			CDF-12A-2	MV0200 DISCONNECT SWITCH (CH. 2)	X		E-346	
50724			MV0200	PZR SMPL LINE CIMT VNT HDR VLV (CH. 2)	D		E-369	
50725			P2CSGI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50726			P2CSGX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50727			P2P5FI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50728			P2P5FX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50800		RC239A	2CBF1126C	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50801					DF	2CLA	E-347	
50802			2CBF1126D	MV0239A CONTROL CIRCUIT	D	49083A	E-369	
50803					D	49083B	E-369, 369	
50804					A	EXPOSED(A)	E-378B-3	
50805			2CBF1126E	MV0239A CONTROL CIRCUIT	DF	47701A	E-347	
50806					DF	47306A	E-347	
50807					DF	2CLA	E-347	
50808			2CBF1126F	MV0239A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
50809					DD	2CP02C	E-356-8	
50810					DD	2CPN	E-356-7	
50811					DD	2CFP	E-356-7	
50812					DD	2CLA	E-356-7	
50813					DF	47702A	E-347	
50814					DF	2CLA	E-347	
50815			2CBF1126G	MV0239A CONTROL CIRCUIT	FF	2CP98A	E-356	
50816					DD	2CP98A	E-356	
50817					DD	2CPN	E-356	
50818					DD	2CP02C	E-356	
50819					FF	2CP02C	E-356	
50820			2CBF1126H	MV0239A CONTROL CIRCUIT	A	18402A	E-412-1	
50821					A	18402A	E-332	
50822					G	18402A	E-335	
50823					G	2CEV	E-335	
50824					U	2CEV	E-349-3	
50825					CC	2CEV	E-347	
50826					DD	2CEV	E-356-7	
50827					DD	2CPN	E-356-7	
50828					DD	2CKM	E-356-7	
50829					DF	2CKM	E-347	
50830					DF	47307A	E-347	
50831			2CBF1126J	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50832					DF	2CLA	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50833	RCS	RC239A	2CBF1126J	MV0239A CONTROL CIRCUIT	DF	47701A	E-347	
50834			2CBF1126K	MV0239A CONTROL CIRCUIT	DF	2CLA	E-347	
50835					DF	47306A	E-347	
50836					DF	47701A	E-347	
50837			2PBF1126A	MV0239A POWER CIRCUIT	DF	47303A	E-347	
50838			2PBF1126B	MV0239A POWER CIRCUIT	D	49081A	E-369	
50839					A	EXPOSED	E-378B-3	
50840			BF1126	MV0239A CIRCUIT BREAKER (CH. 2)	DF		E-347	
50841			C1708	MV0239A CONTROL CABINET (CH. 2)	A		E-412-1	
50842			C5705	MV0239A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50843			CDP-11A-1	MV0239A DISCONNECT SWITCH (CH. 2)	DF		E-347	
50844			MV0239A	PRESSURIZER VAPOR SAMPLE VALVE (CH. 2)	D		E-369	
50845			P2C5GI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50846			P2C5GX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50847			P2P5FI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50848			P2P5FX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50900		RC239B	2CBF1127C	MV0239B CONTROL CIRCUIT	DF	47306A	E-347	
50901					DF	2CLA	E-347	
50902			2CBF1127D	MV0239B CONTROL CIRCUIT	D	49084A	E-369	
50903					D	49083B	E-362, 369	
50904					A	EXPOSED(A)	E-378B-3	
50905			2CBF1127E	MV0239B CONTROL CIRCUIT	DF	47700A	E-347	
50906					DF	47306A	E-347	
50907					DF	2CLA	E-347	
50908			2CBF1127F	MV0239B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
50909					DD	2CP02C	E-356-8	
50910					DD	2CPN	E-356-7	
50911					DD	2CPP	E-356-7	
50912					DD	2CLA	E-356-7	
50913					DF	2CLA	E-347	
50914					DF	47701A	E-347	
50915			2CBF1127G	MV0239B CONTROL CIRCUIT	A	18402A	E-332	
50916					A	18402A	E-412-1	
50917					G	18402A	E-335	
50918					G	2CEV	E-335	
50919					U	2CEV	E-349-3	
50920					CC	2CEV	E-347	
50921					DD	2CEV	E-356-7	
50922					DD	2CPN	E-356-7	
50923					DD	2CKM	E-356-7	
50924					DF	2CKM	E-347	
50925					DF	47307A	E-347	
50926			2PBF1127A	MV0239B POWER CIRCUIT	DF	47304A	E-347	
50927			2PBF1127B	MV0239B POWER CIRCUIT	D	49114A	E-362, 369	
50928					A	Exposed	E-378B-3	
50929			BF1127	MV0239B CIRCUIT BREAKER (CH. 2)	DF		E-347	
50930			C1708	MV0239B CONTROL CABINET (CH. 2)	A		E-412-1	
50931			C5705	MV0239B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50932			CDP-11A-1	MV0239B DISCONNECT SWITCH (CH. 2)	DF		E-347	
50933			MV0239B	PRESSURIZER LIQUID SAMPLE VALVE (CH. 2)	D		E-369	
50934			P2C5GI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50935			P2C5GX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50936			P2P5FI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50937			P2P5FX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
51056C		RC2A	2CVRC2J	SVRC2A (PORV) POWER CIRCUIT	DF	46286A		2 A
51056D					X	46286A	E-346	2 A
51056E			2CVRC2K	SVRC2A (PORV) INDICATING CIRCUIT	D	49703C	E-0367	
51056F					D	49703A	E-367	2 A
51056G					A	EXPOSED(A)	E-378B-1	
51056H			2CVRC2L	SVRC2A (PORV) INDICATING CIRCUIT	DF	2CLA	E-347	2 A
51056I					DD	2CLA	E-356-7	2 A
51056J					DD	2CPR	E-356-7	2 A
51056K					DD	2CKM	E-356-7	2 A
51056L					DD	2CPN	E-356-7	2 A
51056M					DD	5705C1	E-356-7	2 A
51057A			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	FF	5705C1	UNSCHEDULED	2 A
51057B					FF	5705C1	E-356-8	2 A
51057C					DD	5705C1	E-356-8	2 A
51057D					DD	2CPN	E-356-7	2 A
51057E					DD	2CKM	E-356-7	2 A
51057F					DF	2CKM	E-347	2 A
51057G					X	2CKM	E-346	2 A
51057H					X	46725B	E-346	2 A
51057I			2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	D	49700C	E-0367	
51057J					D	49700A	E-367	
51057K					D	P2P5FI	E-362	
51057L					D	49700B	E-362	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51058C	RCS	RC2A	2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	A	EXPOSED (A)	E-378B-1	
51059A			2CVRC2Q	SVRC2A (PORV) POWER CIRCUIT	DF	P2P5FX	E-347	
51059B					DF	46286B	E-347	
51045			BCVRC2H	SVRC2 CONTROL CIRCUIT	FF	BCP59B	E-356-10	
51046					DD	BCP59B	E-356-10	
51047					DD	BCPC	E-356-4	
51048					DD	BCP02D	E-356-8	
51049					FF	BCP02D	E-356-8	
51057H			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	X	46964A	E-346	2 A
51057I					X	BCKQ	E-346	2 A
51057J					DF	BCKQ	E-346, 347	2 A
51057K					DD	BCKQ	E-356-4	2 A
51057L					DD	BCPC	E-356-4	2 A
51057M					DD	BCP59B	E-356-10	2 A
51057N					FF	BCP59B	E-356-10	2 A
51050			C5705	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353	
51051			C5759B	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353	
51057Q			P2C5GI	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	D			2 A
51057R			P2C5GX	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	DF			2 A
51057P			RC4606	SVRC2 (PORV) RELAY CABINET (CH 2)	X		E-346-1	2 A
51055			SVRC2	PRESSURIZER PORV (CH. B)	D		E-367	
51100		RC4608A	1CV4608AA	SV4608A CONTROL CIRCUIT	D	49062A	E-366, 369	
51101					A	Exposed	E-378B-3	
51102			1CV4608AC	SV4608A CONTROL CIRCUIT	A	36312D	E-349-2	
51103					P	JB3623	E-338	
51104					A	36312B	E-349-2	
51105					A	JB3714	E-349-2	
51106					A	36312C	E-349-2	
51107					U	36312C	E-349-3	
51108					U	1CJM	E-349-3	
51109					CC	1CJM	E-347	
51110					DD	1CJM	E-356-6	
51111					DD	1CPL	E-356-6	
51112					DD	1CPR	E-356-6	
51113					DD	1CPM	E-356-6	
51114					DD	1CP99A	E-356-1	
51115					FF	1CP99A	E-353	
51116			1CV4608AD	SV4608A CONTROL CIRCUIT	V	38098A	E-350	
51117					V	1CJM	E-350	
51118					U	1CJM	E-349-3	
51119					CC	1CJM	E-347	
51120					DD	1CJM	E-356-6	
51121					DD	1CPL	E-356-6	
51122					DD	1CPR	E-356-6	
51123					DD	1CPM	E-356-6	
51124					DD	1CP99A	E-356-1	
51125					FF	1CP99A	E-356-1	
51126			C5799	SV4608A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
51127			P1P3BI	SV4608A PENETRATION TERMINAL BOX (CH. 1)	D		E-362	
51128			P1P3BX	SV4608A PENETRATION BOX (CH. 1)	A		E-349-2	
51129			RC3706	SV4608A RELAY CABINET (CH. 1)	V		E-350	
51130			SV4608A	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51200		RC4608B	1CV4608BA	SV4608B CONTROL CIRCUIT	D	49133A	E-366, 369	
51201					AB	Exposed	E-378B-3	
51202			1CV4608BC	SV4608B CONTROL CIRCUIT	DG	38097F	E-348	
51203					DG	JB4818	E-348	
51204					DG	38097B	E-348	
51205					AB	38097B	E-350-1	
51206					AB	JB3833	E-350-1	
51207					AB	38097A	E-350-1	
51208					AB	1CJP	E-350-1	
51209					V	1CJP	E-350-1	
51210					V	1CJM	E-349-3, 350	
51211					U	1CJM	E-349-3	
51212					CC	1CJM	E-347	
51213					DD	1CJM	E-356-6	
51214					DD	1CPL	E-356-6	
51215					DD	1CPR	E-356-6	
51216					DD	1CPM	E-356-6	
51217					DD	1CP99A	E-356-1	
51218					FF	1CP99A	E-356-1	
51219			C5799	SV4608B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
51220			P1C5SI	SV4608B PENETRATION BOX (CH. 1)	D		E-371	
51221			P1C5SX	SV4608B PENETRATION BOX (CH. 1)	DG		E-348	
51222			SV4608B	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51300		RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	D	49163A	E-366, 369	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51301	RCS	RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	A	EXPOSED	E-378B-3	
51302			2CV4610AC	SV4610A CONTROL CIRCUIT	DF	47052A	E-347, 347-1	
51303					DF	2CKN	E-347, 347-1	
51304					DD	2CKN	E-356-7	
51305					DD	2CPN	E-356-7	
51306					DD	2CP98A	E-356-1	
51307					FF	2CP98A	E-356-1	
51308			2CV4610AD	SV4610A CONTROL CIRCUIT	X	46725A	E-346	
51309					X	2CKL	E-346	
51310					DF	2CKL	E-347, 346	
51311					DD	2CKL	E-356-7	
51312					DD	2CPN	E-356-7	
51313					DD	2CP98A	E-356-1	
51314					FF	2CP98A	E-356-1	
51315			C5798	SV4610A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
51316			P2P5FI	SV4610A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51317			P2P5FX	SV4610A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 346	
51318			RC4606	SV4610A RELAY CABINET (CH. 2)	X		E-346-1	
51319			SV4610A	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51400		RC4610B	2CV4610BA	SV4610B CONTROL CIRCUIT	D	49162A	E-366, 369	
51401					A	Exposed	E-378B-3	
51402			2CV4610BC	SV4610B CONTROL CIRCUIT	DF	46321A	E-347, 346-1	
51403					DF	2CKN	E-347, 346-1	
51404					DD	2CKN	E-356-7	
51405					DD	2CPN	E-356-7	
51406					DD	2CP98A	E-356-1	
51407					FF	2CP98A	E-356-1	
51408			C5798	SV4610B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
51409			P2C5CI	SV4610B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51410			P2C5CX	SV4610B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 370	
51411			SV4610B	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51500		RC4632	2CV4632A	SV4632 CONTROL CIRCUIT	D	39296A	E-362	
51501			2CV4632B	SV4632 CONTROL CIRCUIT	A	18402A	E-412-1	
51502					A	18402A	E-332	
51503					G	18402A	E-335	
51504					G	2CEV	E-335	
51505					U	2CEV	E-349-3	
51506					CC	2CEV	E-347	
51507					DD	2CEV	E-356-7	
51508					DD	2CPN	E-356-7	
51509					DD	2CKM	E-356-7	
51510					DF	2CKM	E-346-1	
51511					DF	46193B	E-346-1	
51512					DF	JB4674	E-346-1	
51513					DF	46193A	E-346-1	
51514					A	Exposed	E-378B-3	
51515			2CV4632C	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51516					DF	46193A	E-346-1	
51517			2CV4632D	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8	
51518					DD	5705C1	E-356-7, 356-8	
51519					DD	2CPN	E-356-7, 356-8	
51520					G	2CEV	E-335	
51521					G	18402A	E-335	
51522					A	18402A	E-332	
51523					A	18402A	E-332	
51524			2CV4632E	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51525					DF	46193B	E-346-1	
51526					DF	2CKM	E-346-1	
51527					DF	46193D	E-346-1	
51528					X	2CKM	E-346-1	
51529					X	46725B	E-346-1	
51530			2CV4632F	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8	
51531					DD	5705C1	E-356-7, 356-8	
51532					DD	2CPN	E-356-7, 356-8	
51533					DD	2CKM	E-356-7	
51534					DF	2CKM	E-346-1	
51535					DF	46725B	E-346-1	
51538			2CV4632G	SV4632 CONTROL CIRCUIT	DF	46193C	E-346-1	
51539					DF	JB4674	E-346-1	
51540					DF	Unschd	E-346-1	
51541			C1708	SV4632 CONTROL CABINET	A		E-412-1	
51542			C5705	SV4632 CONTROL ROOM PANEL	FF		E-353	
51543			JT3955	SV4632 TERMINAL BOX	D		E-362	
51544			JY4632	SV4632 SOLENOID CONTROL BOX	DF		E-346-1	
51545			P2C5CI	SV4632 PENETRATION TERMINAL BOX	D		E-369	
51546			P2C5CX	SV4632 PENETRATION TERMINAL BOX	DF		E-346-1	
51547			RC4606	SV4632 RELAY CABINET	X		E-346-1	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
51548	RCS	RC4632	RC4607	SV4632 RELAY CABINET	DF		E-346-1	
51549			SV4632	RCS COLD LEG SG1-2 SAMPLE VLV	D		E-369, 362	
53500	SFAS	CS755D	2CY207A	120VAC CONTROL POWER	DD	2CP55D	E-424	
53501					DD	2CPN	E-356-7	
53502					DD	2CKL	E-356-7	
53503					DF	2CKL	E-346	
53504					FF	2CP55D	E-424	
53505					X	2CKL	E-346	
53506					X	46824A	E-346	
53600		CS762D	1CY107A	120V AC CONTROL POWER	DD	1CPL	E-356-6	
53603					DD	46053A	E-356-1	
53604					DD	1CP62D	E-356-10	
53605					DD	46053B*	E-343, 344, 355	
53605A					A	46053B*	E-343, 344, 355	
53605B					DF	46053B*	E-343, 344, 355	
53605C					X	46053B*	E-343, 344, 355	
53605D					Y	46053B*	E-343, 344, 355	
53606					FF	1CP62D	E-356-10	
53607					Y	1CKD	E-346	
53608					Y	46122A	E-346	
53609					Y	1CKA	E-346	
53700		CS763D	3CY307A	120V AC CONTROL POWER	Y	46091A	E-346	
53701					Y	JB4607	E-346	
53702					DD	46019E	E-356-1	
53703					DD	46019G	E-356-1	
53704					DD	46019C	E-356-1	
53705					Y	46091B*	E-343, 344, 355	
53705A					II	46091B*	E-343, 344, 355	
53705B					X	46091B*	E-343, 344, 355	
53705C					DF	46091B*	E-343, 344, 355	
53705D					A	46091B*	E-343, 344, 355	
53705E					DD	46091B*	E-343, 344, 355	
53706					FF	46019G	E-353	
53800		CS765D	4CY407A	120VAC CONTROL POWER	X	46865A	E-346	
53801					X	46865C	E-346	
53802					X	JB4606	E-346	
53803					DD	46865G	E-356-1	
53804					DD	46865E	E-356-1	
53805					DD	46865C	E-356-1	
53806					DF	46865C	E-346	
53807					FF	46865G	E-353	
53808					X	46865C	E-346	
51600		HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
51601					V	37805C	E-349-3	
51611					DD	1CPL	E-356-1	
51613					DD	1CP17A	E-356-1	
51614					DD	1CJL	E-356-1	
51616					A	37805C	E-349-2	
51617					FF	1CP17A	E-353	
51618					U	1CJL	E-349-3	
51619					V	1CJL	E-349-3	
51602			1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
51603					DD	1CJL	E-356-1	
51604					DD	1CP63C	E-356-1	
51605					DD	1CPL	E-356-1	
51607					A	37805C	E-348-2	
51608					FF	1CP63C	E-353	
51609					U	1CJL	E-349-3	
51610					V	1CJL	E-349-3	
51612					V	37805C	E-349-3	
51700		HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	DD	2CEA	E-356-1	
51701					DD	2CPN	E-356-1	
51702					DD	2CPP	E-356-1	
51703					DD	2CPN	E-356-1	
51704					DD	2CP17C	E-356-1	
51705					DF	2CEA	E-347	
51706					A	37806B	E-349-2	
51707					A	2CEA	E-349-2	
51708					FF	2CP17C	E-353	
51709			2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DD	2CP56C	E-356-1	
51710					DD	2CPN	E-356-1	
51711					DD	2CEA	E-356-1	
51712					DD	2CPP	E-356-1	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
51713	SPAS	HIS6454	2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DD	2CPN	E-356-1	
51714					DF	2CEA	E-347	
51715					A	37806B	E-349-2	
51716					A	2CEA	E-349-2	
51717					FF	2CP56C	E-353	
51800		LI1525A	ALSF1601A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51801					DD	ALP16B	E-356-8	
51802					DD	ALPB	E-356-3	
51803					DD	ALP16B	E-356-8	
51804					FF	ALP16B	E-356-8	
51805		LI1525B	BLSF1651A	BWST LEVEL INDICATOR	DD	BLP55C	E-424	
51806					FF	BLP16B	E-356-8	
51807					DD	BLP16B	E-356-8	
51808					DD	BLPA	E-356-5	
51809					FF	BLP55C	E-424	
51810		LI1525C	ALSF1603A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51811					DD	ALP16B	E-356-8	
51812					DD	ALPB	E-356-3	
51813					DD	ALP63D	E-424	
51814					FF	ALP63D	E-424	
51815		LI1525D	BLSF1653A	BWST LEVEL INDICATOR	FF	BLP16B	E-356-8	
51816					DD	BLP16B	E-356-8	
51817					DD	BLPA	E-356-5	
51818					DD	BLP56D	E-424	
51819					FF	BLP56D	E-424	
52200		LSL1525A1	ALSF5811A	BWST LEVEL SWITCH	DD	ALP58C	E-356-10	
52201					DD	ALP62C	E-356-10	
52202					DD	ALPB	E-356-3	
52203					FF	ALP58C	E-356-10	
52204					FF	ALP62C	E-356-10	
52300		LSL1525B1	BLSF5821A	BWST LEVEL SWITCH	DD	BLP55C	E-424	
52301					DD	BLPA	E-356-5	
52303					DD	BLP58E	E-356-10	
52304					FF	BLP58E	E-356-10	
52305					FF	BLP55C	E-424	
52400		LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	AC	20323A	E-319	
52401					B	20323A	E-336	
52402					AB	20323A	E-336	
52403					DD	20323A	E-356-1	
52404					DD	1LP62C	E-356-10	
52405					AB	20323A	E-350	
52406					DG	20323A	E-348	
52407					FF	1LP62C	E-356-10	
52408					G	20323A	E-336	
52409					V	20323A	E-348	
52500		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	AC	20325A	E-319	
52501					B	20325A	E-336	
52502					CC	20325A	E-347	
52503					DD	20325A	E-356-1	
52504					DD	2LP55C	E-424	
52505					FF	2LP55C	E-424	
52506					G	20325A	E-335	
52508					AB	20325A	E-335	
52509					U	20325A	E-349-3	
52600		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	U	20324A	E-349-3	
52601					AC	20324A	E-319	
52602					B	20324A	E-336	
52603					CC	20324A	E-347	
52604					DD	3LP63D	E-424	
52605					DD	20324A	E-356-1	
52606					FF	3LP63D	E-424	
52607					G	20324A	E-335	
52609					AB	20324A	E-335	
52700		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	AC	20326A	E-319	
52701					B	20326A	E-336	
52702					CC	20326A	E-347	
52703					DD	4LP56D	E-424	
52704					DD	20326A	E-356-1	
52705					FF	4LP56D	E-424	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
52706	SFAS	LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	G	20326A	E-335	
52708					AB	20326A	E-335	
52709					U	20326A	E-349-3	
52800	PI2000	ALSFI601A		CTMT VESSEL PRESS INDICATOR	DD	ALP16B	E-356-8	
52801					DD	ALP62C	E-356-10	
52802					DD	ALPB	E-356-3	
52803					FF	ALP16B	E-356-8	
52804					FF	ALP62C	E-356-10	
52900	PI2001	BLSFI651A		CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8	
52901					DD	BLPA	E-356-5	
52902					DD	BLP55C	E-424	
52903					DD	BLPA	E-356-5	
52904					FF	BLP16B	E-356-8	
52905					FF	BLP55C	E-424	
53000	PI2002	ALSFI603A		CTMT VESSEL PRESS INDICATOR	DD	ALP63D	E-424	
53001					DD	ALPB	E-356-3	
53002					DD	ALP16B	E-356-8	
53003					FF	ALP63D	E-424	
53004					FF	ALP16B	E-356-8	
53100	PI2003	BLSFI653A		CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8	
53101					DD	BLPA	E-356-5	
53102					DD	BLP56D	E-424	
53103					FF	BLP56D	E-424	
53104					FF	BLP16B	E-356-8	
53200	PIRC2A3	BLSFI653A		RCS COOLANT PRESS INDICATOR	DD	BLP56D	E-424	
53201					DD	BLPA	E-356-5	
53202					DD	BLP16B	E-356-8	
53203					FF	BLP56D	E-424	
53204					FF	BLP16B	E-356-8	
53300	PIRC2A4	2LSFI652A		RCS COOLANT PRESS INDICATOR	DD	2LP55C	E-424	
53301					DD	57100C	E-356-1	
53302					DD	57100A	E-356-1	
53303					FF	57100A	E-353	
53304					FF	2LP55C	E-424	
53400	PIRC2B3	ALSFI603A		RCS COOLANT PRESS INDICATOR	DD	ALP63D	E-424	
53401					DD	ALP16B	E-356-8	
53402					DD	ALPB	E-356-3	
53403					FF	ALP16B	E-356-8	
53404					FF	ALP63D	E-424	
53900	PSH2000B	ALSFI5812A		CTMT VESSEL PRESS SWITCH	DD	ALP58C	E-356-10	
53901					DD	ALPB	E-356-3	
53902					DD	ALP62C	E-356-10	
53903					FF	ALP62C	E-356-10	
53904					FF	ALP58C	E-356-10	
54000	PSH2001B	BLSFI5822A		CTMT VESSEL PRESS SWITCH	DD	BLP58E	E-356-10	
54001					DD	BLP55C	E-424	
54002					DD	BLPA	E-356-5	
54004					FF	BLP55C	E-424	
54005					FF	BLP58E	E-356-10	
54100	PT2000	1LSFPT12A		CTMT VESSEL PRESS XMTR	DD	48037A	E-356-1	
54101					DD	1LP62C	E-356-10	
54102					FF	1LP62C	E-356-10	
54103					V	48037A	E-348	
54200	PT2001	2LSFPT22A		CTMT VESSEL PRESS XMTR	DD	57059A	E-356-1	
54201					DD	2LP55C	E-424	
54202					EE	57059A	E-414	
54203					FF	2LP55C	E-424	
54300	PT2002	3LSFPT32A		CTMT VESSEL PRESS XMTR	DD	58111A	E-356-1	
54301					EE	58111A	E-417	
54302					FF	58111A	E-353	
54400	PT2003	4LSFPT42A		CTMT VESSEL PRESS XMTR	CC	37815E	E-347	
54401					CC	JB4708	E-347	
54402					CC	37815D	E-347	
54403					CC	37815C*	E-347	
54404					A	37815C*	E-347	
54404A					DF	37815C	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
54405	SFAS	PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	DF	37815B	E-347	
54406					DF	JB4704	E-347	
54407					DF	37815A	E-347	
54408					DD	37815A	E-356-1	
54408A					DD	4LP56D	E-424	
54409					FF	4LP56D	E-424	
55200	RI2004	ALSP1601A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8		
55201				DD	ALPB	E-356-3		
55202				DD	ALP62C	E-356-10		
55203				FF	ALP62C	E-356-10		
55204				FF	ALP16B	E-356-8		
55300	RI2005	BLSF1651A	CTMT VESSEL RADIATION IND	DD	BLP16B	E-356-8		
55301				DD	BLPA	E-356-5		
55303				DD	BLP55C	E-424		
55304				FF	BLP16B	E-356-8		
55305				FF	BLP55C	E-424		
55400	RI2006	ALSP1603A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8		
55401				DD	ALP63D	E-424		
55402				DD	ALPB	E-356-3		
55403				FF	ALP16B	E-356-8		
55404				FF	ALP63D	E-424		
55500	RI2007	BLSF1653A	CTMT VESSEL RADIATION IND	DD	BLPA	E-356-5		
55501				DD	BLP56D	E-424		
55502				DD	BLP16B	E-356-8		
55503				FF	BLP16B	E-356-8		
55504				FF	BLP56D	E-424		
55600	RSH2004A	ALSP5813A	CTMT VESSEL RADIATION SW	DD	ALP62C	E-356-10		
55601				DD	ALP58C	E-356-10		
55602				DD	ALPB	E-356-3		
55603				FF	ALP62C	E-356-10		
55604				FF	ALP58C	E-356-10		
55700	RSH2005A	BLSF5823A	CTMT VESSEL RADIATION SW	DD	BLP58E	E-356-10		
55701				DD	BLPA	E-356-5		
55703				DD	BLP55C	E-424		
55704				FF	BLP58E	E-356-10		
55705				FF	BLP55C	E-424		
55800	SFRCs	HIS100B	2CRC2121A	SFRCs LOGIC CH.2 TRIP BLOCK	DD	2CP92B	E-356-1	
55801					DD	2CPN	E-356-1	
55802					DD	5721C3	E-356-1	
55803					DD	2CEV	E-356-1	
55804					FF	2CP92B	E-353	
55805					FF	5721C3	E-353	
55806					DD	5721C3	E-356-1	
55807		DD	2CP92B	E-356-1				
55808		DD	2CEV	E-356-1				
55809		DD	2CPN	E-356-1				
55810		FF	5721C3	E-353				
55811		FF	2CP92B	E-353				
55900		HIS100C	2CRC2141A	SFRCs LOGIC CH.4 TRIP BLOCK	DD	2CEV	E-356-1	
55901					DD	2CPN	E-356-1	
55902					DD	2CP92B	E-356-1	
55903					DD	5721C2	E-356-1	
55904					FF	2CP92B	E-353	
55905	FF		5721C2	E-353				
55906	DD		5721C2	E-356-1				
55907	DD		2CPN	E-356-1				
55908	DD		2CEV	E-356-1				
55909	DD		2CP92B	E-356-1				
55910	FF	5721C2	E-353					
55911	FF	2CP92B	E-353					
56000	HIS101B	1CRC2111A	SFRCs LOGIC CH.1 TRIP BLOCK	DD	1CPL	E-356-1		
56002				DD	5721B1	E-356-1		
56003				FF	5721B1	E-353		
56004		DD	1CPL	E-356-1				
56006		DD	5721B1	E-356-1				
56007	FF	5721B1	E-353					
56100	HIS101C	1CRC2131A	SFRCs LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1		
56101				DD	1CPM	E-356-1		
56102				DD	5721B2	E-356-1		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56103	SFRCS	HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	FF	5721B2	E-353	
56104			1CRC2131B	SFRCS LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1	
56105					DD	1CPM	E-356-1	
56106					DD	5721B2	E-356-1	
56107					FF	5721B2	E-353	
56219		HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (APP-1 TO SG-2)	DD	1CPR	E-356-6	
56220					DD	1CP62A	E-356-10	
56221					DD	JT5721	E-356	
56222					DD	1CPM	E-356-6	
56223					DD	1CPL	E-356	
56224					DD	1CPM	E-356-6	
56225					DD	1CP06A	E-356	
56226					FF	1CP62A	E-356-10	
56227					FF	1CP06A	E-353	
56228					FF	1CPA	E-353	
56229			1CRSCC23A	BLOCK CIRCUIT AF3869 (APP-1 TO SG-2)	DD	JT5721	E-356	
56230					DD	1CPM	E-356-6	
56231					DD	1CPR	E-356-6	
56232					DD	1CPL	E-356	
56233					DD	1CP06A	E-356	
56234					DD	1CP62A	E-356-10	
56235					DD	1CPM	E-356-10	
56236					FF	1CP06A	E-353	
56237					FF	1CP62A	E-356-10	
56238					FF	1CPA	E-353	
56419		HIS3870B	1CRSCC21A	BLOCK CIRCUIT AF3870 (APP-1 TO SG-1)	DD	1CP62A	E-356-10	
56420					DD	1CP06A	E-356	
56421					DD	JT5721	E-356	
56422					DD	1CPM	E-356-6	
56424					DD	1CPR	E-356-6	
56425					DD	1CPL	E-356	
56426					FF	1CP06A	E-353	
56427					FF	1CP62A	E-356-10	
56428					FF	1CPA	E-353	
56429			1CRSCC23A	BLOCK CIRCUIT AF3870 (APP-1 TO SG-1)	DD	1CP62A	E-356-10	
56430					DD	1CP06A	E-356	
56431					DD	JT5721	E-356	
56432					DD	1CPM	E-356-6	
56434					DD	1CPR	E-356-6	
56435					DD	1CPL	E-356	
56436					FF	1CP06A	E-353	
56437					FF	1CP62A	E-356-10	
56438					FF	1CPA	E-353	
56316		HIS3871B	2CRSCC22A	BLOC CIRCUIT AE3871 (APP-2 TO SG-1)	DD	JT5722	E-356	
56317					DD	2CPN	E-356	
56318					DD	2CEV	E-356	
56319					DD	2CPN	E-356	
56320					DD	2CP92A	E-356, 423	
56321					FF	2CP06A	E-353	
56322					FF	2CP92D	E-353	
56323					FF	2CP92A	E-353	
56324			2CRSCC24A	BLOCK CIRCUIT AF3871 (AF-2 TO SG-1)	DD	2CEV	E-356	
56325					DD	2CPN	E-356	
56326					DD	JT5722	E-356	
56327					DD	2CP92A	E-356, 423	
56328					DD	2CPN	E-356	
56329					FF	2CP06A	E-353	
56330					FF	2CP92D	E-353	
56331					FF	2CP92A	E-353	
56516		HIS3872B	2CRSCC22A	BLOCK CIRCUIT AF3872 (APP-2 TO SG-2)	DD	2CEV	E-356	
56517					DD	2CP92A	E-356, 423	
56518					DD	2CPN	E-356	
56519					DD	JT5722	E-356	
56520					DD	2CPN	E-356	
56521					FF	2CP92D	E-353	
56522					FF	2CP92A	E-353	
56523					FF	2CP06A	E-353	
56524			2CRSCC24A	BLOCK CIRCUIT AF3872 (APP-2 TO SG-2)	DD	2CP92A	E-356, 423	
56525					DD	2CEV	E-356	
56526					DD	JT5722	E-356	
56527					DD	2CPN	E-356	
56529					FF	2CP06A	E-353	
56530					FF	2CP92A	E-353	
56531					FF	2CP92D	E-353	
56532		HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CPN	E-356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56533	SFRCS	HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CEV	E-356	
56534					DD	2CPN	E-356	
56535					DD	2CP92A	E-356, 423	
56536					DD	JT5722	E-356	
56537					FF	2CP06A	E-356	
56537A					FF	2CP92A	E-353	
56538					FF	2CP92D	E-353	
56539			2CRSCC14A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CP92A	E-356, 423	
56540					DD	2CEV	E-356	
56541					DD	2CPN	E-356	
56542					DD	JT5722	E-356	
56543					DD	2CPN	E-356	
56544					FF	2CP92A	E-356	
56545					FF	2CP92D	E-353	
56546					FF	2CP06A	E-353	
56547		HIS611B	1CRSCC11A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CPM	E-356-2	
56548					DD	1CPL	E-356	
56549					DD	1CP62A	E-356-10	
56550					DD	1CPR	E-356-6	
56551					DD	1CPM	E-356-6	
56552					DD	JT5721	E-356	
56553					DD	1CP06A	E-356	
56554					FF	1CP62A	E-356-10	
56555					FF	1CPA	E-353	
56556					FF	1CP06A	E-353	
56557			1CRSCC13A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CP06A	E-353	
56558					DD	1CP62A	E-356-10	
56559					DD	1CPM	E-356	
56560					DD	1CPL	E-356	
56561					DD	JT5721	E-356	
56562					DD	1CPR	E-356-6	
56563					FF	1CP62A	E-356-10	
56564					FF	1CP06A	E-353	
56565					FF	1CPA	E-353	
56200		HIS6401	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	DD	1CPM	E-356-6	
56201					DD	1CPL	E-356	
56202					DD	1CP62A	E-356-10	
56203					DD	1CPR	E-356-6	
56204					DD	1CPM	E-356-6	
56205					DD	JT5721	E-356	
56206					DD	1CP06A	E-356	
56207					FF	1CP62A	E-356-10	
56208					FF	1CPA	E-353	
56209					FF	1CP06A	E-353	
56210			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356	
56211					DD	1CP62A	E-356-10	
56212					DD	1CPM	E-356	
56213					DD	1CPL	E-356	
56214					DD	JT5721	E-356	
56215					DD	1CPR	E-356-6	
56216					FF	1CP62A	E-356-10	
56217					FF	1CP06A	E-353	
56218					FF	1CPA	E-353	
56300		HIS6402	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CPN	E-356	
56301					DD	2CEV	E-356	
56302					DD	2CPN	E-356	
56303					DD	2CP92A	E-356, 423	
56304					DD	JT5722	E-356	
56305					FF	2CP06A	E-353	
56306					FF	2CP92D	E-353	
56307					FF	2CP92A	E-353	
56308			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423	
56309					DD	2CEV	E-356	
56310					DD	2CPN	E-356	
56311					DD	JT5722	E-356	
56312					DD	2CPN	E-356	
56313					FF	2CP92A	E-353	
56314					FF	2CP92D	E-353	
56315					FF	2CP06A	E-353	
56400		HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	DD	1CPL	E-356	
56401					DD	1CPR	E-356-6	
56402					DD	1CP62A	E-356-10	
56403					DD	1CPM	E-356-6	
56405					DD	JT5721	E-356	
56406					DD	1CP06A	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56407	SFRCS	HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP62A	E-356-10	
56408					FF	1CP06A	E-353	
56409					FF	1CPA	E-353	
56410			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356	
56411					DD	1CPL	E-356	
56412					DD	1CPR	E-356-6	
56413					DD	JT5721	E-356	
56414					DD	1CP62A	E-356-10	
56415					DD	1CPM	E-356	
56416					FF	1CP06A	E-353	
56417					FF	1CPA	E-353	
56418					FF	1CP62A	E-356-10	
56500		HIS6404	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423	
56501					DD	JT5722	E-356	
56502					DD	2CPN	E-356	
56504					DD	2CEV	E-356	
56505					FF	2CP06A	E-353	
56506					FF	2CP92A	E-353	
56507					FF	2CP92D	E-353	
56508			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD	2CEV	E-356	
56509					DD	2CPN	E-356	
56510					DD	JT5722	E-356	
56511					DD	2CP92A	E-356, 423	
56512					DD	2CPN	E-356	
56513					FF	2CP92D	E-353	
56514					FF	2CP06A	E-353	
56515					FF	2CP92A	E-353	
56600		LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	CC	38601A	E-347	
56601					DD	5761A1	E-356-1	
56602					DD	38601A	E-356-1	
56603					DD	38601B	E-356-1	
56604					DD	5762C2	E-356-1	
56605					DD	1LP62C	E-356-1	
56606					AB	38601A	E-350	
56607					FF	5761A1	E-353	
56608					FF	1LP61A	E-353	
56609					U	38601A	E-349-3	
56610					V	38601A	E-350	
56611			1LSGLT11C	SG 2 LEVEL XMTR	D	29132C	E-373	
56612					D	29132A	E-373	
56613					AB	Exposed	E-378B-3	
56614			P1L1LI	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56615			P1L1LX	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
56700		LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	DD	5761A2	E-356-1	
56701					AB	38232A	E-350	
56702					FF	5761A2	E-353	
56703					FF	1LP61A	E-353	
56704					V	JB3731	E-350	
56705					V	38232A	E-350	
56706					V	5761A2	E-350	
56707			1LSGLT31C	SG 2 LEVEL XMTR	D	29133A	E-373	
56708					D	29133C	E-373	
56709					AB	Exposed	E-378B-3	
56710			P1L1LI	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56711			P1L1LX	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
56800		LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	DD	57961A	E-356-1	
56801					DD	2LP92A	E-356-1	
56802					DF	JB4707	E-347	
56803					DF	47402A	E-347	
56804					DF	57961A	E-347	
56805					FF	2LP92A	E-353	
56806					FF	57961A	E-353	
56807					FF	2LP92B	E-353	
56808			2LSGLT21C	SG 2 LEVEL XMTR	D	29134B	E-373	
56809					D	29134A	E-373	
56810					A	Exposed	E-378B-3	
56811			P2L4GI	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
56812			P2L4GX	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
56900		LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	57962B	E-356-1	
56901					DD	57962A	E-356-1	
56902					DD	JB5785	E-356-1	
56903					DD	2LP92A	E-356-1	
56904					DD	47551A	E-356-1	
56905					DD	47551B	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
56906	SFRCS	LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	5755C2	E-356-1	
56907					DD	2LP55C	E-356-1	
56908					DF	47551A	E-347	
56909					FF	2LP92A	E-353	
56910					FF	2LP92B	E-353	
56911			2LSGLT41C	SG 2 LEVEL XMTR	D	29135A	E-373	
56912					D	29135B	E-373	
56913					A	Exposed	E-378B-3	
56914			P2L4GI	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
56915			P2L4GX	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57000		LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	DD	2LP92A	E-356-1	
57002					DD	57961A	E-356-1	
57004					DF	JB4707	E-347	
57005					DF	57961A	E-347	
57006					DF	47402A	E-347	
57008					DF	57961A	E-347	
57009					DF	JB4707	E-347	
57010					FF	2LP92B	E-353	
57011					FF	57961A	E-353	
57012					FF	2LP92A	E-353	
57014					FF	2LP92B	E-353	
57015			2LSGLT21D	SG 1 LEVEL XMTR	D	29134C	E-373	
57016					D	29134A	E-373	
57017					A	Exposed	E-378B-3	
57020			P2L4GI	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57021			P2L4GX	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57100		LLTSP9B7	2LSGLT41B	SG 1 LEVEL XMTR	DD	47551A	E-356-1	
57101					DD	5755C2	E-356-1	
57102					DD	2LP55C	E-356-1	
57103					DD	47551B	E-356-1	
57104					DD	2LP92A	E-356-1	
57105					DD	57962B	E-356-1	
57106					DD	JB5785	E-356-1	
57107					DD	57962A	E-356-1	
57108					DF	47551A	E-347	
57109					FF	2LP92B	E-353	
57110					FF	2LP92A	E-353	
57111			2LSGLT41D	SG 1 LEVEL XMTR	D	29135A	E-373	
57112					D	29135C	E-373	
57113					A	Exposed	E-378B-3	
57116			P2L4GI	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57117			P2L4GX	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57200		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	CC	38601A	E-347	
57201					DD	38601B	E-356-1	
57202					DD	1LP62C	E-356-1	
57203					DD	5761A1	E-356-1	
57204					DD	38601A	E-356-1	
57205					DD	5762C2	E-356-1	
57206					AB	38601A	E-350	
57207					FF	5761A1	E-353	
57208					FF	1LP61A	E-353	
57209					U	38601A	E-349-3	
57210					V	38601A	E-350	
57211			1LSGLT11D	SG 1 LEVEL XMTR	D	29132A	E-373	
57212					D	29132B	E-373	
57213					AB	Exposed	E-378B-3	
57214			P1L1LI	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
57215			P1L1LX	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
57300		LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	DD	5761A2	E-356-1	
57301					AB	38232A	E-350	
57302					FF	1LP61A	E-353	
57303					FF	5761A2	E-353	
57304					V	5761A2	E-350	
57305					V	JB3731	E-350	
57306					V	38232A	E-350	
57307			1LSGLT31D	SG 1 LEVEL XMTR	D	29133A	E-373	
57308					D	29133B	E-373	
57309					AB	Exposed	E-378B-3	
57310			P1L1LI	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
57311			P1L1LX	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	AB		E-350, 351-5	
57400		PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	A	2CEC	E-335	
57401					A	2CEB	E-335	
57402					A	2CEA	E-335, 349-2	
57404					DD	2CP92A	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
57405	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	DD	JB5778	E-356-1	
57406					DD	2CEA	E-356-1	
57407					DD	2CEV	E-356-1	
57408					DD	2CPN	E-356-1	
57411					DD	2CPP	E-356-1	
57412					DUCT	36189B*	E-337	
57413					F	2CEC	E-335	
57414					FF	2CP92A	E-353	
57415					FF	2CP92C	E-353	
57416					II	36829A	E-338	
57417					P	36829A	E-338	
57418					Q	36189A	E-338	
57419					Q	2CGE	E-338	
57420					Q	JB3620	E-338	
57421					Q	36189B	E-338	
57422					Q	36829A	E-338	
57500		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	A	2CED	E-335	
57501					A	2CEB	E-335	
57504					DD	JB5776	E-356-1	
57505					DD	2CPN	E-356-1	
57506					DD	2CEV	E-356-1	
57507					DD	2CPN	E-356-1	
57509					DD	2CED	E-356-1	
57510					DD	2CP92A	E-356-1	
57511					DUCT	36182B*	E-337, 342	
57512					F	2CEB	E-335	
57513					FF	2CP92C	E-353	
57514					FF	2CP92D	E-353	
57515					FF	2CP92A	E-353	
57516					II	36245A	E-338	
57517					P	36245A	E-338	
57518					R	36245A	E-338	
57519					S	36245A	E-338	
57520					S	36182B	E-338	
57521					S	JB3620	E-338	
57600		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	A	27122A	E-335	
57601					A	1CEB	E-335	
57602					CC	27122A	E-347	
57603					DD	1CPL	E-356-1	
57604					DD	27122A	E-356-1	
57605					DD	1CPL	E-356-1	
57606					A	36257A	E-338	
57607					E	1CEB	E-335	
57608					DUCT	36082B*	E-337	
57609					FF	Exposed	E-353	
57610					II	36257A	E-338	
57611					P	36257A	E-338	
57612					R	36257A	E-338	
57613					S	1CGC	E-338	
57614					S	36082A	E-338	
57615					S	JB3607	E-338	
57616					S	36082B	E-338	
57617					S	36257A	E-338	
57618					UU	27122A	E-349-1	
57619			1CRCPD11D	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356	
57620					DD	JB5777	E-356	
57621					DD	1CPL	E-356	
57622					DD	1CP62A	E-356	
57623					FF	1CP61A	E-353	
57624					FF	1CP62A	E-353	
57700		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	A	27574A	E-335	
57701					A	1CEB	E-335	
57702					CC	1CJM	E-347	
57703					DD	1CLA	E-356-1	
57704					DD	57303A	E-356-1	
57705					DD	1CJM	E-356-1	
57706					DD	1CPL	E-356-1	
57707					A	36259A	E-338	
57708					E	1CEC	E-335	
57709					DUCT	36090B*	E-337	
57710					FF	Exposed	E-353	
57711					G	1CDB	E-335	
57712					G	27574A	E-335	
57713					II	36259A	E-338	
57714					P	36259A	E-338	
57715					R	36259A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
57716	SFRCS	PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	S	36259A	E-338	
57717					S	JB3607	E-338	
57718					S	36090B	E-338	
57719					U	1CDB	E-349-3	
57720					U	37525A	E-349-3	
57721					U	1CDB	E-349-3	
57722					U	1CJM	E-349-3	
57800		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	CC	1CJL	E-347	
57801					DD	1CPL	E-356-1	
57802					DD	1CJL	E-356-1	
57803					DD	1CPL	E-356-1	
57804					AB	38363A	E-350	
57805					FF	Exposed	E-353	
57806					U	1CJL	E-349-3	
57807					V	38363A	E-350	
57808					V	1CJL	E-350	
57809			1CRCPD11E	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356	
57810					DD	1CP62A	E-356	
57811					DD	JB5777	E-356	
57812					DD	1CPL	E-356	
57813					FF	1CP61A	E-353	
57814					FF	1CP62A	E-353	
57900		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	CC	1CJM	E-347	
57901					DD	57303A	E-356-1	
57902					DD	1CJM	E-356-1	
57903					DD	1CLA	E-356-1	
57904					DD	1CPL	E-356-1	
57905					AB	38362A	E-350	
57906					FF	Exposed	E-353	
57907					U	1CJM	E-349-3	
57908					V	1CJM	E-350	
57909					V	38362A	E-350	
58000		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	DD	2CEV	E-356-1	
58001					DD	2CPN	E-356-1	
58002					DD	2CPP	E-356-1	
58003					DD	JB5778	E-356-1	
58004					DD	2CPN	E-356-1	
58005					DD	2CP92A	E-356-1	
58006					DD	2CEA	E-356-1	
58007					DD	2CPN	E-356-1	
58008					AB	38360A	E-350	
58009					A	38360A	E-349-2	
58010					A	2CEA	E-349-2	
58011					FF	2CP92A	E-353	
58012					FF	2CP92C	E-353	
58013					U	38360A	E-349-3	
58014					V	38360A	E-350	
58100		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	CC	2CEV	E-347	
58101					DD	2CEV	E-356-1	
58102					DD	2CP92A	E-356-1	
58103					AB	38361A	E-350	
58104					FF	2CP92A	E-353	
58105					FF	2CP92C	E-353	
58106					U	2CEV	E-349-3	
58107					U	38361A	E-349-3	
58108					V	38361A	E-350	
58800		PS3687A	2CRCP21E	MS LINE 2 PRESS	EE	2CRD	E-414	
58802					EE	57161A	E-414	
58803					EE	JB5708	E-414	
58804					EE	57161B	E-414	
58805			2CRCP21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
58806					DD	2CPN	E-356	
58807					DD	57162A	E-356	
58808					DD	2CP92A	E-356	
58809					EE	57162A	E-414	
58810					FF	2CP92A	E-353	
58811					FF	2CP92C	E-353	
58901		PS3687C	2CRCP21I	MS LINE 1 PRESS	EE	2CRB	E-417	
58902					EE	58095B	E-414	
58903			2CRCP21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
58904					DD	57162A	E-356	
58905					DD	2CPN	E-356	
58906					DD	2CP92A	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
58907	SFRCS	PS3687C	2CRCPS21L	MS LINE 1(2) PRESS	EE	57162A	E-414			
58908					FF	2CP92A	E-353			
58909					FF	2CP92C	E-353			
59000		PS3687E	2CRCPS41E	MS LINE 2 PRESS	EE	2CRD	E-414			
59001					EE	57163A	E-414			
59003					EE	57163C	E-414			
59004					EE	2CRD	E-414			
59005					2CRCPS41L	MS LINE 1(2) PRESS	DD	57162B	E-356	
59006							DD	2CP92A	E-356, 423	
59007					DD	2CEV	E-356			
59008					DD	2CPN	E-356			
59010					EE	57162B	E-414			
59011					FF	2CP92A	E-353			
59012					FF	2CP92C	E-353			
59101						PS3687G	2CRCPS41I	MS LINE 1 PRESS	EE	2CRB
59102	EE	58095A	E-414							
59103	2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV					E-356	
59104			DD	2CPN					E-356	
59106	DD	2CP92A	E-356, 423							
59107	DD	57162B	E-356							
59108	EE	57162B	E-414							
59109	FF	2CP92A	E-353							
59110	FF	2CP92C	E-353							
59200		PS3687K	2CRCPS21G	MS LINE 2 PRESS					EE	JB5708
59201					EE	2CRD	E-414			
59202					EE	FLEX	E-414			
59203					EE	57161A	E-414			
59204					EE	57161B	E-414			
59205					2CRCPS21L	MS LINE 1(2) PRESS	DD	57162A	E-356	
59206							DD	2CEV	E-356	
59207					DD	2CP92A	E-356			
59208					DD	2CPN	E-356			
59209					EE	57162A	E-414			
59210					FF	2CP92A	E-353			
59211	FF	2CP92C	E-353							
59300		PS3687L	2CRCPS21H	MS LINE 2 PRESS	EE	JB5708	E-414			
59301					EE	57161A	E-414			
59302					EE	FLEX	E-414			
59303					EE	2CRD	E-414			
59304					2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59305							DD	2CP92A	E-356	
59306					DD	57162A	E-356			
59307					DD	2CPN	E-356			
59308					EE	57162A	E-414			
59309					FF	2CP92A	E-353			
59310	FF	2CP92C	E-353							
59400		PS3687M	2CRCPS41G	MS LINE 2 PRESS	EE	FLEX	E-414			
59401					EE	2CRD	E-414			
59403					EE	57163A	E-414			
59404					EE	57163C	E-414			
59405					2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59406							DD	57162B	E-356	
59407					DD	2CPN	E-356			
59409					DD	2CP92A	E-356, 423			
59410					EE	57162B	E-414			
59411					FF	2CP92A	E-353			
59412					FF	2CP92C	E-353			
59500						PS3687N	2CRCPS41H	MS LINE 2 PRESS	EE	FLEX
59501	EE	2CRD	E-414							
59502	EE	57163A	E-414							
59503	2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV					E-356	
59504			DD	2CPN					E-356	
59506	DD	57162B	E-356							
59507	DD	2CP92A	E-356, 423							
59508	EE	57162B	E-414							
59509	FF	2CP92C	E-353							
59510	FF	2CP92A	E-353							
59601		PS3689B	1CRCPS11F	MS LINE 1 PRESS	EE	58096A	E-417			
59602					EE	1CRC	E-414			
59603					V	58096A	E-348			
59604					DD	1CP62A	E-356			
59605					DD	1CPL	E-356			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
59606	SFRCS	PS3689B	1CRCPS11L	MS LINE 1(2) PRESS	DD	58097A	E-356, 417	
59607					DD	1CPL	E-356	
59609					EE	58097A	E-414	
59610					FF	1CP61A	E-353	
59611					FF	1CP62A	E-353	
59700		PS3689D	1CRCPS11J	MS LINE 2 PRESS	EE	57160B	E-417	
59701					EE	57160C	E-414	
59702			1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
59703					DD	58097A	E-356, 417	
59704					DD	1CP62A	E-356	
59705					DD	1CPL	E-356	
59707					EE	58097A	E-414	
59708					FF	1CP62A	E-353	
59709					FF	1CP61A	E-353	
59800		PS3689F	1CRCPS31F	MS LINE 1 PRESS	EE	58096B	E-417	
59801					EE	1CRC	E-417	
59803			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59804					DD	1CPL	E-356	
59805					DD	58097B	E-356, 417	
59806					DD	1CPM	E-356	
59807					DD	1CP62A	E-356	
59808					EE	58097B	E-414	
59809					FF	1CP62A	E-353	
59810					FF	1CP61A	E-353	
59900		PS3689H	1CRCPS31J	MS LINE 2 PRESS	EE	1CRA	E-414	
59901					EE	57160A	E-414, 417	
59903			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59904					DD	1CPM	E-356	
59905					DD	58097B	E-356, 417	
59906					DD	1CP62A	E-356	
59907					DD	1CPL	E-356	
59908					EE	58097B	E-414	
59909					FF	1CP61A	E-353	
59910					FF	1CP62A	E-353	
60000		PS3689K	1CRCPS11G	MS LINE 1 PRESS	EE	FLEX	E-414	
60001					EE	1CRC	E-414	
60002					EE	58096A	E-417	
60003					V	58096A	E-348	
60004			1CRCPS11L	MS LINE 1(2) PRESS	DD	58097A	E-356, 417	
60005					DD	1CP62A	E-356	
60006					DD	1CPL	E-356	
60009					EE	58097A	E-414	
60010					FF	1CP61A	E-353	
60011					FF	1CP62A	E-353	
60100		PS3689L	1CRCPS11H	MS LINE 1 PRESS	EE	FLEX	E-414	
60101					EE	58096A	E-417	
60102					EE	1CRC	E-414	
60103					V	58096A	E-348	
60104			1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
60106					DD	58097A	E-356, 417	
60107					DD	1CPL	E-356	
60108					DD	1CP62A	E-356	
60109					EE	58097A	E-414	
60110					FF	1CP62A	E-353	
60111					FF	1CP61A	E-353	
60200		PS3689M	1CRCPS31G	MS LINE 1 PRESS	EE	FLEX	E-417	
60201					EE	1CRC	E-417	
60202					EE	58096B	E-417	
60203			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60204					DD	1CPL	E-356	
60205					DD	1CP62A	E-356	
60206					DD	58097B	E-356, 417	
60207					DD	1CPM	E-356	
60208					EE	58097B	E-414	
60209					FF	1CP62A	E-353	
60210					FF	1CP61A	E-353	
60300		PS3689N	1CRCPS31H	MS LINE 1 PRESS	EE	58096B	E-417	
60301					EE	1CRC	E-417	
60302					EE	FLEX	E-417	
60303			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60304					DD	1CP62A	E-356	
60305					DD	1CPL	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60306	SFRCS	PS3689N	1CRCP31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60307					DD	1CPM	E-356	
60308					EE	58097B	E-414	
60309					FF	1CP61A	E-353	
60310					FF	1CP62A	E-353	
60400		RCPM1	1CRCPM1B	RCP MONITOR	A	1CEB	E-335	
60401					A	27122A	E-335	
60402					CC	27122A	E-347	
60403					DD	JB5777	E-356-1	
60404					DD	27122A	E-356-1	
60405					DD	1CPL	E-356-1	
60407					E	36082B	E-335	
60408					E	1CEB	E-335	
60409					DUCT	36082B*	E-337	
60410					FF	Exposed	E-353	
60411					S	1CGC	E-338	
60412					S	36082B	E-338	
60413					S	36082A	E-338	
60414					S	36320A	E-338	
60415					S	JB3607	E-338	
60416					UU	27122A	E-349-1	
60417			1CRCPM1C	RCP MONITOR	DD	JB5777	E-356-1	
60418					DD	1CPL	E-356-1	
60419					DD	1CP62A	E-356-1	
60420					FF	1CP62A	E-353	
60421					FF	1CP61A	E-353	
60500		RCPM2	2CRCPM21B	RCP MONITOR	DD	2CPP	E-356-1	
60501					DD	2CPN	E-356-1	
60502					DD	JB5778	E-356-1	
60503					DD	2CPN	E-356-1	
60504					DD	2CEV	E-356-1	
60505					DD	2CF92A	E-356-1	
60506					DD	2CEA	E-356-1	
60507					DD	2CPN	E-356-1	
60508					DUCT	36189B*	E-337	
60509					F	2CEC	E-335	
60510					F	36189B	E-335	
60511					FF	2CP92A	E-353	
60512					FF	2CP92C	E-353	
60513					Q	36189B	E-338	
60514					Q	36413A	E-338	
60515					Q	36189A	E-338	
60516					Q	JB3620	E-338	
60517					Q	2CGE	E-338	
60518					A	2CEA	E-335, 349-2	
60520					A	2CEB	E-335	
60521					A	2CEC	E-335	
60600		RCPM3	1CRCPM31B	RCP MONITOR	A	27574A	E-335	
60601					A	1CEC	E-335	
60602					CC	1CJM	E-347	
60603					DD	1CLA	E-356-1	
60604					DD	57303A	E-356-1	
60605					DD	1CJM	E-356-1	
60606					DD	1CPL	E-356-1	
60607					E	1CEC	E-335	
60608					E	36090B	E-335	
60609					DUCT	36090B*	E-337	
60610					FF	Exposed	E-353	
60611					G	1CDB	E-335	
60612					G	27574A	E-335	
60613					R	36833A	E-338	
60614					S	36833A	E-338	
60615					S	JB3607	E-338	
60616					S	36090B	E-338	
60617					U	1CJM	E-349-3	
60618					U	37525A	E-349-3	
60619					U	1CDB	E-349-3	
60700		RCPM4	2CRCPM41B	RCP MONITOR	A	2CED	E-335	
60701					A	2CEC	E-335	
60703					DD	2CPN	E-356-1	
60705					DD	JB5776	E-356-1	
60706					DD	2CED	E-349-2	
60708					DD	2CEV	E-356-1	
60709					DD	2CP92A	E-356-1	
60710					DD	2CPN	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60711	SFRCS	RCPM4	2CRCPM41B	RCP MONITOR	DUCT	36182B*	E-337, 342	
60712					F	36182B	E-335	
60713					F	2CEB	E-335	
60714					FF	2CP92C	E-353	
60715					FF	2CP92A	E-353	
60716					P	36543A	E-338	
60717					Q	36182B	E-338	
60718					Q	JB3620	E-338	
60719					Q	36543A	E-338	
60900	SWS	P180	AC201	AP1800 CIRCUIT BREAKER (CH. A)	S		E-338	
60901			ACAC201B	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60902					DD	ACP02B	E-356-9	
60903					DD	ACPG	E-356-2	
60904					DD	ACPR	E-356-2	
60905					DD	ACPJ	E-356-2	
60906					II	ACGF	E-338, 347	
60907					S	ACGF	E-338, 351-1	
60908					S	36529A	E-338, 351-1	
60909			ACAC201C	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60910					DD	ACP20A	E-356-9	
60911					DD	ACPG	E-356-2	
60912					DD	ACPR	E-356-2	
60913					DD	ACPJ	E-356-2	
60914					II	ACGF	E-338, 347	
60915					S	ACGF	E-338, 351-1	
60916					S	36529A	E-338, 351-1	
60928			AP1800	MP1800 MOTOR STARTER (CH. A)	BD		E-361	
60917			APAC201A	AP1800 CONTROL CIRCUIT	BD	36012H	E-361	
60918					MG	JB30D4	E-361	
60919					BG	36012D	E-361	
60920					DUCT	36012C*	E-304, 360	
60921					MA	Exposed	E-304, 309	
60922					DUCT	36012B*	E-305, 307	
60922A					DUCT	36012A*	E-337, 341	
60923					S	36012A	E-338	
60924			APAP1800A	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60925			APAP1800B	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60926			C5720	AP1800 CONTROL ROOM PANEL (CH. A)	FF		E-353	
60927			MP1800	BACKUP SERVICE WATER PUMP MOTOR (CH. A)	BD		E-361	
61000		P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61001					DD	1CP16A	E-356-8	
61002					DD	1CPL	E-356-1	
61003					DD	27121A	E-356-1	
61004					CC	27121A	E-347	
61005					UU	27121A	E-349-1	
61006					A	27121A	E-335	
61007					A	1CEB	E-335	
61008					E	1CEB	E-335, 342	
61009					DUCT	36082B*	E-337, 342	
61010					S	36082B	E-338	
61011					S	JB3607	E-338, 418	
61012					S	36082A	E-338, 418	
61013					S	1CGC	E-338, 418	
61014					S	36513A	E-338, 351-1	
61015					S	1CGZ	E-338, 351-1	
61016			1CAC107C	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61017					DD	1CP16A	E-356-8	
61018					DD	1CPL	E-356-6, 356-1	
61019					DD	27121A	E-356-6, 356-1	
61020					CC	27121A	E-347	
61021					UU	27121A	E-349-1	
61022					A	27121A	E-335	
61023					A	1CEB	E-335	
61024					E	1CEB	E-335, 342	
61025					DUCT	36082B*	E-337, 342	
61026					S	36082B	E-338	
61027					S	JB3607	E-338, 418	
61028					S	36082A	E-338, 418	
61029					S	1CGC	E-338, 418	
61030					S	36513A	E-338, 351-1	
61031					S	1CGZ	E-338, 351-1	
61032			1CAC107E	MP0031 CONTROL CIRCUIT	BF	36004G	E-361	
61033					BF	36004F	E-361	
61034					BF	JB3014	E-361	
61035					BF	36004E	E-361	
61036					BG	36004E (A)	E-361	
61037					DUCT	36004D*	E-326, 360	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61038	SWS	P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
61039					DUCT	36004C*	E-337, 342	
61040					S	36004B	E-337	
61041					S	36004A	E-351-1	
61042					S	36513A	E-338, 351-1	
61043					S	1CGZ	E-338, 351-1	
61044					FF	1CP63C	E-424	
61045					DD	1CP63C	E-424	
61046					DD	1CPL	E-356-6, 356-1	
61047					DD	27121A	E-356-6, 356-1	
61048					CC	27121A	E-347	
61049					UU	27121A	E-349-1	
61050					A	27121A	E-335	
61051					A	1CEB	E-335	
61052					E	1CEB	E-335, 342	
61053			DUCT	36082B*	E-337, 342			
61054			S	36082B	E-338			
61055			S	JB3607	E-338, 418			
61056			S	36082A	E-338, 418			
61057			S	1CGC	E-338, 418			
61058			S	36513A	E-338			
61059			S	1CGZ	E-338			
61060			R	36311A	E-338	14 D		
61061			S	36311A	E-338	14 D		
61062			S	1CGC	E-338	14 D		
61063			S	36513A	E-338	14 D		
61064			S	1CGZ	E-338	14 D		
61060A			1CAC107H	MP0031 CONTROL CIRCUIT AC107	S	36513A	E-338	A
61061A			S		1CGZ	E-338	A	
61062A			S		36517A	E-338	A	
61065			1PAC107A	MP0031 POWER CIRCUIT	BF	36005D	E-361	
61066					BG	36005D (A)	E-361	
61067					DUCT	36005C*	E-304, 360	
61068	MA	1PAM			E-304, 309			
61069	DUCT	36005B*			E-305, 307			
61070	S	36005A			E-337			
61071	S				E-338			
61078	S				E-338			
61072	R				E-338	D		
61077	FF				E-353			
61073	FF				E-353			
61074	S				E-338			
61075	BF				E-361			
61076	BF				E-361			
61100	P3-2	2CAD107B			MP0032 CONTROL CIRCUIT	DD	2CED	E-356-7
61101			A	2CED		E-335, 349-2		
61102			FF	2CP16C		E-356-8		
61103			DD	2CP16C		E-356-8		
61104			DD	2CPN		E-356-7		
61105			A	2CEE		E-335		
61106			F	2CEE		E-335		
61107			DUCT	36191B*		E-337, 342		
61108			Q	36191B		E-338		
61109			Q	JB3620		E-338, 418		
61110			Q	36191A		E-338, 418		
61111			Q	36713A		E-338		
61112			Q	2CGE		E-338		
61113			FF	2CP16C		E-356-8		
61114			DD	2CP16C		E-356-8		
61115			DD	2CPN	E-356-7			
61116			DD	2CED	E-356-7			
61117			A	2CED	E-335, 349-2			
61118			A	2CEE	E-335			
61119			F	2CEE	E-335			
61120			DUCT	36191B*	E-337, 342			
61121			Q	36191B	E-338			
61122			Q	JB3620	E-338, 418			
61123			Q	36191A	E-338, 418			
61124			Q	36713A	E-338			
61125			Q	2CGE	E-338			
61126			2CAD107E	MP0032 CONTROL CIRCUIT	BF	36104G	E-361	
61127					BF	JB3015	E-361	
61128					BF	36104F	E-361	
61129					BF	JB3023	E-361	
61130					BF	36104E	E-361	
61131					BG	36104E	E-361	
61132					DUCT	36104D*	E-304, 360	
61133	MA	2CAM	E-304, 309					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61134	SWS	P3-2	2CAD107E	MP0032 CONTROL CIRCUIT	DUCT	36104C*	E-305, 307	
61135					DUCT	36104B*	E-337, 342	
61136					Q	36104A	E-338	
61137					Q	36713A	E-338	
61138					Q	2CGE	E-338	
61139			2CAD107F	MP0032 CONTROL CIRCUIT	FF	2CP56C	E-424	
61140					DD	2CP56C	E-424	
61141					DD	2CPN	E-356-7	
61142					DD	2CED	E-356-7	
61143					A	2CED	E-335, 349-2	
61144					A	2CRE	E-335	
61145					F	2CRE	E-335	
61146					DUCT	36191B*	E-337, 342	
61147					Q	36191B	E-338	
61148					Q	JB3620	E-338, 418	
61149					Q	36191A	E-338, 418	
61150					Q	36713A	E-338	
61151					Q	2CGE	E-338	
61152			2CAD107G	MP0032 CONTROL CIRCUIT	R	36412A	E-338	14 D
61153					Q	36412A	E-338	14 D
61154					Q	36713A	E-338	14 D
61155					Q	2CGE	E-338	14 D
61152A			2CAD107H	MP0032 CONTROL CIRCUIT AD107	Q	36713A	E-338	A
61153A					Q	2CGE	E-338	A
61154A					Q	36717A	E-338	A
61156			2PAD107A	MP0032 POWER CIRCUIT	BF	36105D	E-361	
61157					BG	36105D	E-361	
61158					DUCT	36105C*	E-304, 360	
61159					MA	Exposed	E-304, 309	
61160					DUCT	36105B*	E-307, 305	
61161					Q	36105A	E-337	
61162			ACD5	MP0032 TRANSFER SWITCH (CH. 2)	R		E-338	D
61163			AD107	MP0032 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61168			AD109	MP033 CIRCUIT BREAKER (INTLK) (CH 2)	Q		E-338	
61167			C5716	MP0032 CONTROL RM PANEL	FF		E-356-8	
61164			C5756C	MP0032 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61165			MP0032	SERVICE WATER PUMP 2 (CH. 2)	BF		E-361	
61166			NP0032	MP0032 LOCAL CONTROLLER (CH. 2)	BF		E-361	
61200		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61201					DD	1CP16A	E-356-8	
61202					DD	27121A	E-356-6, 356-1	
61203					DD	1CPL	E-356-6, 356-1	
61204					CC	27121A	E-347	
61205					UU	27121A	E-349-1	
61206					A	27121A	E-335	
61207					A	1CEB	E-335	
61208					E	1CEB	E-335, 342	
61209					DUCT	36082B*	E-337, 342	
61210					S	36082B	E-338	
61211					S	JB3607	E-338	
61212					S	36082A	E-338, 418	
61213					S	1CGC	E-338, 418	
61214					S	36517A	E-338, 351-1	
61215					S	1CGZ	E-338, 351-1	
61216			1CAC109C	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61217					FF	1CP16A	E-356-8	
61218					DD	1CP16A	E-356-8	
61219					DD	1CPL	E-356-6, 356-1	
61220					DD	27121A	E-356-6, 356-1	
61221					CC	27121A	E-347	
61222					A	27121A	E-335	
61223					A	1CEB	E-335	
61224					E	1CEB	E-335, 342	
61225					DUCT	36082B*	E-337, 342	
61226					S	36082B	E-338	
61227					S	JB3607	E-338, 418	
61228					S	36082A	E-338, 418	
61229					S	1CGC	E-338, 418	
61230					S	36517A	E-338, 351-1	
61231					S	1CGZ	E-338, 351-1	
61232			1CAC109D	MP0033 CONTROL CIRCUIT	FF	1CP63D	E-424	
61233					DD	1CP63D	E-424	
61234					DD	1CPL	E-356-6, 356-1	
61235					DD	27121A	E-356-6, 356-1	
61236					CC	27121A	E-347	
61237					UU	27121A	E-349-1	
61238					A	27121A	E-335	
61239					A	1CEB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61240	SWS	P3-3	1CAC109D	MP0033 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61241					DUCT	36082B*	E-337, 342	
61242					S	36082B	E-338	
61243					S	JB3607	E-338, 418	
61244					S	36082A	E-338, 418	
61245					S	1CGC	E-338, 418	
61246					S	36517A	E-338, 351-1	
61247					S	1CGZ	E-338, 351-1	
61248			1CAC109E	MP0033 CONTROL CIRCUIT	R	36311A	E-338	14 D
61249					S	36311A	E-338	14 D
61250					S	1CGC	E-338	14 D
61251					S	36517A	E-338, 351-1	14 D
61252					S	1CGZ	E-338, 351-1	14 D
61253			1CAC109F	MP0033 CONTROL CIRCUIT	BF	36004G	E-361	
61254					BF	36004F	E-361	
61255					BF	JB3014	E-361	
61256					BF	36004E	E-361	
61257					BG	36004E	E-361	
61258					DUCT	36004D*	E-326, 360	
61259					MA	1CAM	E-304, 309	
61260					DUCT	36004C*	E-337, 342	
61261					S	36004B	E-337	
61262					S	36004A	E-351-1	
61263					S	36517A	E-338, 351-1	
61264					S	1CGZ	E-338, 351-1	
61265			1CAC109G	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61266					DD	1CP15A	E-356-8	
61267					DD	1CPL	E-356-6	
61268					DD	1CPM	E-356-6	
61269					DD	1CP16A	E-356-8	
61270					FF	1CP16A	E-356-8	
61271			1CACD4D	MP0033 CONTROL CIRCUIT	S	36517A	E-338, 351-1	
61272					S	1CGZ	E-338, 351-1	
61273					S	1CGC	E-338	
61274					R	36311A	E-338	
61275					R	36311A	E-338	
61276			1CACD4E	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61277					DD	1CP15A	E-356-8	
61278					DD	1CPL	E-356-6, 356-1	
61279					DD	27121A	E-356-6, 356-1	
61280					CC	27121A	E-347	
61281					UU	27121A	E-349-1	
61282					A	27121A	E-335	
61283					A	1CEB	E-335	
61284					E	1CEB	E-335, 342	
61285					DUCT	36079B*	E-337, 342	
61286					S	36079B	E-338	
61287					S	JB3607	E-338, 418	
61288					S	36079A	E-338, 418	
61289					S	1CGC	E-338, 418	
61290					S	36517A	E-338, 351-1	
61291					S	1CGZ	E-338, 351-1	
61248A			1CACD4F	MP0033 CONTROL CIRCUIT	R	36311A	E-338	A
61249A					S	36311A	E-338	A
61250A					S	1CGC	E-338	A
61251A					S	36517A	E-338, 351-1	A
61252A					S	1CGZ	E-338, 351-1	A
61292			1PAC109A	MP0033 POWER CIRCUIT	R	36308A	E-338	
61293					S	36308A	E-338	
61381A			1PD1P08A	CONTROL POWER TO TRANSFER SWGR 4-ACD4	R	46198B	E-338	
61381B					R	46198A	E-338	
61381C					S	46198A	E-338	
61381D					Y	46198A	E-338	
61294			2CACD5D	MP0033 CONTROL CIRCUIT	Q	36717A	E-351-2	
61295					Q	2CGE	E-338	
61296					Q	36412A	E-338	
61297					R	36412A	E-338	
61298			2CACD5E	MP0033 CONTROL CIRCUIT	DD	2CPP	E-356-7	
61299					DD	2CEA	E-356-7	
61300					A	2CEA	E-335, 349-2	
61301					A	2CEB	E-335	
61302					FF	2CP15C	E-356-8	
61303					DD	2CP15C	E-356-8	
61304					DD	2CPN	E-356-7	
61305					A	2CEC	E-335	
61306					F	2CEC	E-335	
61307					DUCT	36192B*	E-337, 342	
61308					Q	36192B	E-338	
61309					Q	JB3620	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
61310	SWS	P3-3	2CACD5E	MP0033 CONTROL CIRCUIT	Q	36192A	E-338, 418	
61311					Q	36717A	E-351-2, 338	
61312					Q	2CGE	E-351-2, 338	
61352A			2CACD5F	MP0033 CONTROL CIRCUIT	R	36412A	E-338	A
61353A					Q	36412A	E-338	A
61354A					Q	2CGE	E-338, 351-2	A
61355A					Q	36717A	E-338, 351-2	A
61313			2CAD109B	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61314					DD	2CP16C	E-356-8	
61315					DD	2CPN	E-356-7	
61316					DD	2CED	E-356-7	
61317					A	2CED	E-335, 349-2	
61318					A	2CEE	E-335	
61319					F	2CEE	E-335	
61320					DUCT	36191B*	E-337, 342	
61321					Q	36191B	E-338	
61322					Q	JB3620	E-338, 418	
61323					Q	36191A	E-338, 418	
61324					Q	36717A	E-338, 351-2	
61325					Q	2CGE	E-338, 351-2	
61326			2CAD109C	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61327					DD	2CP16C	E-356-8	
61328					DD	2CPN	E-356-7	
61329					DD	2CED	E-356-7	
61330					A	2CED	E-335, 349-2	
61331					A	2CEE	E-335	
61332					F	2CEE	E-335	
61333					DUCT	36191B*	E-337, 342	
61334					Q	36191B	E-338	
61335					Q	JB3620	E-338, 418	
61336					Q	36191A	E-338, 418	
61337					Q	36717A	E-338, 351-2	
61338					Q	2CGE	E-338, 351-2	
61339			2CAD109D	MP0033 CONTROL CIRCUIT	FF	2CP56D	E-424	
61340					DD	2CP56D	E-424	
61341					DD	2CPN	E-356-7	
61342					DD	2CED	E-356-7	
61343					A	2CED	E-335, 349-2	
61344					A	2CEE	E-335	
61345					F	2CEE	E-335	
61346					DUCT	36191B*	E-337, 342	
61347					Q	36191B	E-338	
61348					Q	JB3620	E-338, 418	
61349					Q	36191A	E-338, 418	
61350					Q	36717A	E-338, 351-2	
61351					Q	2CGE	E-338, 351-2	
61352			2CAD109E	MP0033 CONTROL CIRCUIT	R	36412A	E-338	14 D
61353					Q	36412A	E-338	14 D
61354					Q	36717A	E-338, 351-2	14 D
61355					Q	2CGE	E-338, 351-2	14 D
61356			2CAD109F	MP0033 CONTROL CIRCUIT	BF	36104G	E-361	
61357					BF	JB3015	E-361	
61358					BF	36104F	E-361	
61359					BF	JB3023	E-361	
61360					BF	36104E	E-361	
61361					BG	36104E	E-361	
61362					DUCT	36104D*	E-304, 360	
61363					MA	2CAM	E-304, 309	
61364					DUCT	36104C*	E-307, 305	
61365					DUCT	36104B*	E-337, 342	
61366					Q	36104A	E-338	
61367					Q	36717A	E-338	
61368					Q	2CGE	E-338	
61369			2CAD109G	MP0033 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
61370					DD	2CP15C	E-356-8	
61371					DD	2CPN	E-356-7	
61372					DD	2CP16C	E-356-8	
61373					FF	2CP16C	E-356-8	
61374			2PAD109A	MP0033 POWER CIRCUIT	R	36408A	E-338	
61375					Q	36408A	E-338	
61381E			2PD2P08A	CONTROL POWER TO TRANSFER SWGR 5-ACD5	R	36342C	E-338	
61381F					R	36342A	E-338	
61381G					Q	36342A	E-338	
61381H					Q	JB3640	E-338	
61381I					Q	46823B	E-338	
61381J					X	46823B	E-346	
61379			3PACD06A	MP0033 POWER CIRCUIT	MA	3PAM	E-304, 309	
61376			3PACD6A	MP0033 POWER CIRCUIT	BF	36201D	E-361	
61377					BG	36201D	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61378	SWS	P3-3	3PACD6A	MP0033 POWER CIRCUIT	DUCT	36201C*	E-304, 360	
61380					DUCT	36201B*	E-307, 305	
61381					R	36201A	E-337	
61382			AC109	MP0033 CIRCUIT BREAKER (CH. 1)	S		E-338	
61383			ACD4	MP0033 TRANSFER SWITCH (CH. 1)	R		E-338	
61384			ACD5	MP0033 TRANSFER SWITCH (CH. 2)	R		E-338	
61385			ACD6	MP0033 TRANSFER SWITCH (CH. 3)	R		E-338	
61386			AD109	MP0033 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61387			C5715	MP0033 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61394			C5716	MP0033 CONTROL CIRCUIT	FF		E-353	
61388			C5756D	MP0033 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61389			C5763D	MP0033 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61390			DS1-CD9	MP0033 DISCONNECT SWITCH (CH.1/2)	S		E-338	
61391			MP0033	SERVICE WATER PUMP 3 (CH. 1/2)	BF		E-361	
61392			NP0033-1	MP0033 LOCAL CONTROLLER (CH. 1)	BF		E-361	
61393			NP0033-2	MP0033 LOCAL CONTROLLER (CH. 2)	BF		E-361	
61403		SW1356	1CV1356B	SV1356 CONTROL CIRCUIT	A	37800D	E-349-2	
61404					A	JB3725	E-349-2	
61405					A	37800B	E-349-2	
61406			1CV1356C	SV1356 CONTROL CIRCUIT	A	Flex	E-349-2	
61407					A	JB3710	E-349-2	
61408					A	37800E	E-349-2	
61409			1CV1356D	SV1356 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61410					DD	1CP16A	E-356-8	
61411					DD	1CPL	E-356-6	
61412					CC	1CJL	E-347	
61413					U	1CJL	E-349-3	
61414					V	1CJL	E-349-3	
61415					A	37805C	E-349-2	
61416			1CV1356E	SV1356 CONTROL CIRCUIT	Y	46548A	E-346	
61417					Y	1CKA	E-346	
61418					Y	1CKD	E-346	
61419					Y	46051B*	E-343, 344, 355	
61419A					X	46051B*	E-343, 344, 355	
61419B					DF	46051B*	E-343, 344, 355	
61419C					A	46051B*	E-343, 344, 355	
61419D					DD	46051B*	E-343, 344, 355	
61420					DD	46051A	E-356-1	
61421					DD	1CJL	E-356-1	
61422					DD	1CPL	E-356-6	
61423					DD	1CJL	E-356-6	
61424					CC	1CJL	E-347	
61425					U	1CJL	E-349-3	
61426					V	1CJL	E-349-3	
61427					V	37805C	E-349-3	
61428					A	37805C	E-349-2	
61429			1CV1356F	SV1356 CONTROL CIRCUIT	A	37800G	E-349-2	
61430					A	JB3725	E-349-2	
61431					A	37800B	E-349-2	
61436			C5716	SV1356 CONTROL ROOM PANEL	FF		E-356-8	
61432			NV1356	SV1356 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
61433			RC3701	SV1356 RELAY CABINET (CH. 1)	A		E-349-2	
61435			SV1356B	CTMT AIR CLR 1 OUT ISO VLV SOLENOID	A		E-349-2	
61503		SW1357	2CV1357B	SV1357 CONTROL CIRCUIT	A	37802D	E-349-2	
61504					A	JB3726	E-349-2	
61505					A	37802B	E-349-2	
61506			2CV1357C	SV1357 CONTROL CIRCUIT	A	37804C	E-349-2	
61507			2CV1357D	SV1357 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61508					DD	2CP16C	E-356-8	
61509					DD	2CPN	E-356-7	
61510					DD	2CPP	E-356-7	
61511					DD	2CEA	E-356-7	
61512					A	2CEA	E-349-2	
61513					A	37806A	E-349-2	
61514					A	37806A	E-349-2	
61515					A	37802A	E-349-2	
61516			2CV1357E	SV1357 CONTROL CIRCUIT	X	46743A	E-346	
61517					X	46892A	E-346	
61518					X	2CKM	E-346	
61519					X	2CKL	E-346	
61520					X	36729A	E-346	
61521					Q	36729A	E-338	
61522					Q	36192A	E-338, 418	
61523					Q	2CGE	E-338, 418	
61524					Q	JB3620	E-338, 418	
61525					Q	36192B	E-338	
61526					DUCT	36192B*	E-337, 342	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61527	SWS	SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	F	2CEC	E-335	
61528					A	2CEC	E-335	
61529					A	2CEB	E-335	
61530					A	2CEA	E-335, 349-2	
61531					A	37806B	E-335, 349-2	
61532					A	37806B	E-349-2	
61533			2CV1357F	SV1357 CONTROL CIRCUIT	A	37802F	E-349-2	
61534					A	JB3726	E-349-2	
61535					A	37802B	E-349-2	
61540			C5716	SC1357 CONTROL ROOM PANEL	FF		E-356-8	
61536			NV1357	SV1357 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
61537			RC1702	SV1357 RELAY CABINET (CH. 2)	A		E-349-2	
61539			SV1357B	CTMT AIR CLR 2 OUT ISO VLV SOLENOID	A		E-349-2	
61600		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	Y	46547A	E-346	
61601					Y	1CKA	E-346	
61602					Y	1CKD	E-346	
61603					Y	46051B*	E-343, 344, 355	
61603A					X	46051B*	E-343, 344, 355	
61603B					DF	46051B*	E-343, 344, 355	
61603C					A	46051B*	E-343, 344, 355	
61603D					DD	46051B*	E-343, 344, 355	
61604					DD	46051A	E-356-1	
61605					DD	1CPL	E-356-1	
61606					DD	1CJL	E-356-6	
61607					CC	1CJL	E-347	
61608					U	1CJL	E-349-3	
61609					V	1CJL	E-349-3	
61610					V	37805C	E-349-3	
61611					A	37805C	E-349-2	
61612			1CV1358AH	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61613					Y	46521A	E-346	
61614					Y	1CKA	E-346	
61615					Y	1CKD	E-346	
61616					Y	46056B*	E-343, 344, 356-1	
61616A					X	46056B*	E-343, 344, 355	
61616B					DF	46056B*	E-343, 344, 355	
61616C					A	46056B*	E-343, 344, 355	
61616D					DD	46056B*	E-343, 344, 355	
61617					DD	46056A	E-356-1	
61618					DD	1CPM	E-356-1	
61619					DD	1CPT	E-356-6	
61620					DD	1CPL	E-356-6	
61621					DD	1CJL	E-356-6	
61622					CC	1CJL	E-347	
61623					U	1CJL	E-349-3	
61624					V	1CJL	E-349-3	
61625					V	37805A	E-349-3	
61626					A	37805A	E-349-2	
61627					A	37800A	E-349-2	
61628			1CV1358AI	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61629					DD	1CP16A	E-356-8	
61630					DD	1CPL	E-356-6	
61631					CC	1CJL	E-347	
61632					U	1CJL	E-349-3	
61633					V	1CJL	E-349-3	
61634					A	37805C	E-349-2	
61635			1CV1358AJ	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61636					Y	46521A	E-346	
61637					Y	1CKA	E-346	
61638					Y	1CKD	E-346	
61639					Y	46058B*	E-343, 344, 356-1	
61639A					X	46058B*	E-343, 344, 356-1	
61639B					DF	46058B*	E-343, 344, 355	
61639C					A	46058B*	E-343, 344, 355	
61639D					DD	46058B*	E-343, 344, 355	
61640					DD	46058A	E-356-1	
61641					DD	1CJL	E-356-1	
61642					DD	1CPT	E-356-6	
61643					DD	1CPL	E-356-6	
61644					DD	1CJL	E-356-6	
61645					CC	1CJL	E-347	
61646					U	1CJL	E-349-3	
61647					V	1CJL	E-349-3	
61648					A	37805C	E-349-2	
61649			1CV1358AK	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61650					DD	1CP16A	E-356-8	
61651					DD	1CPL	E-356-6	
61652					DD	1CJM	E-356-6	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
61653	SWS	SW1358	1CV1358AK	SV1358 CONTROL CIRCUIT	CC	1CJM	E-347	
61654					U	1CJM	E-349-3	
61655					U	37137A	E-349-3	
61656					A	37137A	E-349-2	
61657					A	JB3725	E-349-2	
61658					A	Nipple	E-349-2	
61659			1CV1358AL	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61660					DD	1CP16A	E-356-8	
61661					DD	1CPL	E-356-6	
61662					DD	1CJM	E-356-6	
61663					CC	1CJM	E-347	
61664					U	1CJM	E-349-3	
61665					U	37137A	E-349-3	
61666					A	37137B	E-349-2	
61667			2CV1358BG	SV1358 CONTROL CIRCUIT	X	46743A	E-346	
61668					X	2CKM	E-346	
61669					DF	2CKM	E-346, 347	
61670					DD	2CKM	E-356-7	
61671					DD	2CPN	E-356-7	
61672					DD	2CPP	E-356-7	
61673					DD	2CEA	E-356-7	
61674					A	2CEA	E-349-2	
61675					A	37806A	E-349-2	
61676					A	37806A	E-349-2	
61677					A	37802A	E-349-2	
61678			2CV1358BH	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61679					Y	46072A*	E-344, 343	
61679A					S	46072A*	E-343, 344	
61679B					Y	46072A*	E-343, 344	
61679C					X	46072A*	E-343, 344	
61679D					Q	46072A*	E-343, 344	
61679E					R	46072A*	E-343, 344	
61679F					P	46072A*	E-343, 344	
61679G					A	46072A*	E-343, 344	
61679H					DF	46072A*	E-343, 344	
61680					DF	46072B	E-347	
61681					DF	2CKM	E-347	
61682					DD	2CKM	E-356-7	
61683					DD	2CPN	E-356-7	
61684					DD	2CPP	E-356-7	
61685					DD	2CEA	E-356-7	
61686					A	2CEA	E-349-2	
61687					A	37806B	E-349-2	
61688					A	37806B	E-349-2	
61689			2CV1358BI	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61690					DD	2CP16C	E-356-8	
61691					DD	2CPN	E-356-7	
61692					DD	2CPP	E-356-7	
61693					DD	2CEA	E-356-7	
61694					A	2CEA	E-349-2	
61695					A	37806A	E-349-2	
61696					A	37806A	E-349-2	
61697					A	37802A	E-349-2	
61698			2CV1358BJ	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61699					Y	46072A*	E-343, 344	
61699A					S	46072A*	E-343, 344	
61699B					Y	46072A*	E-343, 344	
61699C					X	46072A*	E-343, 344	
61699D					Q	46072A*	E-343, 344	
61699E					R	46072A*	E-343, 344	
61699F					P	46072A*	E-343, 344	
61699G					A	46072A*	E-343, 344	
61699H					DF	46072A*	E-343, 344	
61700					DF	46072B	E-347	
61701					DF	2CKM	E-347	
61702					DD	2CKM	E-356-7	
61703					DD	2CPR	E-356-7	
61704					DD	2CLA	E-356-7	
61705					DD	2CEA	E-356-7	
61706					A	2CEA	E-349-2	
61707					A	37806A	E-349-2	
61708					A	37806A	E-349-2	
61709					A	37802A	E-349-2	
61710			2CV1358BK	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61711					DD	2CP16C	E-356-8	
61712					DD	2CPN	E-356-7	
61713					DD	2CED	E-356-7	
61714					A	2CEG	E-356-7	
61715					A	2CEG	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
61716	SWS	SW1358	2CV1358BK	SV1358 CONTROL CIRCUIT	A	37138A	E-349-2	
61717					A	37138A	E-349-2	
61718					A	JB3726	E-349-2	
61719					A	Nipple	E-349-2	
61720			2CV1358BL	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61721					DD	2CP16C	E-356-8	
61722					DD	2CPN	E-356-7	
61723					DD	2CED	E-356-7	
61724					A	2CEG	E-356-7	
61725					A	2CEG	E-349-2	
61726					A	37138A	E-349-2	
61727					A	37138A	E-349-2	
61728					A	JB3726	E-349-2	
61729					A	37138B	E-349-2	
61733			3CV1358AB	SV1358 CONTROL CIRCUIT	A	37801F	E-349-2	
61734					A	JB3727	E-349-2	
61735					A	37801B	E-349-2	
61736			3CV1358AD	SV1358 CONTROL CIRCUIT	A	Flex	E-349-2	
61737					A	JB3711	E-349-2	
61738					A	37801G	E-349-2	
61739			3CV1358AE	SV1358 CONTROL CIRCUIT	A	37801A	E-349-2	
61748			BE1501	CAC FAN 3 STARTER	Y		E-346	
61750			BEF15	480 V MCC FOR ESSENTIAL EQUIPMENT	Y		E-351-1	
61749			BF1501	CAC FAN 3 STARTER	X		E-346	
61740			C5716	SV1358 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61741			NV1358	SV1358 LOCAL CONTROLLER	A		E-349-2	
61742			NV1358A	SV1358 LOCAL CONTROLLER	A		E-349-2	
61743			NV1358B	SV1358 LOCAL CONTROLLER	A		E-349-2	
61744			RC3701	SV1358 RELAY CABINET	A		E-349-2	
61745			RC3702	SV1358 RELAY CABINET	A		E-349-2	
61747			SV1358B	CTMT AIR CLR 3 OUT ISO VLV SOLENOID	A		E-349-2	
61800		SW1366	1CBE1142B	MV1366 CONTROL CIRCUIT	A	37803A	E-349-2	
61801					A	37805A	E-349-2	
61802					V	37805A	E-350, 349-3	
61803					V	1CJL	E-350, 349-3	
61804					V	1CJR	E-350	
61805					V	38510B	E-350	
61806					V	JB3805	E-350	
61807			1CBE1142C	MV1366 CONTROL CIRCUIT	A	37803B	E-349-2	
61808			1CBE1142D	MV1366 CONTROL CIRCUIT	A	Nipple	E-349-2	
61809			1CBE1142E	MV1366 CONTROL CIRCUIT	V	38558A	E-350	
61810					V	1CJM	E-350	
61811					V	1CJR	E-350	
61812					V	38351A	E-350	
61813					V	JB3805	E-350	
61814			1CBE1142F	MV1366 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61815					DD	1CP16A	E-356-8	
61816					DD	1CPL	E-356-6	
61817					DD	1CJL	E-356-6	
61818					CC	1CJL	E-347	
61819					U	1CJL	E-349-2	
61820					V	1CJL	E-350	
61821					V	38557A	E-350	
61822			1CBE1142G	MV1366 CONTROL CIRCUIT	Y	46548A	E-346	
61823					Y	1CKA	E-346	
61824					Y	1CKD	E-346	
61825					Y	46055B*	E-343, 344, 355	
61825A					X	46055B*	E-343, 344, 355	
61825B					DF	46055B*	E-343, 344, 355	
61825C					A	46055B*	E-343, 344, 355	
61825D					DD	46055B*	E-343, 344, 355	
61826					DD	46055A	E-356-1, 356-6	
61827					DD	1CPL	E-356-1, 356-6	
61828					DD	1CJM	E-356-6	
61829					CC	1CJM	E-347	
61830					U	1CJM	E-349-3	
61831					V	1CJM	E-350, 349-3	
61832					V	1CJR	E-350	
61833					V	38351A	E-350	
61834					V	JB3805	E-350	
61834A			1CBE1142H	MV1366 CONTROL CIRCUIT	V	1CJS	E-350	
61834B					V	JB3805	E-350	
61834C					V	38510B	E-349-3, 350	
61834D					V	1CJL	E-349-3	
61834E					U	1CJL	E-349-3	
61834F					CC	1CJL	E-347	
61834G					CC	47250A	E-347	
61834H					V	47250A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61834I	SWS	SW1366	1CBE1142H	MV1366 CONTROL CIRCUIT	V	1CLA	E-347, 348	
61834J					V	48102A	E-348	
61834K					V	JB4855	E-348	
61834L			1CBE1142J	MV1366 CONTROL CIRCUIT	V	JB4855	E-348	
61834M					V	48102B	E-348, 411	
61834N					DG	48102B	E-348, 411	
61835			1PBE1142A	MV1366 POWER CIRCUIT	A	38090A	E-349-2	
61836					V	38090A	E-350, 349-3	
61837			BE1142	MV1366 CIRCUIT BREAKER (CH. 1)	V		E-350	
61843			BE1401	CAC FAN 1 STARTER	Y		E-346	
61838			C5716	MV1366 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61839			CDE-11C	MV1366 DISCONNECT SWITCH (CH. 1)	V		E-350	
61840			EV1366	MV1366 TERMINAL BOX (CH. 1)	A		E-349-2	
61840A			EV13660A	MV1366 LOCAL CONTROL PANEL (CH. 1)	DG		E-348	
61841			MV1366	CTMT AIR CLR 1-1 INLET ISO VLV (CH. 1)	A		E-349-2	
61842			NV1366	MV1366 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
61900		SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	A	37804A	E-349-2	
61901					A	37806A	E-349-2	
61902					A	37806A	E-349-2	
61903					A	2CEA	E-349-2	
61904					DD	2CEA	E-356-7	
61905					DD	2CPP	E-356-7	
61906					DD	2CPN	E-356-7	
61907					DD	2CKM	E-356-7	
61908					DF	2CKM	E-346, 347	
61909					X	2CKM	E-346	
61910					X	46741A	E-346	
61911			2CBF1223C	MV1367 CONTROL CIRCUIT	A	37804B	E-349-2	
61912			2CBF1223D	MV1367 CONTROL CIRCUIT	A	Nipple	E-349-2	
61913			2CBF1223E	MV1367 CONTROL CIRCUIT	X	46361A	E-346	
61914					X	46741B	E-346	
61915					X	2CKM	E-346	
61916			2CBF1223F	MV1367 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61917					DD	2CP16C	E-356-8	
61918					DD	2CPN	E-356-7	
61919					DD	2CKM	E-356-7	
61920					DF	2CKM	E-346, 347	
61921					X	2CKM	E-346	
61922					X	46362A	E-346	
61923			2CBF1223G	MV1367 CONTROL CIRCUIT	X	46742A	E-346	
61924					X	46741A	E-346	
61925					X	2CKM	E-346	
61925A			2CBF1223H	MV1367 CONTROL CIRCUIT	X	46970A	E-346	
61926			2PBF1223A	MV1367 POWER CIRCUIT	A	46147A	E-349-2	
61927					Q	46147A	E-338	
61928					R	46147A	E-338	
61929					P	46147A	E-338	
61930					X	46147A	E-346	
61931			BF1223	MV1367 CIRCUIT BREAKER (CH. 2)	X		E-346	
61937			BF1401	CAC FAN 2 STARTER	X		E-346	
61932			C5716	MV1367 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61933			CDP-12A-1	MV1367 DISCONNECT SWITCH (CH. 2)	X		E-346	
61934			EV1367	MV1367 TERMINAL BOX (CH. 2)	A		E-349-2	
61934A			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
61935			MV1367	CTMT AIR CLR 1-2 INLET ISO VLV (CH. 2)	A		E-349-2	
61936			NV1367	MV1367 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62000		SW1368	1CBE1207B	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62001					Y	46521A	E-346	
62002					Y	46545A	E-346	
62003					Y	1CKA	E-346	
62004			1CBE1207C	MV1368 CONTROL CIRCUIT	Y	46547A	E-346	
62005					Y	46547A	E-346	
62006					Y	46545A	E-346	
62007					Y	1CKA	E-346	
62008			1CBE1207D	MV1368 CONTROL CIRCUIT	Y	46261A	E-346	
62009					Y	46545A	E-346	
62010					Y	1CKA	E-346	
62011			1CBE1207E	MV1368 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
62012					DD	1CP16A	E-356-8	
62013					DD	1CPL	E-356-1, 356-6	
62014					DD	46053A	E-356-1, 356-6	
62015					DD	46053B*	E-355	
62015A					A	46053B*	E-355	
62015B					DF	46053B*	E-343, 344	
62015C					X	46053B*	E-343	
62016					Y	46053B	E-343	
62017					Y	1CKD	E-343	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62018	SWS	SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	Y	1CKA	E-346	
62019					Y	46262A	E-346	
62020			1CBE1207F	MV1368 CONTROL CIRCUIT	A	37800A	E-349-2	
62021					A	37805A	E-349-2	
62022					V	37805A	E-349-3	
62023					V	1CJL	E-349-3	
62024					U	1CJL	E-349-3	
62025					CC	1CJL	E-347	
62026					DD	1CJL	E-356-6	
62027					DD	1CPL	E-356-1, 356-6	
62028					DD	46053A	E-356-1, 356-6	
62029					DD	46053B*	E-343, 344, 356-1	
62029A					A	46053B*	E-343, 344, 355	
62029B					DF	46053B*	E-343, 344, 355	
62029C					X	46053B*	E-343, 344, 355	
62029D					Y	46053B*	E-343, 344, 355	
62030					Y	46053B	E-343	
62031					Y	1CKD	E-343	
62032					Y	1CKA	E-346	
62033					Y	46545A	E-346	
62034			1CBE1207G	MV1368 CONTROL CIRCUIT	A	37801H	E-349-2	
62035			1CBE1207J	MV1368 CONTROL CIRCUIT	A	37801C	E-349-2	
62036			1CBE1207K	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62037					Y	46521A	E-346	
62038					Y	1CKA	E-346	
62039					Y	46545A	E-346	
62039A			1CBE1207L	MV1368 CONTROL CIRCUIT	Y	46970C	E-346	
62039B					Y	1CKA	E-346	
62039C					Y	1CKD	E-346	
62039D					Y	46970D	E-346	
62040			1PBE1207A	MV1368 POWER CIRCUIT	Y	46490A	E-346	
62041					Y	46490A	E-346	
62042			2CBF1224B	MV1368 CONTROL CIRCUIT	Y	46072A	E-343	
62043					Y	46072A*	E-343, 344	
62043A					S	46072A*	E-343, 344	
62043B					Y	46072A*	E-343, 344	
62043C					X	46072A*	E-343, 344	
62043D					Q	46072A*	E-343, 344	
62043E					R	46072A*	E-343, 344	
62043F					P	46072A*	E-343, 344	
62043G					A	46072A*	E-343, 344	
62043H					DF	46072A*	E-343, 344	
62044					DF	46072B	E-347	
62045					DF	2CKM	E-347	
62046					X	2CKM	E-346	
62047					X	46739A	E-346	
62048			2CBF1224C	MV1368 CONTROL CIRCUIT	X	46743A	E-346	
62049					X	2CKM	E-346	
62050					X	46739A	E-346	
62051			2CBF1224D	MV1368 CONTROL CIRCUIT	X	46362A	E-346	
62052					X	2CKM	E-346	
62053					X	46739A	E-346	
62054			2CBF1224E	MV1368 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
62055					DD	2CP16C	E-356-8	
62056					DD	2CPN	E-356-7	
62057					DD	2CKM	E-356-7	
62058					DF	2CKM	E-346, 347	
62059					X	2CKM	E-346	
62060					X	46361A	E-346	
62061			2CBF1224F	MV1368 CONTROL CIRCUIT	A	37802A	E-349-2	
62062					A	37806A	E-349-2	
62063					A	37806A	E-349-2	
62064					A	2CEA	E-349-2	
62065					DD	2CEA	E-356-7	
62066					DD	2CPP	E-356-7	
62067					DD	2CPN	E-356-7	
62068					DD	2CKM	E-356-7	
62069					DF	2CKM	E-346, 347	
62070					X	2CKM	E-346	
62071					X	46739A	E-346	
62072			2CBF1224G	MV1368 CONTROL CIRCUIT	A	37804D	E-349-2	
62073			2CBF1224J	MV1368 CONTROL CIRCUIT	A	36808A	E-349-2	
62074			2CBF1224K	MV1368 CONTROL CIRCUIT	Y	46173A	E-346	
62075					X	46173A	E-346	
62075A			2CBF1224L	MV1368 CONTROL CIRCUIT	X	46970B	E-346	
62076			2PBF1224A	MV1368 POWER CIRCUIT	Y	46536A	E-346	
62077					S	46536A	E-338	
62078					Q	46536A	E-338, 351-2	
62079					X	46536A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62080	SWS	SW1368	3PB1207H	MV1368 POWER CIRCUIT	A	46075B	E-349-2	
62081					Y	46075A	E-346, 351-1	
62082			BE1207	MV1368 CIRCUIT BREAKER (CH 1)	Y		E-346	
62092			BE1501	CAC FAN 3 STARTER	Y		E-346	
62094			BEF128	MCC EF12 BREAKER FROM E12A	Y		E-346, 351-1	
62095			BEF129	MCC EF12 BREAKER FROM F12A	Y		E-346, 351-1	
62083			BF1224	MV1368 CIRCUIT BREAKER (CH. 2)	X		E-346	
62093			BF1501	CAC FAN 3 STARTER	X		E-346	
62084			C5716	MV1368 CONTROL ROOM PANEL (CH.1/2)	FF		E-353	
62085			CDE-12A-1	MV1368 DISCONNECT SWITCH (CH. 1)	Y		E-346	
62086			CDP-12A-1	MV1368 DISCONNECT SWITCH (CH. 2)	X		E-346	
62086A			EV13680A	MV1368 LOCAL CONTROL PANEL (CH. 1)	Y		E-346	
62086B			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
62087			MV1368	CTMT AIR CLR 1-3 INLET ISO VLV	A		E-349-2	
62088			NV1368A	MV1368 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
62089			NV1368B	MV1368 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62090			RC3701	MV1368 RELAY CABINET (CH. 1)	A		E-349-2	
62091			RC3702	MV1368 RELAY CABINET (CH. 2)	A		E-349-2	
62400		SW1382	1CBE1218B	MV1382 CONTROL CIRCUIT	E	27269A	E-335	
62401					E	1CEB	E-335	
62402					DUCT	36079B*	E-337, 342	
62403					S	36079B	E-338	
62404					S	JB3607	E-338, 418	
62405					S	36079A	E-338, 418	
62406					S	1CGC	E-338	
62407					S	36356A	E-338	
62408					Y	36356A	E-346	
62409					Y	46546A	E-346	
62410					Y	1CKA	E-346	
62411			1CBE1218C	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62412			1CBE1218D	MV1382 CONTROL CIRCUIT	E	Nipple	E-335, 418	
62413			1CBE1218E	MV1382 CONTROL CIRCUIT	Y	46261A	E-346	
62414					Y	1CKA	E-346	
62415					Y	46546A	E-346	
62416			1CBE1218F	MV1382 CONTROL CIRCUIT	FF	UNSCHED	E-356	
62417					DD	1CPM	E-356	
62418					DD	1CPL	E-356-6, 356-9	
62419					CC	27120A	E-347	
62420					UU	27120A	E-349-1	
62421					A	27120A	E-335	
62422					A	1CEB	E-335	
62423					E	1CEB	E-335	
62424					DUCT	36082B*	E-337, 342	
62425					S	36082B	E-338	
62426					S	JB3607	E-338, 418	
62427					S	36082A	E-338, 418	
62428					S	1CGC	E-338	
62429					S	36356A	E-338	
62430					Y	36356A	E-346	
62431					Y	1CKA	E-346	
62432					Y	46260A	E-346	
62433			1CBE1218G	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62434					S	36142A	E-338	
62435					S	1CGC	E-338	
62436					S	36357A	E-338	
62437					Y	36357A	E-346	
62438					Y	1CKA	E-346	
62439					Y	46260A	E-346	
62440			1CBE1218H	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62441					A	27572A	E-335	
62442					A	1CEB	E-335	
62443					E	1CEB	E-335	
62444					DUCT	36085B*	E-337, 342	
62445					S	36085B	E-338	
62446					S	JB3607	E-338, 418	
62447					S	36085A	E-338, 418	
62448					S	1CGC	E-338	
62449					S	36357C	E-338	
62450					Y	36357C	E-346	
62451					Y	1CKA	E-346	
62452					Y	46543A	E-346	
62453			1CBE1218I	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62454					A	27572A	E-335	
62455					A	1CEB	E-335	
62456					E	1CEB	E-335	
62457					DUCT	36085B*	E-337, 342	
62458					S	36085B	E-338	
62459					S	JB3607	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62460	SWS	SW1382	1CBEL218I	MV1382 CONTROL CIRCUIT	S	36085A	E-338, 418	
62461					S	1CGC	E-338	
62462					S	36357C	E-338	
62463					Y	36357C	E-346	
62464					Y	1CKA	E-346	
62465					Y	46260A	E-346	
62466			1CPS4928C	MV1382 CONTROL CIRCUIT	E	27263B	E-335	
62467					E	27263A	E-335	
62468					E	1CEC	E-335	
62469					A	1CEC	E-335	
62470					A	27226A	E-335	
62471					A	1CEB	E-335	
62472					A	27572A	E-335	
62473					G	27572A	E-335	
62474			1CPS4928D	MV1382 CONTROL CIRCUIT	E	27263C	E-335	
62475					E	27263A	E-335	
62476					E	1CEC	E-335	
62477					A	1CEB	E-335	
62478					A	27572A	E-335	
62479					G	27572A	E-335	
62480			1CPS4928E	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62481					E	1CEB	E-335	
62482					A	1CEB	E-335	
62483					A	27572A	E-335	
62484					G	27572A	E-335	
62490			1CSD03A	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62491					S	36142A	E-338	
62492					S	1CGC	E-338	
62493					S	36356A	E-338	
62494					Y	36356A	E-346	
62495					Y	1CKA	E-346	
62496					Y	46261A	E-346	
62497			1PBE1218A	MV1382 POWER CIRCUIT	E	27268A	E-335	
62498					E	JB2754	E-335	
62499					E	36092C	E-335	
62500					E	JB2764	E-335	
62501					E	36092B	E-335, 342	
62502					DUCT	36092B*	E-337	
62503					S	36092B	E-338	
62504					S	JB3607	E-338, 418	
62505					S	36092A	E-338, 418	
62506					Y	36092A	E-351-1	
62507					Y	JB4601	E-346	
62508					Y	46533A	E-346	
62509			BE1218	MV1382 CIRCUIT BREAKER (CH. 1)	Y		E-346	
62510			C3630	MV1382 AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
62511			C5706	MV1382 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
62512			CDE-11D	MV1382 DISCONNECT SWITCH (CH. 1)	G		E-335	
62513			CDE-12A-1	MV1382 DISCONNECT SWITCH (CH. 1)	Y		E-346	
62514			EV1382	MV1382 TERMINAL BOX (CH. 1)	E		E-335, 418	
62515			FPSL4928A	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62516			FPSL4928B	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62519			JT5721	MV1382 TERMINAL BOX	DD		E-356	
62517			MV1382	AUX FEEDPUMP 1-1 SUCTION VALVE (CH. 1)	E		E-335	
62518			NV1382	MV1382 LOCAL CONTROLLER (CH. 1)	E		E-335, 418	
62600		SW1383	2CBF1177B	MV1383 CONTROL CIRCUIT	A	47426A	E-335	
62601					A	2CEH	E-335, 418	
62602					A	27435A	E-335, 418	
62603			2CBF1177C	MV1383 CONTROL CIRCUIT	A	27259A	E-335	
62604			2CBF1177D	MV1383 CONTROL CIRCUIT	A	Nipple	E-335	
62605			2CBF1177E	MV1383 CONTROL CIRCUIT	A	27707A	E-335	
62606					A	2CEH	E-335	
62607					A	27436A	E-335	
62608			2CBF1177F	MV1383 CONTROL CIRCUIT	FF	UNSCHE	E-356	
62609					DD	JB5776	E-356-7, 356-9	
62610					DD	2CPN	E-356-7, 356-9	
62611					DD	2CED	E-356-7	
62612					A	2CED	E-356-7	
62613					A	2CEG	E-349-2	
62614					A	2CEH	E-335	
62615					A	2CEH	E-335	
62616					A	27705A	E-335	
62617			2CBF1177G	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62618					Q	36172A	E-338	
62619					Q	36178A	E-338, 418	
62620					Q	2CGE	E-338, 418	
62621					Q	JB3620	E-338, 418	
62622					Q	36178B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62623	SWS	SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	DUCT	36178B*	E-342, 337	
62624					F	2CEF	E-335	
62625					A	2CEF	E-335	
62626					A	2CEH	E-335	
62627					A	2CEH	E-335	
62628					A	27705A	E-335	
62629			2CBF1177H	MV1383 CONTROL CIRCUIT	X	46526C	E-346	
62630					X	2CKM	E-346	
62631					X	2CKL	E-346	
62632					X	46892C	E-346	
62633					Q	46345A	E-338	
62634					Q	36186A	E-338, 418	
62635					Q	2CGE	E-338, 418	
62636					Q	JB3620	E-338, 418	
62637					Q	36187B	E-338	
62638					DUCT	36187B*	E-342, 337	
62639					F	2CEF	E-335	
62640					A	2CEF	E-335	
62641					A	2CRG	E-335	
62642					A	2CEH	E-335	
62643					A	2CEH	E-335, 418	
62644					A	27438A	E-335, 418	
62645			2CBF1177I	MV1383 CONTROL CIRCUIT	A	27705A	E-335	
62646					A	2CEH	E-335	
62647					A	2CEH	E-335	
62648					A	2CEG	E-335	
62649					A	2CED	E-335	
62650					DD	2CED	E-356-7	
62651					DD	2CKN	E-356-7	
62652					DD	2CPR	E-356-7	
62653					DD	2CKM	E-356-7	
62654					DF	2CKM	E-346, 347	
62655					X	2CKM	E-346	
62656					X	46526C	E-346	
62657			2CPS4929C	MV1383 CONTROL CIRCUIT	F	27364B	E-335	
62658					F	27364A	E-335	
62659					F	2CEE	E-335	
62660					A	2CEE	E-335	
62661					A	27133A	E-335	
62662					A	2CED	E-335	
62663					DD	2CED	E-356-7	
62664					DD	2CKN	E-356-7	
62665					DD	2CPR	E-356-7	
62666					DD	2CKM	E-356-7	
62667					DF	2CKM	E-346, 347	
62668					X	2CKM	E-346	
62669					X	46526A	E-346	
62670			2CPS4929D	MV1383 CONTROL CIRCUIT	F	27364C	E-335	
62671					F	27364A	E-335	
62672					F	2CEE	E-335	
62673					A	2CEE	E-335	
62674					A	27133A	E-335	
62675					A	2CED	E-335	
62676					DD	2CED	E-356-7	
62677					DD	2CKN	E-356-7	
62678					DD	2CPR	E-356-7	
62679					DD	2CKM	E-356-7	
62680					DF	2CKM	E-346, 347	
62681					X	2CKM	E-346	
62682					X	46526A	E-346	
62683			2CPS4929E	MV1383 CONTROL CIRCUIT	A	27259B	E-335	
62684					A	2CEH	E-335	
62685					A	2CEH	E-335	
62686					A	2CEG	E-335	
62687					A	2CED	E-335	
62688					DD	2CED	E-356-7	
62689					DD	2CKN	E-356-7	
62690					DD	2CPR	E-356-7	
62691					DD	2CKM	E-356-7	
62692					DF	2CKM	E-346, 347	
62693					X	2CKM	E-346	
62694					X	46526C	E-346	
62707			2CSD04A	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62708					Q	36172A	E-338	
62709					Q	2CGE	E-338, 418	
62710					Q	36178A	E-338, 418	
62711					Q	JB3620	E-338, 418	
62712					Q	36178B	E-338	
62713					DUCT	36178B*	E-342, 337	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
62714	SWS	SW1383	2CSD04A	MV1383 CONTROL CIRCUIT	F	2CEF	E-335	
62715					A	2CEF	E-335	
62716					A	2CEH	E-335	
62717					A	2CEH	E-335	
62718					A	27705A	E-335	
62719			2PBF1177A	MV1383 POWER CIRCUIT	A	27425A	E-335	
62720			BF1177	MV1383 CIRCUIT BREAKER (CH. 2)	A		E-335	
62721			C3630	MV1383 AUX SHUTDOWN PANEL (CH. 2)	R		E-338	
62722			C5709	MV1383 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
62723			CDP-11C	MV1383 DISCONNECT SWITCH (CH. 2)	A		E-335	
62724			CDP-12A-2	MV1383 DISCONNECT SWITCH (CH. 2)	X		E-346	
62725			EV1383	MV1383 TERMINAL BOX (CH. 2)	A		E-335	
62726			FPSL4929A	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62727			FPSL4929B	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62730			JTS722	MV1383 TERMINAL BOX (CH. 2)	DD		E-356	
62728			MV1383	AUX FEEDPUMP 1-2 SUCTION VALVE (CH. 2)	A		E-335	
62729			NV1383	MV1383 LOCAL CONTROLLER (CH. 2)	A		E-335	
62800		SW1395	2CBF1277B	MV1395 CONTROL CIRCUIT	BG	30613A	E-361	
62801					BF	30613A	E-361	
62802					BF	JB3022	E-361	
62803					BF	30608A	E-361	
62804			2CBF1277C	MV1395 CONTROL CIRCUIT	BG	Flex	E-361	
62805			2CBF1277D	MV1395 CONTROL CIRCUIT	BG	Nipple	E-361	
62806			2CBF1277E	MV1395 CONTROL CIRCUIT	FF	2CP56C	E-356-8	
62807					DD	2CP56C	E-356-8	
62808					DD	2CPN	E-356-7	
62809					DD	2CPP	E-356-7	
62810					DD	2CEA	E-356-7	
62811					A	2CEA	E-335	
62812					A	2CEB	E-335	
62813					A	2CEC	E-335	
62814					F	2CEC	E-335	
62815					DUCT	36189B*	E-337	
62816					Q	JB3620	E-338	
62817					Q	36189A	E-338	
62818					Q	2CGE	E-338	
62819					Q	36104A	E-338	
62820					DUCT	36104B*	E-337, 342	
62821					DUCT	36104C*	E-305, 307	
62822					MA	2CAM	E-307, 309	
62823					DUCT	36104D*	E-304, 360	
62824					BG	36104E	E-361	
62825					BF	JB3023	E-361	
62826					BF	36104F	E-361	
62827					BF	JB3015	E-361	
62828					BF	30611A	E-361	
62829			2CBF1277F	MV1395 CONTROL CIRCUIT	BF	30641A	E-361	
62830			2CBF1277G	MV1395 CONTROL CIRCUIT	F	2CEC	E-335	
62831					DUCT	36189B*	E-337	
62832					Q	JB3620	E-338	
62833					Q	36189A	E-338	
62834					Q	2CEG	E-338	
62835					Q	36104A	E-338	
62836					DUCT	36104B*	E-337, 342	
62837					DUCT	36104C*	E-305, 307	
62838					MA	2CAM	E-304, 309	
62839					FF	2CP17C	E-353	
62840					DD	2CP17C	E-356-1	
62841					DD	2CPN	E-356-1	
62842					DD	2CPP	E-356-1	
62843					DD	2CEA	E-356-1	
62844					A	2CEA	E-335	
62845					A	2CEB	E-335	
62846					A	2CEC	E-335	
62847					DUCT	36202D*	E-360	
62848					BG	36202E	E-361	
62849					BG	JB3017	E-361	
62850					BG	36202F	E-361	
62851					BF	36202F	E-361	
62852					BF	JB3015	E-361	
62853					BF	30640A	E-361	
62854			2CBF1277H	MV1395 CONTROL CIRCUIT	BF	Flex	E-361	
62855					BF	30738A	E-361	
62856					BF	JB3022	E-361	
62857					BF	30613A	E-361	
62858					BG	30613A	E-361	
62859			2PBF1277A	MV1395 POWER CIRCUIT	BG	30529C	E-361	
62860					BF	30529B*	E-360	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62861	SWS	SW1395	2PBF1277A	MV1395 POWER CIRCUIT	BF	30529B	E-361	
62862			BF1277	MV1395 CIRCUIT BREAKER	BF		E-361	
62863			CS717	MV1395 CONTROL ROOM PANEL	FF		E-353	
62864			CS756C	MV1395 CONTROL ROOM PANEL	FF		E-353	
62869			CDP-12C	MV1395 DISCONNECT SWITCH	BF		E-351	
62865			EV1395	MV1395 TERMINAL BOX	BG		E-361	
62866			FPSL1377A	MV1395 PRESSURE SWITCH	BF		E-361	
62867			MV1395	TPCW HX IN HEADER ISO VLV	BG		E-361	
62868			NV1395	MV1395 LOCAL CONTROLLER	BG		E-361	
62900		SW1399	1CBBE1277B	MV1399 CONTROL CIRCUIT	BG	30601A	E-361	
62901					BF	30601A	E-361	
62902					BF	JB3021	E-361	
62903					BF	30596A	E-361	
62904					BE	30596A	E-361	
62905			1CBBE1277C	MV1399 CONTROL CIRCUIT	BG	30605A	E-361	
62906			1CBBE1277D	MV1399 CONTROL CIRCUIT	BG	Nipple	E-361	
62907			1CBBE1277E	MV1399 CONTROL CIRCUIT	FF	1CP63C	E-423	
62908					DD	1CP63C	E-423	
62909					DD	1CPL	E-356-1, 356-6	
62910					DD	27120A	E-356-1, 356-6	
62911					CC	27120A	E-347	
62912					UU	27120A	E-349-1	
62913					A	27120A	E-335	
62914					A	1CEB	E-335	
62915					E	1CEB	E-335	
62916					DUCT	36079B*	E-337	
62917					S	JB3607	E-338	
62918					S	36079A	E-338	
62919					S	1CGC	E-338	
62920					S	1CGZ	E-338	
62921					S	36004A	E-338	
62922					DUCT	36004B*	E-337, 342	
62923					DUCT	36004C*	E-337, 342	
62924					MA	1CAM	E-304, 309	
62925					DUCT	36004D*	E-326, 360	
62926					BG	36004E	E-361	
62927					BF	36004E	E-361	
62928					BF	JB3014	E-361	
62929					BF	30599A	E-361	
62930					BE	30599A	E-361	
62931			1CBBE1277F	MV1399 CONTROL CIRCUIT	BE	30593A	E-361	
62932			1CBBE1277G	MV1399 CONTROL CIRCUIT	E	1CEB	E-335	
62933					DUCT	36079B*	E-337	
62934					S	JB3607	E-338	
62935					S	36079A	E-338	
62936					S	1CGC	E-338	
62937					S	1CGZ	E-338	
62938					S	36004A	E-338	
62939					DUCT	36004B*	E-337, 342	
62940					DUCT	36004C*	E-337, 342	
62941					MA	1CAM	E-304, 309	
62942					FF	1CP17B	E-356-8	
62943					DD	1CP17B	E-356-8	
62944					DD	1CPL	E-356-1, 356-6	
62945					DD	27120A	E-356-1, 356-6	
62946					CC	27120A	E-347	
62947					UU	27120A	E-349-1	
62948					A	27120A	E-335	
62949					A	1CEB	E-335	
62950					DUCT	36004D*	E-326, 360	
62951					BG	36004E	E-361	
62952					BF	36004E	E-361	
62953					BF	JB3014	E-361	
62954					BF	30594C	E-361	
62955					BE	30594C	E-361	
62956					BE	30594A	E-361	
62957			1CBBE1277H	MV1399 CONTROL CIRCUIT	BF	30739A	E-361	
62958					BF	JB3021	E-361	
62959					BF	30601A	E-361	
62960					BG	30601A	E-361	
62961			1PBE1277A	MV1399 POWER CIRCUIT	BG	30530C	E-361	
62962					BE	30530B*	E-360	
62963					BE	30530B	E-361	
62964			BE1277	MV1399 CIRCUIT BREAKER	BE		E-361	
62965			CS717	MV1399 CONTROL ROOM PANEL	FF		E-353	
62965A			CS763C	MV1399 CONTROL ROOM PANEL	FF		E-353	
62968A					FF		E-353	
62969			CDE12C	MV1399 DISCONNECT SWITCH	BE		E-361	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62966	SWS	SW1399	EV1399	MV1399 TERMINAL BOX	BG		E-361	
62966A			FPFL1376A	MV1399 PRESSURE SWITCH	BF		E-361	
62970					BF		E-361	
62967			MV1399	TPCW HX IN HEADER ISO VLV	BG		E-361	
62968			NV1399	MV1399 LOCAL CONTROLLER	BG		E-361	
63000A		SW1424	1CV1424A	SV1424 CONTROL CIRCUIT	T	37449A	E-349-1	A
63004			1CV1424C	SV1424 CONTROL CIRCUIT	T	Nipple	E-349-1	
63005			1CV1424D	SV1424 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
63006					DD	1CP16A	E-356-8	
63007					DD	1CPL	E-356-6	
63008					DD	1CJL	E-356-6	
63009					CC	1CJL	E-347	
63011					U	37035C	E-349-3	
63012					U	1CJL	E-349-3	
63013					U	37035B*	E-339	
63013A					G	37035B*	E-339	
63013B					A	37035B*	E-339	
63013C					T	37035B*	E-339	
63014					T	37035A	E-349-1	
63015			1CV1424E	SV1424 CONTROL CIRCUIT	T	Flex	E-349-1	
63016					T	37449A	E-349-1	
63017			1CV1424G	SV1424 CONTROL CIRCUIT	FF	1CP63D	E-424	
63018					DD	1CP63D	E-424	
63019					DD	1CPL	E-356-6	
63020					DD	1CJL	E-356-6	
63021					U	1CJL	E-349-3	
63022					U	37035C	E-349-3	
63023					U	37035B*	E-339	
63023A					G	37035B*	E-339	
63023B					A	37035B*	E-339	
63023C					T	37035B*	E-339	
63024					T	37035A	E-349-1	
63024A			1CV1424H	SV1424 CONTROL CIRCUIT	T	37449A	E-349-1	
63025			C5716	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63026			C5763D	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63027			EV1424	SV1424 TERMINAL BOX (CH. 1)	T		E-349-1	
63028			NV1424	SV1424 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
63030			PSL1424	PRESS SW FOR SW1424 LOW IA PRESS	T		E-349-1	
63029			SV1424	SW FROM CC HX 1 ISO VLV SOLENOID	T		E-349-1	
63100		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	FF		E-424	
63101					FF	1CP63D	E-424	
63102					DD	1CP63D	E-424	
63103					DD	1CPL	E-356-6, 356-1	
63104					DD	27122A	E-356-6, 356-1	
63105					CC	27122A	E-347	
63106					UU	27122A	E-349-1	
63107					A	27122A	E-335	
63108					A	1CEB	E-335	
63109					E	1CEB	E-335	
63110					DUCT	36091B*	E-337, 342	
63111					S	36091B	E-338	
63112					S	JB3607	E-338, 418	
63113					S	36091A	E-338, 418	
63114					S	1CGC	E-338, 418	
63115					S	1CGZ	E-338, 351-1	
63116					S	36515D	E-338, 351-1	
63117			1CV1429C	SV1429 CONTROL CIRCUIT	DD	1CPL	E-356-6	
63118					FF	1CP16A	E-356-8	
63119					DD	1CP16A	E-356-8	
63120					DD	1CJL	E-356-6	
63121					CC	1CJL	E-347	
63122					U	1CJL	E-349-3	
63123					U	37047D	E-349-3	
63125					T	37047D	E-349-1	
63126					T	JB3721	E-349-1	
63127					T	37496A	E-349-1	
63128			1CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63129			1CV1429E	SV1429 CONTROL CIRCUIT	T	37035D	E-349-1	
63130			1CV1429G	SV1429 CONTROL CIRCUIT	S	36515D	E-338	
63131					S	1CGZ	E-338	
63132					S	1CGC	E-338, 351-1	
63133					S	36310A	E-338, 351-1	
63134					R	36310A	E-338	
63135			2CV1429B	SV1429 CONTROL CIRCUIT	FF	2CP56D	E-424	
63136					DD	2CP56D	E-424	
63137					DD	2CPN	E-356-7	
63138					DD	2CED	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63139	SWS	SW1429	2CV1429B	SV1429 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
63140					A	2CEE	E-335	
63141					F	2CEE	E-335	
63142					DUCT	36179B*	E-337, 342	
63143					Q	36179B	E-338	
63144					Q	JB3620	E-338, 418	
63145					Q	36179A	E-338, 418	
63146					Q	36715D	E-338, 351-1	
63147					Q	2CGE	E-338, 351-1	
63148			2CV1429C	SV1429 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63149					DD	2CP16C	E-356-8	
63150					DD	2CPN	E-356-7	
63151					DD	2CPP	E-356-7	
63152					DD	2CEA	E-356-7	
63153					A	2CEA	E-349-2	
63154					A	37450A	E-349-2	
63155					A	37450A	E-349-2	
63156					U	37450A	E-349-3	
63157					T	37450A	E-349-1	
63158					T	JB3722	E-349-1	
63159					T	37452F	E-349-1	
63160					T	37452D	E-349-1	
63161			2CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63162			2CV1429E	SV1429 CONTROL CIRCUIT	T	37452E	E-349-1	
63163					T	37452D	E-349-1	
63164			2CV1429G	SV1429 CONTROL CIRCUIT	Q	36715D	E-338, 351-2	
63165					Q	2CGE	E-338	
63166					Q	36411A	E-338	
63167					R	36411A	E-338	
63168			3CV1429A	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63169					G	36205E	E-335	
63170					A	36205E	E-335	
63171					A	36205E	E-335	
63172					A	JB2703	E-335	
63173					DUCT	36205B*	E-337, 342	
63174					R	36205A	E-338	
63175					R	36205D	E-338	
63176			3CV1429B	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63177					G	36205E	E-335	
63178					A	36205E	E-335	
63179					A	36205E	E-335	
63180					A	JB2703	E-335	
63181					DUCT	36205B*	E-337, 342	
63182					R	36205A	E-338	
63183					R	36205C	E-338	
63185			3CV1429D	SV1429 CONTROL CIRCUIT	T	37453A	E-349-1	
63185A					T	FLEX	E-349-1	
63186			3CV1429F	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63187			AC108	SV1429 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
63188			ACD2	SV1429 TRANSFER SWITCH (CH. 1)	R		E-338	
63189			ACD3	SV1429 TRANSFER SWITCH (CH. 2)	R		E-338	
63190			AD108	SV1429 CIRCUIT BREAKER (CH. 2)	Q		E-338	
63191			C5716	SV1429 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
63192			C5756D	SV1429 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63193			C5763D	SV1429 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63194			EV1424	SV1429 TERMINAL BOX (CH. 1)	T		E-349-1	
63195			EV1429	SV1429 TERMINAL BOX (CH. 1/2)	T		E-349-1	
63196			EV1460	SV1429 TERMINAL BOX (CH. 2)	T		E-349-1	
63197			NV1429	SV1429 LOCAL CONTROLLER (CH. 3)	T		E-349-1	
63198			NV1429A	SV1429 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
63199			NV1429B	SV1429 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63201			PSL1429	PRESS SW FOR SW1429 LOW IA PRESS	T		E-349-1	
63200			SV1429	SW FROM HX 3 ISO VLV SOLENOID	T		E-349-1	
63300	SW1434		2CV1434A	SV1434 CONTROL CIRCUIT	T	37452A	E-349-1	
63301					T	FLEX	E-349-1	
63303			2CV1434C	SV1434 CONTROL CIRCUIT	T	Nipple	E-349-1	
63304			2CV1434D	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63305					DD	2CP16C	E-356-8	
63306					DD	2CPN	E-356-7	
63307					DD	2CPP	E-356-7	
63308					DD	2CEA	E-356-7	
63309					A	2CEA	E-349-2	
63310					A	37450A	E-349-2	
63311					A	37450A	E-349-2	
63312					U	37450A	E-349-2	
63313					T	37450A	E-349-1	
63314					T	JB3722	E-349-1	
63315					T	37497A	E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63316	SWS	SW1434	2CV1434E	SV1434 CONTROL CIRCUIT	T	Flex	E-349-1	
63317					T	37452A	E-349-1	
63318			2CV1434G	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63319					DD	2CP16C	E-356-8	
63320					DD	2CPN	E-356-7	
63321					DD	2CPP	E-356-7	
63322					DD	2CEA	E-356-7	
63323					A	2CEA	E-349-2	
63324					A	37450A	E-349-2	
63325					A	37450A	E-349-2	
63326					U	37450A	E-349-2	
63327					T	37450A	E-349-1	
63328					T	JB3722	E-349-1	
63329					T	37497A	E-349-1	
63330			C5716	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63331			C5756D	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63332			EV1460	SV1434 TERMINAL BOX (CH. 2)	T		E-349-1	
63333			NV1434	SV1434 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63335			PSL1434	PRESS SW FOR SW1434 LOW IA PRESS	T		E-349-1	
63334			SV1434	SW FROM CC HX 2 ISO VLV SOLENOID	T		E-349-1	
63400		SW2927	1CBEL232B	MV2927 CONTROL CIRCUIT	HH	46106C	E-416	
63401					DH	46106B*	E-357, 358	
63401A					EE	46106B*	E-357, 358	
63402					II	46106A	E-413	
63403					Y	46106A	E-346	
63404					Y	1CKD	E-346	
63405					Y	1CKA	E-346	
63406					Y	46538A	E-346	
63407			1CBEL232C	MV2927 CONTROL CIRCUIT	HH	67130A	E-416	
63408			1CBEL232D	MV2927 CONTROL CIRCUIT	HH	Nipple	E-416	
63409			1CBEL232E	MV2927 CONTROL CIRCUIT	Y	46262A	E-346	
63410					Y	1CKA	E-346	
63411					Y	46538A	E-346	
63412			1CBEL232F	MV2927 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63413					DD	5720C1	E-356-9	
63414					DD	1CPL	E-356-1, 356-6	
63415					DD	46055A	E-356-1, 356-6	
63416					DD	46055B*	E-343, 344, 355	
63416A					A	46055B*	E-343, 344, 355	
63416B					DF	46055B*	E-343, 344, 355	
63416C					X	46055B*	E-343, 344, 355	
63416D					Y	46055B*	E-343, 344, 355	
63417					Y	1CKD	E-343	
63418					Y	1CKA	E-346	
63419					Y	46263A	E-346	
63422			1CBEL232X	MV2927 CONTROL CIRCUIT	HH	67211A	E-416	
63423			1PBEL232A	MV2927 POWER CIRCUIT	HH	67129A	E-416	
63424					HH	46107C	E-416	
63425					DH	46107B*	E-357, 358	
63425A					EE	46107B*	E-357, 358	
63426					II	46107A	E-413	
63427					Y	46107A	E-346	
63428			BE1232	MV2927 CIRCUIT BREAKER (CH. 1)	Y		E-346	
63429			C5720	MV2927 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63431			C6708	MV2927 EMER SYS COND CABINET (CH. 1)	HH		E-416	
63432			CDE-12A-1	MV2927 DISCONNECT SWITCH (CH. 1)	Y		E-346	
63433			EV2927	MV2927 TERMINAL BOX (CH. 1)	HH		E-416	
63435			MV2927	CTRM EMER COND UNIT 1 IN VLV (CH. 1)	HH		E-416	
63436			NV2927	MV2927 LOCAL CONTROLLER (CH. 1)	HH		E-416	
63500		SW2928	2CBF1132B	MV2928 CONTROL CIRCUIT	HH	47057E	E-416	
63501					DH	47057E	E-416	
63502					EE	47057E	E-414	
63503					EE	47057C	E-414	
63504					EE	47057B*	E-353	
63504A					DF	47057B*	E-353	
63505					DF	47057A	E-347	
63506			2CBF1132C	MV2928 CONTROL CIRCUIT	HH	67127A	E-416	
63507			2CBF1132D	MV2928 CONTROL CIRCUIT	HH	Nipple	E-416	
63508			2CBF1132E	MV2928 CONTROL CIRCUIT	DF	47701A	E-347	
63509					DF	2CLA	E-347	
63510					DF	47350A	E-347	
63511			2CBF1132F	MV2928 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63512					DD	5721A1	E-356-7, 356-9	
63513					DD	2CPN	E-356-7, 356-9	
63514					DD	2CPP	E-356-7	
63515					DD	2CLA	E-356-7	
63516					DF	2CLA	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63517	SWS	SW2928	2CBF1132F	MV2928 CONTROL CIRCUIT	DF	47702A	E-347	
63521			2PBF1132A	MV2928 POWER CIRCUIT	HH	47056F	E-416	
63522					HH	47056E	E-416	
63522A					HH	47056D*	E-358	
63522B					DH	47056D*	E-358	
63522C					EE	47056D*	E-358	
63523					EE	47056D	E-414	
63524					EE	47056C	E-414	
63525					EE	47056B*	E-353	
63525A					DF	47056B*	E-353	
63526					DF	47056A	E-347	
63527			BF1132	MV2928 CIRCUIT BREAKER (CH. 2)	DF		E-347	
63528			C5720	MV2928 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63530			C6709	MV2928 EMER SYS COND CABINET (CH. 2)	HH		E-416	
63531			CDP-11A-1	MV2928 DISCONNECT SWITCH (CH. 2)	DF		E-347	
63532			EV2929	MV2928 TERMINAL BOX (CH. 2)	HH		E-416	
63534			MV2928	CTRM EMER COND UNIT 2 IN VLV (CH. 2)	HH		E-416	
63535			NV2928	MV2928 LOCAL CONTROLLER (CH. 2)	HH		E-416	
63600		SW2929	1CBE1281B	MV2929 CONTROL CIRCUIT	BG	30675A	E-361	
63601					BF	30675A	E-361	
63602					BF	JB3014	E-361	
63603					BF	30675B	E-361	
63604					BE	30675B	E-361	
63605			1CBE1281C	MV2929 CONTROL CIRCUIT	BG	30677A	E-361	
63606			1CBE1281D	MV2929 CONTROL CIRCUIT	BG	Nipple	E-361	
63607			1CBE1281E	MV2929 CONTROL CIRCUIT	BE	30593A	E-361	
63608			1CBE1281F	MV2929 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63609					DD	5720C1	E-356-6, 356-9	
63610					DD	1CPL	E-356-6, 356-9	
63611					DD	27121A	E-356-1	
63612					CC	27121A	E-347	
63613					UU	27121A	E-349-1	
63614					A	27121A	E-335	
63615					A	1CEB	E-335	
63616					E	1CEB	E-342, 335	
63617					DUCT	36079B*	E-337, 342	
63618					S	36079B	E-338	
63619					S	JB3607	E-338, 418	
63620					S	36079A	E-338, 418	
63621					S	1CGC	E-338, 418	
63622					S	1CGZ	E-351-1, 338	
63623					S	36004A	E-351-1, 338	
63624					DUCT	36004B*	E-337, 342	
63625					DUCT	36004C*	E-337, 342	
63626					MA	1CAM	E-304, 309	
63627					DUCT	36004D*	E-360, 326	
63628					BF	36004E	E-361	
63629					BF	JB3014	E-361	
63630					BE	30594C	E-361	
63631					BE	30594A	E-361	
63632			1CBE1281G	MV2929 CONTROL CIRCUIT	BG	30170A	E-361	
63633			1PBE1281A	MV2929 POWER CIRCUIT	BG	30555A	E-361	
63634					BE	30555A	E-361	
63635			BE1281	MV2929 CIRCUIT BREAKER (CH. 1)	BE		E-361	
63636			C5720	MV2929 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63637			CDE-12C	MV2929 DISCONNECT SWITCH (CH. 1)	BE		E-361	
63638			EV2929	MV2929 TERMINAL BOX (CH. 1)	BG		E-361	
63639			FPSH2929	MV2929 PRESSURE SWITCH (CH. 1)	BG		E-361	
63640			MV2929	SW TO INTAKE STRUCTURE VALVE (CH. 1)	BG		E-361	
63641			NV2929	MV2929 LOCAL CONTROLLER (CH. 1)	BG		E-361	
63700		SW2930	2CBF1281B	MV2930 CONTROL CIRCUIT	BG	30528A	E-361	
63701					BF	30528A	E-361	
63702					BF	JB3023	E-361	
63703					BF	36104F	E-361	
63704					BF	JB3015	E-361	
63705					BF	30611A	E-361	
63706			2CBF1281C	MV2930 CONTROL CIRCUIT	BG	30527A	E-361	
63707			2CBF1281D	MV2930 CONTROL CIRCUIT	BG	Nipple	E-361	
63708			2CBF1281E	MV2930 CONTROL CIRCUIT	BF	30641A	E-361	
63709			2CBF1281F	MV2930 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63710					DD	5721A1	E-356-7, 356-9	
63711					DD	2CPN	E-356-7, 356-9	
63712					DD	2CFP	E-356-7	
63713					DD	2CEA	E-356-7	
63714					A	2CEA	E-349-2, 335, 347	
63715					A	2CEB	E-335	
63716					A	2CEC	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63717	SWS	SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	F	2CEC	E-335	
63718					DUCT	36189B*	E-337, 342	
63719					Q	36189B	E-338	
63720					Q	JB3620	E-338, 418	
63721					Q	36189A	E-338, 418	
63722					Q	2CGE	E-338	
63723					Q	36104A	E-338	
63724					Q	36104B	E-337, 342	
63725					DUCT	36104C*	E-305, 307	
63726					MA	2CAM	E-304, 309	
63727					DUCT	36104D*	E-304, 360	
63728					BF	36104E	E-361	
63729					BF	JB3023	E-361	
63730					BF	36104F	E-361	
63731					BF	JB3015	E-361	
63732					BF	30640A	E-361	
63733			2CBF1281G	MV2930 CONTROL CIRCUIT	BG	30678B	E-361	
63734					BG	30678A	E-361	
63736					BG	30528A	E-361	
63737					BF	30528A	E-361	
63738					BF	JB3023	E-361	
63739					BF	36104F	E-361	
63740					BF	JB3015	E-361	
63741					BF	30611A	E-361	
63742			2CBF1281H	MV2930 CONTROL CIRCUIT	BF	30868A	E-361	
63743					BF	EV1380	E-361	
63744					BF	30612A	E-361	
63745					BF	JB3022	E-361	
63746					BF	30608A	E-361	
63747			2PBF1281A	MV2930 POWER CIRCUIT	BG	30587A	E-361	
63748					BF	30587A	E-361	
63749			BF1281	MV2930 CIRCUIT BREAKER (CH. 2)	BF		E-361	
63750			C5720	MV2930 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63751			CDP-12C	MV2930 DISCONNECT SWITCH (CH. 2)	BF		E-361	
63752			EV2930	MV2930 TERMINAL BOX (CH. 2)	BG		E-361	
63753			FPSH2930	MV2930 PRESSURE SWITCH (CH. 2)	BG		E-361	
63754			MV2930	SW TO INTAKE FOREBAY VALVE (CH. 2)	BG		E-361	
63755			NV2930	MV2930 LOCAL CONTROLLER (CH. 2)	BG		E-361	
63756			RC3014	MV2930 RELAY CABINET (CH. 2)	BF		E-361	
63800		SW2931	1CBE1282B	MV2931 CONTROL CIRCUIT	BG	30675A	E-361	
63801					BF	30675A	E-361	
63802					BF	JB3014	E-361	
63803					BF	30675B	E-361	
63804					BE	30675B	E-361	
63805			1CBE1282C	MV2931 CONTROL CIRCUIT	BG	30676A	E-361	
63806			1CBE1282D	MV2931 CONTROL CIRCUIT	BG	Nipple	E-361	
63807			1CBE1282E	MV2931 CONTROL CIRCUIT	BE	30593A	E-361	
63808			1CBE1282F	MV2931 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63809					DD	5720C1	E-356-6, 356-9	
63810					DD	1CPL	E-356-6, 356-9	
63811					DD	27121A	E-356-1	
63812					CC	27121A	E-347	
63813					UU	27121A	E-349-1	
63814					A	27121A	E-335	
63815					A	1CEB	E-335	
63816					E	1CEB	E-342, 335	
63817					DUCT	36079B*	E-337, 342	
63818					S	36079B	E-338, 418	
63819					S	JB3607	E-338	
63820					S	36079A	E-338	
63821					S	1CGC	E-338	
63822					S	1CGZ	E-338, 351-1	
63823					S	36004A	E-338, 351-1	
63824					S	36004B	E-342, 337	
63825					DUCT	36004C*	E-337, 342	
63826					MA	1CAM	E-304, 309	
63827					DUCT	36004D*	E-360, 326	
63828					BF	36004E	E-361	
63829					BF	JB3014	E-361	
63830					BF	30594C	E-361	
63831					BE	30594A	E-361	
63832					BG	30554A	E-361	
63833			1PBE1282A	MV2931 POWER CIRCUIT	BE	30554A	E-361	
63834			BE1282	MV2931 CIRCUIT BREAKER (CH. 1)	BE		E-361	
63835			C5720	MV2931 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63836			CDE-12C	MV2931 DISCONNECT SWITCH (CH. 1)	BE		E-361	
63837			EV2929	MV2931 TERMINAL BOX (CH. 1)	BG		E-361	
63838			MV2931	SW TO COOLING TOWER MU VALVE (CH. 1)	BG		E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63839	SWS	SW2931	NV2931	MV2931 LOCAL CONTROLLER (CH. 1)	BG		E-361	
63900		SW2932	2CBF1282B	MV2932 CONTROL CIRCUIT	BG	30528A	E-361	
63901					BF	30528A	E-361	
63902					BF	JB3023	E-361	
63903					BF	36104F	E-361	
63904					BF	JB3015	E-361	
63905					BF	30611A	E-361	
63906			2CBF1282C	MV2932 CONTROL CIRCUIT	BG	30526A	E-361	
63907			2CBF1282D	MV2932 CONTROL CIRCUIT	BG	Nipple	E-361	
63908			2CBF1282E	MV2932 CONTROL CIRCUIT	BF	30641A	E-361	
63909			2CBF1282F	MV2932 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63910					DD	5721A1	E-356-7, 356-9	
63911					DD	2CPN	E-356-7, 356-9	
63912					DD	2CPP	E-356-7	
63913					DD	2CEA	E-356-7	
63914					A	2CEA	E-349-2, 347	
63915					A	2CEB	E-335	
63916					A	2CEC	E-335	
63917					F	2CEC	E-335	
63918					DUCT	36189B*	E-337, 342	
63919					Q	36189B	E-338	
63920					Q	JB3620	E-338, 418	
63921					Q	36189A	E-338, 418	
63922					Q	2CGE	E-338	
63923					Q	36104A	E-338	
63924					DUCT	36104B*	E-337, 342	
63925					DUCT	36104C*	E-305, 307	
63926					MA	2CAM	E-304, 309	
63927					DUCT	36202D*	E-360, 304	
63928					BG	36202E	E-361	
63929					BG	JB3017	E-361	
63930					BG	36202F	E-361	
63931					BF	36202F	E-361	
63932					BF	JB3015	E-361	
63933					BF	30640A	E-361	
63934			2PBF1282A	MV2932 POWER CIRCUIT	BG	30595A	E-361	
63935					BF	30595A	E-361	
63936			BF1282	MV2932 LOCAL CONTROLLER (CH. 2)	BF		E-361	
63937			C5720	MV2932 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63938			CDF-12C	MV2932 DISCONNECT SWITCH (CH. 2)	BF		E-361	
63939			EV2930	MV2932 TERMINAL BOX (CH. 2)	BG		E-361	
63940			MV2932	SW TO COLLECTION BASIN VALVE (CH. 2)	BG		E-361	
63941			NV2932	MV2932 LOCAL CONTROLLER (CH. 2)	BG		E-361	
63941A		SW630	N/A	TPCCW HX1 OUTLET	II	N/A		
63941B		SW631	N/A	TPCCW HX2 OUTLET	II	N/A		
63941C		SW632	N/A	TPCCW HX3 OUTLET	II	N/A		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

Davis-Besse Unit 1 Fire Hazard Analysis Report

DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1

APPENDIX B-2

CIRCUIT/SUBCOMPONENT LOCATION SUMMARY BY FIRE AREA

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00003	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	A	1CEB	E-335	
00004					A	27142B	E-335	
00048			1CBE1146H	MV3869 CONTROL CIRCUIT	A	1CEB	E-335	
00049					A	27142B	E-335	
00071			1PBE1146A	MV3869 POWER CIRCUIT	A	48257A	E-335	
00116	AF3870		1CD107E	MV3870 CONTROL CIRCUIT	A	27573A	E-335	
00117					A	1CEB	E-335	
00144A			1CD107G	MV3870 CONTROL CIRCUIT	A	46060B*	E-343,344,356-1	
00149			1PD107A	MV3870 POWER CIRCUIT	A	46006C	E-335	
00150					A	46006B*	E-337, 333, 342	
00150A					A	46006B*	E-333,337,342	
00249	AF3871		2PBF1201A	MV3871 POWER CIRCUIT	A	46005C	E-335	
00250					A	46005B*	E-337, 333, 342	
00250A					A	46005B*	E-333,337,342	
00320	AF3872		2CBF1262F	MV3872 CONTROL CIRCUIT	A	2CED	E-335,349-2,347	
00321					A	2CEE	E-335	
00337			2CBF1262G	MV3872 CONTROL CIRCUIT	A	2CED	E-335,349-2,347	
00338					A	2CEE	E-335	
00364			2PBF1262A	MV3871 POWER CIRCUIT	A	46005C	E-335	
00365					A	46005B*	E-337, 333, 342	
00365A					A	46005B*	E-333,337,342	
00400	AF599		2CBF1118C	MV599 CONTROL CIRCUIT	A	36325A	E-349-2	
00401			2CBF1118D	MV599 CONTROL CIRCUIT	A	Nipple	E-349-2	
00405			2CBF1118G	MV599 CONTROL CIRCUIT	A	47001B	E-349-2	
00406A					A	47001A*	E-343, 344	
00419			2PBF1118A	MV599 POWER CIRCUIT	A	18215D	E-332,335,349	
00421			2PBF1118B	MV599 POWER CIRCUIT	A	18215C	E-349-2	
00422					A	18215C	E-349-2	
00423					A	JB3713	E-349-2	
00424					A	18215B	E-332,335,349-2	
00430			EV0599	MV599 TERMINAL BOX (CH. 2)	A		E-349-2	
00431			MV599	SG 2 AFW ISOLATION VALVE (CH. 2)	A		E-349-2	
00432			NV0599A	MV599 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
00609	AF6451		2CLC6451C	AF6451 CONTROL CIRCUIT	A	37802B	E-349-2, 338	
00610					A	JB3726	E-349-2	
00611					A	37138A	E-349-2	
00613					A	2CEG	E-356-1	
00614					A	2CEG	E-349-2	
00614A					A	2CED	E-349-2	
00629			2CLC6451D	AF6451 CONTROL CIRCUIT	A	2CED	E-356-7, 335	
00630					A	2CEE	E-335	
00631					A	27318A	E-335	
00632					A	JB2717	E-335	
00633					A	27318B	E-335	
00686			2CLY6454A	LY6454 CONTROL CIRCUIT	A	2CRA	E-349-2	
00687					A	37806B	E-349-2, 338	
00694			2CLY6454B	LY6454 CONTROL CIRCUIT	A	2CEA	E-349-2	
00695					A	37806B	E-349-2, 338	
00677			2LLC6451E	AF6451 CONTROL CIRCUIT	A	36980B	E-338	
00678					A	36980B	E-335, 349-2	
00643			2LLC6451G	AF6451 CONTROL CIRCUIT	A	36980B	E-338	
00644					A	36980B	E-349-2	
00699			RC3702	AF6451 RELAY CABINET (CH 2)	A		E-338	
00804	AF6452		1CLC6452C	AF6452 CONTROL CIRCUIT	A	36982D	E-338	
00875			1CLY6453A	LY6453 CONTROL CIRCUIT	A	37805C	E-349-2	
00887			1CLY6453B	LY6453 CONTROL CIRCUIT	A	37805C	E-349-2	
00811			1LLC6452B	AF6452 CONTROL CIRCUIT	A	1LEC	E-335	
00812					A	27118	E-335	
00813					A	27118A*	E-333	
00890			RC3701	AF6452 RELAY CABINET (CH 1)	A		E-349	
00898					A		E-349	
01023	FW6459		1CLC6459B	FW6459 CONTROL CIRCUIT	A	1CEC	E-335	
01024					A	27116	E-335	
01025					A	27116A*	E-333, 339	
01007			1CLC6459H	FW6459 CONTROL CIRCUIT	A	1CEC	E-335	
01008					A	27116	E-335	
01009					A	27116A*	E-333, 339	
01053			1LLC6459A	FW6459 CONTROL CIRCUIT	A	1LEC	E-335	
01054					A	27118	E-335	
01055					A	27118A*	E-333, 339	
01114	FW6460		2LLC6460C	FW6460 CONTROL CIRCUIT	A	36980B	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
01115	AFWS	FW6460	2LLC6460C	FW6460 CONTROL CIRCUIT	A	36980B	E-338			
01118					A	27890A	E-335			
01123				2LLC6460E	FW6460 CONTROL CIRCUIT	A	36980B	E-335		
01124						A	36980B	E-338		
01127						A	27890A	E-335		
01317	ICS038B		1CAFP01B	ICS038B CONTROL CDE-12A-1 TO C5709	A	27112	E-335			
01318					A	1CEA	E-335			
01316B				1CAFP01B	ICS038B CONTROL CDE-12-1 TO C5709	A	27112A*	E-333, 339		
01431	MS106		1CD135F	MV106 CONTROL CIRCUIT	A	1CEA	E-335			
01432					A	27517A	E-335			
01447A				1CD135G	MV106 CONTROL CIRCUIT	A	46060B*	E-343, 344, 356-1		
01458				1CD135H	MV106 CONTROL CIRCUIT	A	27142B	E-335		
01459						A	1CEB	E-335		
01487				1CD135K	MV106 CONTROL CIRCUIT	A	1CEA	E-335		
01488						A	27517A	E-335		
01497				1CD135L	MV106 CONTROL CIRCUIT	A	27142A	E-335		
01498						A	1CEB	E-335		
01547				1CD135P	MV106 CONTROL CIRCUIT	A	1CEA	E-335		
01548						A	27517B	E-335		
01563				1CD135R	MV106 CONTROL CIRCUIT	A	1CEA	E-335		
01564						A	27517B	E-335		
01586				1CD135V	MV106 CONTROL CIRCUIT	A	1CEB	E-335		
01587						A	27142B	E-335		
01596				1CD135Y	MV106 CONTROL CIRCUIT	A	37805B	E-349-2		
01625				RC3701	MV106 RELAY CABINET (CH. 1)	A		E-349-2		
01774			MS106A		1CBE1271K	MV106A CONTROL CIRCUIT	A	1CEB	E-335	
01775							A	27142B	E-335	
01912			MS107		2CBF1124F	MV107 CONTROL CIRCUIT	A	2CEC	E-335	
01913					A	2CEB	E-335			
01914						A	2CEA	E-349-2, 347		
01937		2CBF1124I			MS107 CONTROL CIRCUIT	A	2CLA	E-356		
01946		2CBF1124K			MV107 CONTROL CIRCUIT	A	2CEC	E-335		
01947						A	2CEB	E-335		
01948						A	2CEA	E-349-2, 347		
01966		2CBF1124P			MV107 CONTROL CIRCUIT	A	2CEC	E-335		
01967						A	2CEB	E-335		
01968						A	2CEA	E-349-2, 347		
01978		2CBF1124R			MV107 CONTROL CIRCUIT	A	2CEC	E-335		
01979						A	2CEB	E-335		
01980						A	2CEA	E-349-2, 347		
01994		2CBF1124V			MV107 CONTROL CIRCUIT	A	2CEC	E-335		
01995						A	2CEB	E-335		
01996						A	2CEA	E-349-2, 347		
02008		2CBF1124X			MV107 CONTROL CIRCUIT	A	27168A	E-335		
02009						A	2CEH	E-335		
02010						A	27168A	E-335, 415		
02011				A	2CEH	E-335, 415				
02012				A	2CED	E-349-2, 347				
02129	MS107A		2CBF1188K	MV107A CONTROL CIRCUIT	A	2CEC	E-335			
02130					A	2CEB	E-335			
02131					A	2CEA	E-349-2, 347			
02210B	MS5889A		1CV5889AB	SV5889A CONTROL CIRCUIT	A	27115A*	E-333, 339			
02211					A	27115	E-335			
02212					A	1CEB	E-335			
02219B				1CV5889AC	SV5889A CONTROL CIRCUIT	A	27115A*	E-333, 339		
02220						A	27115	E-335		
02221						A	1CEB	E-335		
02230				1CV5889AG	SV5889A CONTROL CIRCUIT	A	1CEB	E-335		
02231						A	27115	E-335		
02232						A	27115A*	E-353, 339		
02241				1CV5889AH	SV5889A CONTROL CIRCUIT	A	1CEB	E-335		
02242						A	27115	E-335		
02243						A	27115A*	E-333, 339		
02304			MS5889B		2CV5889BB	SV5889B CONTROL CIRCUIT	A	2CED	E-335	
02305					A	2CEE	E-335			
02307A					A	27188B	E-335			
02312		2CV5889BC			SV5889B CONTROL CIRCUIT	A	2CED	E-335		
02313						A	2CEE	E-335		
02315A						A	27188B	E-335		
02324A		2CV5889BG			SV5889B CONTROL CIRCUIT	A	27188B	E-335		
02326						A	2CEE	E-335		
02327						A	2CED	E-335		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
02332A	AFWS	MS5889B	2CV5889BH	SV5889B CONTROL CIRCUIT	A	27188B	E-335		
02334					A	2CCE	E-335		
02335					A	2CED	E-335		
02405	P241		BCAD210D	MP2410 CONTROL CIRCUIT	A	BCGL	E-356-4		
02406					A	BCGK	E-349-2, 356-4		
02407					A	BCGK	E-349-2		
02416			BCAD210E	MP2410 CONTROL CIRCUIT	A	BCGL	E-356-4		
02417					A	BCGK	E-349-2, 356-4		
02418					A	BCGK	E-349-2		
17404A	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	A	46055B*	E-343,344,355		
17418A			1CBE1401J	MC0011 CONTROL CIRCUIT	A	46056B*	E-343,344,355		
17425A			1CBE1401K	MC0011 CONTROL CIRCUIT	A	46056B*	E-343,344,355		
17432			1PBE1401A	MC0011 POWER CIRCUIT	A	46098A (B)	E-338		
17433					A	1FGS (B)	E-338		
17434					A	46098A*	E-343		
17436			1PBE1401B	MC0011 POWER CIRCUIT	A	46097A (B)	E-349-2		
17437					A	1FGS (B)	E-349-2		
17438					A	46097A*	E-343		
17443			1PBE1401C	MC0011 POWER CIRCUIT	A	EXPOSED (A)	E-378B-3		
17447			1PBE1401D	MC0011 POWER CIRCUIT	A	EXPOSED (A)	E-378B-3		
17454			PIP3BX	MC0011 PENETRATION TERMINAL BOX (CH. 1)	A	(B)	E-349-2		
17545			C1-2	2PBF1401C	MC0011 POWER CIRCUIT	A	EXPOSED	E-378B-3	
17551				2PBF1401D	MC0011 POWER CIRCUIT	A	EXPOSED	E-378B-3	
17610A			C1-3	1CBE1501F	MC0013 CONTROL CIRCUIT	A	46056B*	E-343,344,355	
17617A	1CBE1501G	MC0013 CONTROL CIRCUIT		A	46056B*	E-343,344,356-1			
17624A	1CBE1501H	MC0013 CONTROL CIRCUIT		A	46055B*	E-343,344,355			
17675A	3PBEF15A	MC0013 POWER CIRCUIT		A	46071A*	E-343, 344			
17680G	3PBEF15B	MC0013 POWER CIRCUIT		A	46069A*	E-343			
17684	3PBEF15C	MC0013 POWER CIRCUIT		A	Exposed	E-378B-3			
17688	3PBEF15D	MC0013 POWER CIRCUIT		A	Exposed	E-378B-3			
17802	CCWS	CC1407B	2CBF1158B	MV1407B CONTROL CIRCUIT	A	48319A	E-349-2		
17803			2CBF1158C	MV1407B CONTROL CIRCUIT	A	37520A	E-349-2		
17804			2CBF1158D	MV1407B CONTROL CIRCUIT	A	Nipple	E-349-2		
17819			2PBF1158A	MV1407B POWER CIRCUIT	A	48025B	E-349-2		
17825			EV1407B	MV1407B TERMINAL BOX (CH. 2)	A		E-349-2		
17826			MV1407B	CC OUTLET ISOLATION VALVE (CH. 2)	A		E-349-2		
17827			NV1407B	MV1407B LOCAL CONTROLLER (CH. 2)	A		E-349-2		
17911			CC1409	2CBF1227D	CC1409 CONTROL CIRCUIT	A	Exposed	E-378B-3	
17934	2PBF1227B	CC1409 POWER CIRCUIT		A	Exposed	E-378B-3			
18010	CC1410	2CBF1228D	CC1410 CONTROL CIRCUIT	A	Exposed	E-378B			
18033		2PBF1228B	CC1410 POWER CIRCUIT	A	Exposed	E-378B			
18126	CC1411A	1CBE1176H	MV1411A CONTROL CIRCUIT	A	37604A	E-349-2			
18137		1CLR3757A	MV1411A CONTROL CIRCUIT	A	37604A	E-349-2			
18147		1CLR3757B	MV1411A CONTROL CIRCUIT	A	37604A	E-349-2			
18165		RC3704	MV1411A RELAY CABINET (CH. 1)	A		E-349-2			
18202		CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	A	48315A	E-349-2		
18203	2CBF1159C		MV1411B CONTROL CIRCUIT	A	37517A	E-349-2			
18204	2CBF1159D		MV1411B CONTROL CIRCUIT	A	Nipple	E-349-2			
18224	2CBF1159H		MV1411B CONTROL CIRCUIT	A	2CED	E-356-7			
18225				A	2CEG	E-349-2, 347			
18226				A	37755A	E-349-2, 347			
18227				A	37755A	E-349-2			
18236	2CLR3758A		MV1411B CONTROL CIRCUIT	A	2CEG	E-349-2			
18237				A	37755A	E-349-2			
18238				A	37755A	E-349-2			
18246	2CLR3758B		MV1411B CONTROL CIRCUIT	A	2CEG	E-349-2			
18247				A	37755A	E-349-2			
18248				A	37755A	E-349-2			
18250A	2PBF1159A		MV1411B POWER CIRCUIT	A	48026A*	E-344, 345			
18251				A	48026B	E-349-2			
18256	EV1411B	MV1411B TERMINAL BOX (CH. 2)	A		E-349-2				
18259	MV1411B	CC INLET ISOLATION VALVE (CH. 2)	A		E-349-2				
18260	NV1411B	MV1411B LOCAL CONTROLLER (CH. 2)	A		E-349-2				
18261	RC3705	MV1411B RELAY CABINET (CH. 2)	A		E-349-2				
18316	CC1460	2CV1460D	SV1460 CONTROL CIRCUIT	A	2CEA	E-349-2			
18317				A	37450A	E-349-2			
18318				A	37450A	E-349-2			
18328		2CV1460E	SV1460 CONTROL CIRCUIT	A	2CEA	E-349-2			
18329				A	37450A	E-349-2			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18330	CCWS	CC1460	2CV1460E	SV1460 CONTROL CIRCUIT	A	37450A	E-349-2	
18508		CC1469	2CV1469C	SV1469 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
18509					A	2CEB	E-335, 332	
18510					A	17607A	E-335, 332	
18519			2CV1469E	SV1469 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
18520					A	2CEB	E-335, 332	
18521					A	17607A	E-335, 332	
18921		CC2645	1CBEL161G	MV2645 CONTROL CIRCUIT	A	1CEA	E-335	
18922					A	27510C	E-335	
18936			1CBEL161I	MV2645 CONTROL CIRCUIT	A	1CEA	E-335	
18937					A	27510C	E-335	
18940			1CBEL161J	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18957B			1CCCW001B	MV2645 CONTROL CIRCUIT	A	36010B*	E-337, 339	
18968B			1CCCW001C	MV2645 CONTROL CIRCUIT	A	36010B	E-337, 339	
18973			1CLR3757A	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18984			1CLR3757B	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
19008			RC3704	MV2645 RELAY CABINET (CH. 1)	A		E-349-2	
19119		CC2649	2CBF1161G	MV2649 CONTROL CIRCUIT	A	2CEB	E-335	
19120					A	2CEA	E-335, 349-2	
19144			2CBF1161I	MV2649 CONTROL CIRCUIT	A	2CEF	E-335	
19145					A	2CEG	E-335	
19146					A	2CEH	E-335	
19147					A	27168A	E-335	
19153			2CBF1161J	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19154					A	37755A	E-349-2	
19155					A	2CEG	E-349-2	
19156					A	2CEH	E-335	
19157					A	27168A	E-335	
19171C			2CCCW002B	MV2649 CONTROL CIRCUIT	A	36110B*	E-337, 339	
19181B			2CCCW002C	MV2649 CONTROL CIRCUIT	A	36110B*	E-337, 339	
19185			2CLR3758A	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19186					A	37755A	E-349-2	
19187					A	2CEG	E-349-2	
19197			2CLR3758B	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19198					A	2CEG	E-349-2	
19199					A	37755A	E-349-2	
19222			RC3705	MV2649 RELAY CABINET (CH. 2)	A		E-349-2	
19703		CC5095	1CBEL226B	MV5095 CONTROL CIRCUIT	A	37593A	E-335	
19704					A	1CEC	E-335	
19725A			1CBEL226F	MV5095 CONTROL CIRCUIT	A	46053B*	E-343, 344, 355	
19747			1CBEL226I	MV5095 CONTROL CIRCUIT	A	1CEC	E-335	
19748					A	37593A	E-335	
19753			1CBEL226J	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19758B					A	37035B*	E-339	
19773B			1CCCW001B	MV5095 CONTROL CIRCUIT	A	36010B*	E-337, 339	
19784B			1CCCW001C	MV5095 CONTROL CIRCUIT	A	36010B*	E-337, 339	
19789			1CLR3757A	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19800			1CLR3757B	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19813			1PBE1226A	MV5095 POWER CIRCUIT	A	46088B	E-349-2	
19814					A	46088B	E-347, 349-2	
19831			RC3704	MV5095 RELAY CABINET (CH. 1)	A		E-349-2	
19904		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	A	37450B	E-349-2	
19905					A	37450B	E-349-2	
19906					A	2CEA	E-349-2	
19947			2CBF1106I	MV5096 CONTROL CIRCUIT	A	2CEB	E-335	
19948					A	2CEA	E-335	
19949					A	37450B	E-335	
19950					A	37450B	E-349-2	
19955			2CBF1106J	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19956					A	37755A	E-349-2	
19957					A	37518A	E-349-2	
19958					A	2CEG	E-349-2	
19960					A	37450B	E-349-2	
19961					A	2CEA	E-349-2	
19962					A	37450B	E-349-2	
19975B			2CCCW002B	MV5096 CONTROL CIRCUIT	A	36110B*	E-337, 339	
19985B			2CCCW002C	MV5096 CONTROL CIRCUIT	A	36110B*	E-337, 339	
19989			2CLR3758A	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19990					A	37755A	E-349-2	
19991					A	2CEG	E-349-2	
20001			2CLR3758B	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
20002					A	37755A	E-349-2	
20003					A	2CEG	E-349-2	
20015			2PBF1106A	MV5096 POWER CIRCUIT	A	47342A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20030	CCWS	CC5096	RC3705	MV5096 RELAY CABINET (CH. 2)	A		E-349-2	
20110		CC5097	1CBEL227B	MV5097 CONTROL CIRCUIT	A	1CEC	E-335	
20111					A	37593A	E-335	
20125C			1CBEL227E	MV5097 CONTROL CIRCUIT	A	46053B*	E-343, 344, 355	
20144			1CBEL227I	MV5097 CONTROL CIRCUIT	A	37593A	E-335	
20145					A	1CEC	E-335	
20159A			1CBEL227J	MV5097 CONTROL CIRCUIT	A	37035B*	E-339	
20164					A	37604A	E-349-2	
20171B			1CCCW001B	MV5097 CONTROL CIRCUIT	A	36010B*	E-337, 339	
20187B			1CCCW001C	MV5097 CONTROL CIRCUIT	A	36010B*	E-337, 339	
20195			1CLR3757A	MV5097 CONTROL CIRCUIT	A	37604A	E-349-2	
20209			1CLR3757B	MV5097 CONTROL CIRCUIT	A	37604A	E-349-2	
20213			1PBE1227A	MV5097 POWER CIRCUIT	A	46088B	E-347, 349-2	
20214					A	46088B	E-349-2	
20231			RC3704	MV5097 RELAY CABINET (CH. 1)	A		E-349-2	
20304		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	A	2CEA	E-349-2	
20305					A	37450B	E-349-2	
20306					A	37450B	E-349-2	
20343			2CBF1119I	MV5098 CONTROL CIRCUIT	A	37450B	E-349-2	
20344					A	2CEA	E-349-2	
20345					A	2CEB	E-335	
20346					A	2CEC	E-335	
20347					A	37450B	E-349-2	
20358			2CBF1119J	MV5098 CONTROL CIRCUIT	A	37450B	E-349-2	
20359					A	37450B	E-349-2	
20360					A	2CEA	E-349-2	
20361					A	2CEG	E-349-2	
20362					A	37518A	E-349-2	
20363					A	37755A	E-349-2	
20364					A	37755A	E-349-2	
20371C			2CCCW002B	MV5098 CONTROL CIRCUIT	A	36110B*	E-337, 339	
20380C			2CCCW002C	MV5098 CONTROL CIRCUIT	A	36110B*	E-337, 339	
20397			2CLR3758A	MV5098 CONTROL CIRCUIT	A	2CEG	E-349-2	
20398					A	37755A	E-349-2	
20399					A	37755A	E-349-2	
20405			2CLR3758B	MV5098 CONTROL CIRCUIT	A	37755A	E-349-2	
20408					A	2CEG	E-349-2	
20409					A	37755A	E-349-2	
20412			2PBF1119A	MV5098 POWER CIRCUIT	A	47342A	E-349-2	
20429			RC3705	MV5098 RELAY CABINET (CH. 2)	A		E-349-2	
27303		FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	A	JB3735	E-349-2	
27304					A	37087B	E-349-2	
27305					A	2CEA	E-349-2	
27353			2CD2P23D	CONTROL POWER TO FIS1422D	A	37087A	E-349-2	
27354					A	37087A	E-349-2	
27355					A	JB3735	E-349-2	
26825D		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	A	37481A	E-335	
26825E					A	1CEA	E-335	
27317F		FIS1427D	2CD2P23A	CONTROL POWER TO FIS1422D	A	37087B	E-349-2	
27317G					A	37087B	E-349-2	
27317H					A	2CEA	E-349-2	
27317X			2CD2P23D	CONTROL POWER TO FIS1422D	A	37087A	E-349-2	
27317Y					A	37087A	E-349-2	
27317Z					A	JB3735	E-349-2	
26826D		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	A	37481A	E-335	
26826E					A	1CEA	E-335	
20505		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	A	27111A*	E-333, 339	
20506					A	27111A	E-333	
20507					A	27111	E-335	
20508					A	1CEA	E-335	
20522			1CAC113C	MP0431 CONTROL CIRCUIT	A	27111A*	E-333, 339	
20523					A	27111A	E-333	
20524					A	27111	E-335	
20525					A	1CEA	E-335	
20549			1CAC113E	MP0431 CONTROL CIRCUIT	A	27111	E-335	
20549F					A	27111A*	E-333, 339	
20550					A	1CEA	E-335	
20608B			1CCCW001B	MP0431 CONTROL CIRCUIT	A	36010B*	E-337, 339	
20619B			1CCCW001C	MP0431 CONTROL CIRCUIT	A	36010B*	E-337, 339	
20625B			1PAC113A	MP0431 POWER CIRCUIT	A	36011A*	E-337, 339	
20705		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
20706	CCWS	P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	A	2CEB	E-335		
20707			A	2CEB	E-335				
20720			2CAD113C	MP0432 CONTROL CIRCUIT	A	2CEA	E-335, 349-2		
20721			A	2CEB	E-335				
20722			A	2CEC	E-335				
20741			2CAD113E	MP0432 CONTROL CIRCUIT	A	2CEA	E-335, 349-2		
20742			A	2CEB	E-335				
20743			A	2CEC	E-335				
20797B			2CCCW002B	MP0432 CONTROL CIRCUIT	A	36110B*	E-337, 339		
20807B			2CCCW002C	MP0432 CONTROL CIRCUIT	A	36110B*	E-337, 339		
20812C			2PAD113A	MP0432 CONTROL CIRCUIT	A	36111A*	E-337, 339		
20905B			P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	A	27111A*	E-333, 339	
20906	A	27111A			E-333				
20907	A	27111			E-335				
20908	A	1CEA			E-335				
20918B	1CAC108C	MP0433 CONTROL CIRCUIT			A	27111A*	E-333, 339		
20919	A	27111A			E-333				
20924	A	27111			E-335		A		
20925	A	1CEA			E-335		A		
20992B	1CAC108H	MP0433 CONTROL CIRCUIT			A	27111B*	E-333, 339		
20993	A	27111A			E-333				
20994	A	27111			E-335				
20995	A	1CEA			E-335				
21004	1CAC108I	MP0433 CONTROL CIRCUIT			A	27111A	E-333		
21010B	A	27111A*			E-333, 339				
21011	A	27111			E-335				
21012	A	1CEA			E-335				
21034	1CAC108K	MP0433 CONTROL CIRCUIT			A	37593A	E-335		
21035	A	1CEC			E-335				
21063B	1CACD2C	MP0433 CONTROL CIRCUIT			A	27111A*	E-333, 339		
21064	A	27111A			E-333				
21065	A	27111			E-335				
21066	A	1CEA			E-335				
21096	2CACD3C	MP0433 CONTROL CIRCUIT			A	2CEB	E-335		
21102	A	2CEA			E-335, 349-2				
21103	A	2CEC			E-335				
21119	2CAD108B	MP0433 CONTROL CIRCUIT			A	2CEA	E-335, 349-2		
21120	A	2CEB			E-335				
21121	A	2CEC			E-335				
21134	2CAD108C	MP0433 CONTROL CIRCUIT			A	2CEA	E-335, 349-2		
21135	A	2CEB			E-335				
21136	A	2CEC	E-335						
21182	2CAD108H	MP0433 CONTROL CIRCUIT	A	2CEB	E-335				
21188	A	2CEA	E-335, 349-2						
21189	A	2CEC	E-335						
21202	2CAD108I	MP0433 CONTROL CIRCUIT	A	2CEA	E-335, 349-2				
21203	A	2CEB	E-335						
21204	A	2CEC	E-335						
21228B	2CAD108K	MP0433 CONTROL CIRCUIT	A	36204B*	E-337, 339				
21245C	3FACD1A	MP0433 POWER CIRCUIT	A	36203A*	E-337, 339				
21307	CFS	CF01A	2CBF1120D	MVCF01A CONTROL CIRCUIT	A	Exposed	E-378B-3		
21342			2CVCF01AD	MVCF01A CONTROL CIRCUIT	A	Exposed	E-378B-3		
21349			2PBF1120B	MVCF01A POWER CIRCUIT	A	Exposed	E-378B-3		
21511A	CREVS	C21-1	1CBEL209C	MC0211 CONTROL CIRCUIT	A	46055B*	E-343, 344, 355		
21775L			S33-1	1CBEL216E	MS33-1 CONTROL CIRCUIT	A	46060B*	E-343, 344, 355	
21722				1CCAC1C	MS3311 CONTROL CIRCUIT	A	27121A	E-335	
21723	A	1CEB		E-335					
22000	CSS	CS1531	2CBF1147B	MV1531 CONTROL CIRCUIT	A	48030B	E-349-2		
22001			A	48030A	E-349-2				
22002			A	48030A*	E-344, 345				
22003			2CBF1147C	MV1531 CONTROL CIRCUIT	A	37201A	E-349-2		
22005			2CBF1147E	MV1531 CONTROL CIRCUIT	A	Nipple	E-349-2		
22008			2CBF1147F	MV1531 CONTROL CIRCUIT (DH09A INTLK)	A	27438A	E-335, 418	10 D	
22008B			A	27442B	E-335		10 D		
22009			A	2CEH	E-335, 418				
22010			A	2CEH	E-335				
22011			A	37518A	E-349-2				
22012			A	2CEG	E-349-2				
22013			A	2CEA	E-349-2				
22014			A	37472E	E-349-2				
22015			A	37472E	E-349-2				
22031			2PBF1147A	MV1531 POWER CIRCUIT	A	48029B	E-349-2		
22032	A	48029A	E-349-2						
22033	A	48029A*	E-344, 345						

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22038	CSS	CS1531	EV1531	MV1531 TERMINAL BOX (CH. 2)	A		E-349-2	
22040			MV1531	CTMT SPRAY DISCH ISO VLV (CH. 2)	A		E-349-2	
22041			NV1531	MV1531 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
22104A	P56-1		1CBEL11B	MC0561 CONTROL CIRCUIT	A	46055B*	E-343,344,355	
22111A			1CBEL11C	MC0561 CONTROL CIRCUIT	A	46055B*	E-343,344,355	
22117A			1CBEL11D	MP0561 CONTROL CIRCUIT	A	46014D*	E-330, 331	
22118				46014C	E-332			
22125A			1CBEL11E	MC0561 CONTROL CIRCUIT	A	46055B*	E-343,344,355	
22137A			1CBEL11F	MP0561 CONTROL CIRCUIT	A	46014D*	E-330, 331	
22138				46014C	E-332			
22143A			1PBE111A	MP0561 POWER CIRCUIT	A	46013D*	E-330	
22144				46013C	E-332			
22214			P56-2		2CBF111D	MP0562 CONTROL CIRCUIT	A	46114F
22215		46114E			E-332			
22216		46114D*			E-330			
22217		46114C			E-332			
22227	2CBF111F	MP0562 CONTROL CIRCUIT			A	37472E	E-349-2	
22228		2CEA			E-347, 349-2			
22236	2CBF111G	MP0562 CONTROL CIRCUIT			A	37201A	E-349-2	
22237	2PBF111A	MP0562 POWER CIRCUIT			A	46113E	E-332	
22238		46113D*			E-330			
22239		46113C			E-332			
22241A	2PBF111J	MP0562 POWER CIRCUIT			A	46113E	E-332	
22244	EV1531	MP0562 TERMINAL BOX			A		E-332	
22245	MP0562	CTMT SPRAY PUMP 2			A		E-332	
22246	NP0562	MP0562 LOCAL CONTROLLER	A		E-332			
22300	DHRS	DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27428A	E-335	
22301				27435A	E-335			
22302				2CEH	E-335			
22303			2CBF1136C	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22304			2CBF1136D	MVDH01A CONTROL CIRCUIT	A	Nipple	E-335	
22305			2CBF1136E	MVDH01A CONTROL CIRCUIT	A	27707A	E-335	
22306				27436A	E-335			
22307				2CEH	E-335			
22312			2CBF1136F	MVDH01A CONTROL CIRCUIT	A	2CED	E-335, 349-2	
22313				2CEG	E-335			
22314				27704A	E-335			
22315				2CEH	E-335			
22316			2CBF1136H	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22321			2CBF1136J	MVDH01A CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
22322				27718A	E-335, 349-2			
22323				27718A	E-335			
22324			2PBF1136A	MVDH01A POWER CIRCUIT	A	27427A	E-335	
22325			BF1136	MVDH01A CIRCUIT BREAKER (CH. 2)	A		E-335	
22327			CDP-11C	MVDH01A DISCONNECT SWITCH (CH. 2)	A		E-335	
22328			EVDH01A	MVDH01A TERMINAL BOX (CH. 2)	A		E-335	
22329	MVDH01A	LPI LINE #2 VALVE (CH. 2)	A		E-335			
22330	NVDH01A	MVDH01A LOCAL CONTROLLER (CH. 2)	A		E-335			
22700B	DH09A		2CBF1142B	MVDH09A CONTROL CIRCUIT	A	27442C	E-335	
22701				27442B	E-335			10 D
22704A			2CBF1142E	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22708				2CEG	E-356-7			
22709				27438A	E-335			
22710				2CEH	E-335			
22711A			2CBF1142F	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22715				2CEG	E-356-7			
22716				27438A	E-335			
22717				2CEH	E-335			
22718			2CBF1142G	MVDH09A CONTROL CIRCUIT	A	27706A	E-335	
22718A				F11C	E-335			
22719				27447A	E-335			
22720				2CEH	E-335			
22725			2CBF1142H	MVDH09A CONTROL CIRCUIT	A	2CEG	E-356-7	
22726				27704A	E-335			
22727				2CEH	E-335			
22733A			2CBF1142K	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733B				27135A	E-335			
22733D			2CBF1142L	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733E		27135A	E-335					
22733G	2CBF1142M	MVDH09A CONTROL CIRCUIT	A	F11C	E-335			
22733H		27135A	E-335					
22734	2PBF1142A	MVDH09A POWER CIRCUIT	A	27441A	E-335			
22736	BF1142	MVDH09A CIRCUIT BREAKER (CH. 2)	A		E-335			
22740	CDP-11C	MVDH09A DISCONNECT SWITCH (CH. 2)	A		E-350			
22903	DH11	2CBF1130D	MVDH11 CONTROL CIRCUIT	A	Exposed	E-378B-3		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22933	DHRS	DH11	2CBF1130K	MVDH11 CONTROL CIRCUIT	A	2CEA	E-347, 349-2	
22934					A	37806B	E-347, 349-2	
22935					A	37806B	E-349-2	
22941			2PBF1130B	MVDH11 POWER CIRCUIT	A	Exposed	E-378B-3	
22952			RC3702	MVDH11 RELAY CABINET (CH. 2)	A		E-349-2	
23106		DH13A	2CVDH13AB	SVDH13A CONTROL CIRCUIT	A	2CEA	E-356-2, 347	
23107					A	2CEB	E-335	
23108					A	17607A	E-335	
23118			2CVDH13AG	SVDH13A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23306		DH14A	2CVDH14AB	SVDH14A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23307					A	2CEB	E-332, 335	
23308					A	17607A	E-332, 335	
23318			2CVDH14AE	SVDH14A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23319					A	2CEB	E-332, 335	
23320					A	17607A	E-332, 335	
23329			2CVDH14AF	SVDH14A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23330					A	2CEB	E-332, 335	
23331					A	17607A	E-332, 335	
23422		DH14B	1CVDH14BF	SVDH14B CONTROL CIRCUIT	A	37604A	E-349-2	
23433			RC3704	SVDH14B RELAY CABINET (CH. 1)	A		E-349-2	
23511		DH1517	1CBE1126D	MV1517 CONTROL CIRCUIT	A	27504B	E-335	
23512			1CBE1126E	MV1517 CONTROL CIRCUIT	A	Nipple	E-335	
23513			1CBE1126F	MV1517 CONTROL CIRCUIT	A	27253A	E-335	
23521			1CBE1126G	MV1517 CONTROL CIRCUIT (MV2733 INTLK)	A	27504B	E-335	
23523			1PBE1126A	MV1517 POWER CIRCUIT	A	27505A	E-335	
23527			EV1517	MV1517 TERMINAL BOX (CH. 1)	A		E-335	
23528			MV1517	DH REMOVAL SUCTION LINE 1 VALVE (CH. 1)	A		E-335	
23529			NV1517	MV1517 LOCAL CONTROLLER (CH. 1)	A		E-335	
23600		DH1518	2CBF1129B	MV1518 CONTROL CIRCUIT	A	27706A	E-335	
23601					A	27447A	E-335	
23602					A	2CEH	E-335	
23607			2CBF1129C	MV1518 CONTROL CIRCUIT	A	2CED	E-349-2, 347	
23608					A	2CEG	E-335	
23609					A	2CEH	E-335	
23610					A	2CEH	E-335	
23611					A	27705A	E-335	
23612			2CBF1129D	MV1518 CONTROL CIRCUIT	A	27434A	E-335	
23613					A	27447A	E-335	
23614					A	2CEH	E-335	
23615			2CBF1129E	MV1518 CONTROL CIRCUIT	A	Nipple	E-335	
23616			2CBF1129F	MV1518 CONTROL CIRCUIT	A	27254A	E-335	
23621			2CBF1129G	MV1518 CONTROL CIRCUIT (MV2734 INTLK)	A	27444C	E-335	
23622					A	27434A	E-335	
23623					A	2CEH	E-335	
23624			2PBF1129A	MV1518 POWER CIRCUIT	A	27433A	E-335	
23625			BF1129	MV1518 CIRCUIT BREAKER (CH. 2)	A		E-335	
23627			CDF-11C	MV1518 DISCONNECT SWITCH (CH. 2)	A		E-335	
23628			EV1518	MV1518 TERMINAL BOX (CH. 2)	A		E-335	
23629			MV1518	DH REMOVAL SUCTION LINE 2 VALVE (CH. 2)	A		E-335	
23630			NV1518	MV1518 LOCAL CONTROLLER (CH. 2)	A		E-335	
23721		DH2733	1CBE1121G	MV2733 CONTROL CIRCUIT (MV1517 INTLK)	A	27504B	E-335	
23722					A	EV1517	E-335	
23723					A	27253A	E-335	
23800		DH2734	2CBF1134B	MV2734 CONTROL CIRCUIT	A	27706A	E-335	
23801					A	27438A	E-335	
23802					A	2CEH	E-335	
23807			2CBF1134C	MV2734 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
23808					A	2CEG	E-335	
23809					A	2CEH	E-335	
23810					A	27705A	E-335	
23812			2CBF1134D	MV2734 CONTROL CIRCUIT	A	27444B	E-335	
23817			2CBF1134G	MV2734 CONTROL CIRCUIT (MV1518 INTLK)	A	EV1518	E-335	
23818					A	27444C	E-335	
23819					A	27254A	E-335	
23820					A	27434A	E-335	
23821					A	2CEH	E-335	
23829			2CBF1134H	MV2734 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
23830					A	2CEG	E-335	
23831					A	27438A	E-335	
23832					A	2CEH	E-335	
23833			2PBF1134A	MV2734 POWER CIRCUIT	A	27443A	E-335	
23836			BF1134	MV2734 CIRCUIT BREAKER (CH. 2)	A		E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
23839	DHRS	DH2734	CDF-11C	MV2734 DISCONNECT SWITCH (CH. 2)	A		E-335	
23860C		DH2736	2CBF1125B	DH2736 CONTROL CIRCUIT	A	47324A	E-349-2	
23860D			2CBF1125C	DH2736 CONTROL CIRCUIT	A	37504A	E-349-2	
23860E			2CBF1125D	DH2736 CONTROL CIRCUIT	A	NIPPLE	E-349-2	
23860A			2PBF1125A	DH2736 CONTROL CIRCUIT	A	47325A	E-349-2	
23865			EV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23864			MV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23866			NV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23900		DH63	2CBF1195B	MVDH63 CONTROL CIRCUIT	A	17625A	E-332	
23903			2CBF1195C	MVDH63 CONTROL CIRCUIT	A	18226A	E-332	
23904					A	18226C	E-332	
23910			2CBF1195E	MVDH63 CONTROL CIRCUIT	A	Nipple	E-332	
23923			2PBF1195A	MVDH63 POWER CIRCUIT	A	18225A	E-332	
23924					A	18225C	E-332	
23927			EVDH63	MVDH63 TERMINAL BOX (CH. 2)	A		E-332	
23928			MVDH63	LFI/HPI CROSS-TIE VALVE (CH. 2)	A		E-332	
23929			NVDH63	MVDH63 LOCAL CONTROLLER (CH. 2)	A		E-332	
24305B		P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	A	27113A*	E-333, 339	
24306					A	27113	E-335	
24307					A	1CEA	E-335	
24320E			1CAC112C	MP0421 CONTROL CIRCUIT	A	27113A*	E-333, 339	
24321					A	27113	E-335	
24322					A	1CEA	E-335	
24332A			1CAC112E	MP0421 CONTROL CIRCUIT	A	36008C*	E-330, 331	
24333					A	36008B (A)	E-332	
24343B			1CAC112F	MP0421 CONTROL CIRCUIT	A	27113A*	E-333, 339	
24344					A	27113	E-335	
24345					A	1CEA	E-335	
24354A			1PAC112A	MP0421 POWER CIRCUIT	A	36009C*	E-330, 331	
24355					A	36009B (A)	E-332	
24404		P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	A	2CEB	E-335, 349-2	
24405					A	2CEG	E-335	
24406					A	2CEF	E-335	
24418			2CAD112C	MP0422 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
24419					A	2CEG	E-335	
24420					A	2CEF	E-335	
24428			2CAD112E	MP0422 CONTROL CIRCUIT	A	36108E	E-332	
24429					A	36108D	E-332	
24430					A	36108C*	E-330	
24431					A	36108B	E-332	
24436			2CAD112F	MP0422 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
24437					A	2CEG	E-335	
24442					A	2CEF	E-335	
24451			2PAD112A	MP0422 POWER CIRCUIT	A	36109D	E-332	
24452					A	36109C*	E-330	
24453					A	36109B	E-332	
24458			MP0422	DH PUMP #2 (CH. 2)	A		E-332	
24459			NP0422	MP0422 LOCAL CONTROLLER (CH. 2)	A		E-332	
24508B	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	A	27113A*	E-333, 339	
24509					A	27113	E-335	
24510					A	1CEA	E-335	
24527B			1CGD104C	SV 1147A/B CONTROL CIRCUIT	A	27113A*	E-333, 339	
24528					A	27113	E-335	
24529					A	1CEA	E-335	
24547			1CGD104E	SV1147A/B CONTROL CIRCUIT	A	27120A	E-335	
24548					A	1CEB	E-335	
24607		DA1148A/B	2CGD204B	SV1148A/B CONTROL CIRCUIT	A	2CED	E-356-7	
24608					A	2CEG	E-335, 349-2, 347	
24609					A	2CEF	E-335	
24625			2CGD204C	SV1148A/B CONTROL CIRCUIT	A	2CED	E-356-7	
24626					A	2CEG	E-335, 349-2, 347	
24627					A	2CEF	E-335	
24646			2CGD204E	SV1148A/B CONTROL CIRCUIT	A	2CED	E-356-7	
24647					A	2CEG	E-335, 349-2, 347	
24648					A	2CEF	E-335	
24750B		K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	A	27112A*	E-333, 339	
24751					A	27112	E-335	
24752					A	1CEA	E-335	
24768B			1CGD101N	EDG 1-1 CONTROL CIRCUIT	A	27112A*	E-333, 339	
24769					A	27112	E-335	
24770					A	1CEA	E-335	
24816B					A	27112A*	E-333, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25870B	EDG	K5-1	1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	A	27112A*	E-333, 339	
25871					A	27112	E-335	
25872					A	1CEA	E-335	
25890B			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	A	27112A*	E-333, 339	
25891					A	27112	E-335	
25892					A	1CEA	E-335	
24817			1CGD105A	EDG 1-1 CONTROL CIRCUIT	A	27112	E-333	
24818					A	1CEA	E-335	
24844B			1CGD106A	EDG 1-1 CONTROL CIRCUIT	A	27112A*	E-333, 339	
24845					A	27112	E-335	
24846					A	1CEA	E-335	
24943		K5-2	2CGD201L	EDG 1-2 CONTROL CIRCUIT	A	2CEA	E-335	
24944					A	2CEB	E-335	
24945					A	2CEC	E-335	
24961			2CGD201N	EDG 1-2 CONTROL CIRCUIT	A	2CEA	E-335	
24962					A	2CEB	E-335	
24963					A	2CEC	E-335	
25003			2CGD205A	EDG 1-2 CONTROL CIRCUIT	A	2CED	E-356-7	
25004					A	2CEG	E-335, 349-2, 347	
25005					A	2CEF	E-335	
25033			2CGD206A	EDG 1-2 CONTROL CIRCUIT	A	2CED	E-356-7	
25034					A	2CEG	E-335, 349-2, 347	
25035					A	2CEF	E-335	
35651L	ESSPWR	BUS B	BCHBDDA	BKR HBBD CONT PWR (C1 BACKFEED)	A	BCGM	E-338, 349-2	A
25706		C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	A	27120A	E-332	
25707					A	1CEB	E-332	
25726			1CABDC1L	ABDC1 CONTROL CIRCUIT	A	27120A	E-332	
25727					A	1CEB	E-332	
25745B			1CAC101C	AC101 CONTROL CIRCUIT	A	27112A*	E-333, 339	
25746					A	27112	E-335	
25747					A	1CEA	E-335	
25761B			1CAC101D	AC101 CONTROL CIRCUIT	A	27112A*	E-333, 339	
25762					A	27112	E-335	
25763					A	1CEA	E-335	
25800B			1CAC1033A	SWGR C1 CONTROL	A	27111A*	E-333, 339	
25801					A	27111	E-335	
25802					A	1CEA	E-335	
25815B			1CAC1033B	SWGR C1 CONTROL	A	27111A*	E-333, 339	
25816					A	27111	E-335	
25817					A	1CEA	E-335	
25833B			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	A	27115A*	E-333, 339	
25834					A	27115	E-335	
25835					A	1CCE	E-335	
26006		C2	1CAC110C	AC110 CONTROL CIRCUIT	A	27120A	E-335	
26007					A	1CEB	E-335	
32038		C4808	1CY108AA	CONTROL POWER FROM Y1A	A	1CEA	E-335	
32039					A	27617B	E-335	
32121G		C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	A	46053B*	E-343, 344, 355	
31836A		C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	A	46053B*	E-343, 344, 355	
31854A		C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	A	46056B*	E-343, 344, 356-1	
58203C		C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	A	46051B*	E-343, 344, 355	
31899A		C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	A	46051B*	E-343, 344, 355	
26813A			1PD1P11A	CONTROL POWER TO SFRCS RELAY CH 3	A	46050B*	E-343, 344, 355	
26704A		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	A	46051B*	E-343, 344, 355	
31815A		C5762D	1CY107A	120V AC CONTROL POWER	A	46053B*	E-343, 344, 356-1	
24635		C5762E	1CY106A	CONTROL POWER TO C5762E	A	46053B*	E-355	
31963					A	46053B*	E-346, 347, 355	
32009C		C5763A	1CY1A105A	CONTROL POWER TO C5763A	A	46060B*	E-343, 344, 355	
26712A		C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	A	46051B*	E-343, 344, 355	
32404A			3CY307A	120V AC CONTROL POWER	A	46091B*	E-343, 344, 355	
32021C		C5799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	A	46060B*	E-343, 344, 355	
32056A			1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	A	46056B*	E-343, 344, 356-1	
31808A		C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	A	46058B*	E-343, 344, 356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
318100	BSSPWR	C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	A	46058A*	E-343, 344, 355	
31859		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	A	37604A	E-349-2	
31872					A	27617A	E-335	
31873					A	1CEA	E-335	
31888			1CY117B	CONTROL POWER TO RC3706	A	37604A	E-349-2	
32147		CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
32148					A	37806A	E-349-2	
32149					A	37806A	E-347, 349-2	
32150					A	2CEA	E-347, 349-2	
32164			2CY214B	CONTROL POWER TO RC4605 (P7531X)	A	2CEA	E-349-2	
32165					A	37806B	E-349-2	
32166					A	37806B	E-349-2	
32171			2CY214C	CONTROL POWER TO CDF-11A-1 (CF01A IND)	A	2CEA	E-349-2	
32172					A	37806B	E-349-2	
32173					A	37806B	E-349-2	
27247		CDF-12A-1	2CD2P20B	CONTROL POWER TO CDF11C	A	27704A	E-335	
27248					A	2CEH	E-335	
27249					A	2CEH	E-335	
27250					A	2CEG	E-335	
27251					A	2CED	E-335, 349-2, 347	
27273			2CD2P20D	CONTROL POWER TO CDF11D	A	2CED	E-349-2, 347, 335	
27274					A	2CEG	E-335	
27275					A	2CEH	E-335	
27276					A	2CEH	E-335	
27277					A	27704A	E-335	
26205	D1		2CAACD1C	AACD1 CONTROL CIRCUIT	A	2CEA	E-335	
26206					A	2CEB	E-335	
26207					A	2CEC	E-332	
26227			2CAACD1L	AACD1 CONTROL CIRCUIT	A	2CEA	E-335	
26228					A	2CEB	E-335	
26229					A	2CEC	E-332	
26241			2CAD101C	AD101 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347	
26242					A	2CEB	E-335	
26243					A	2CEC	E-335	
26256			2CAD101D	AD101 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347	
26257					A	2CEB	E-335	
26258					A	2CEC	E-335	
26288			2CAD1033A	SWGR D1 CONTROL CIRCUIT	A	2CEA	E-335	
26289					A	2CEB	E-335	
26290					A	2CEC	E-335	
26297			2CAD1033B	SWGR D1 CONTROL CIRCUIT	A	2CEA	E-335	
26303					A	2CEB	E-335	
26304					A	2CEC	E-335	
26318			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	A	2CED	E-335, 349-2, 347	
26319					A	27133A	E-335	
26320					A	2CEE	E-335	
26350			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347	
26351					A	2CEB	E-335	
26352					A	2CEC	E-335	
26369			2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347	
26370					A	2CEB	E-335	
26371					A	2CEC	E-335	
27003	D2		2CAD110C	AD110 CONTROL CIRCUIT	A	2CEA	E-335	
27006					A	2CEB	E-335	
27007					A	2CEC	E-335	
27050R			BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7	A	BCGK	E-338, 349-2	
27050S					A	BCGK	E-349-2, 347-1	
27051Y			BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	A	BCGL	E-338, 349-2	
27051Z					A	BCGL	E-349-2, 347	
27053D			BCAD2031A	BKR AMMETER AND TRIP AD110	A	BCGL	E-347-1	A
27028			BCAD2032A	SWGR D2 CONTROL CIRCUIT	A	BCGL	E-349-2	
27029					A	BCGL	E-349-2	
27804	DBC1PN		1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	A	36078A	E-349-2	
28104	DBC2PN		2PBF1187A	RS MCC F11D TO BATTERY CHARGER DBC2PN	A	36206A	E-349-2	
28605B	E1		1CAC11CEB	AC1CE11 CONTROL CIRCUIT	A	27111A*	E-333, 339	
28606					A	27111	E-335	
28607					A	1CEA	E-335	
28628B			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	A	27111A*	E-339, 333	
28629					A	27111	E-335	
28630					A	1CEA	E-335	
28644E			1CAC12CED	AC1CE12 CONTROL CIRCUIT	A	27111A*	E-333, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
28645	ESSPWR	E1	1CAC12CED	AC1CE12 CONTROL CIRCUIT	A	27111	E-335			
28646					A	1CEA	E-335			
28668B				1CAC12CEF	AC1CE12 CONTROL CIRCUIT	A	27111A*	E-333, 339		
28669					A	27111	E-335			
28670					A	1CEA	E-335			
28692A				1CBCE11B	BCE11 CONTROL CIRCUIT	A	46056B*	E-343, 344, 356-1		
28707A				1CBCE12B	BCE12 CONTROL CIRCUIT	A	46055B*	E-343, 344, 355		
28801E			E11A		1PBE107A	BE107 POWER CIRCUIT	A	46158B*	E-337, 333, 342	
28801F							A	46158B*	E-337, 333, 342	
28805C						1PBE107B	BE107 POWER CIRCUIT	A	46008B*	E-333, 337, 334
28805D					A	46008B*	E-333, 337, 334			
29603	E12E				1PBE1234A	BE1234 POWER CIRCUIT	A	18219A (B)	E-349-2	
29604					A	46087A*	E-343			
29604A					A	46087A (B)	E-349-2	A		
30305	F1		2CAD11DFD	AD1DF11 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347			
30306					A	2CEB	E-335			
30307					A	2CEC	E-335			
30326				2CAD11DFD	AD1DF11 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347		
30327					A	2CEB	E-335			
30328					A	2CEC	E-335			
30341				2CAD12DFD	AD1DF12 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347		
30342					A	2CEB	E-335			
30343					A	2CEC	E-335			
30362				2CAD12DFD	AD1DF12 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347		
30363					A	2CEB	E-335			
30364					A	2CEC	E-335			
30700	F11C		2PBF1143A	BF1143 POWER CIRCUIT	A	47021A	E-335			
30701					A	47021A	E-349-2			
30704				F11C	480VAC ESSEN MCC F11C (CH. 2)	A		E-335		
30802	F11D		2PBF1146A	BF1146 POWER CIRCUIT	A	47200A	E-349-2			
30902	F11E		2PBF1189A	BF1189 POWER CIRCUIT	A	18215B	E-332			
30903					A	18215B	E-335			
30904					A	18215B	E-349-2			
30905					A	JB3713	E-349-2			
30906					A	18215A	E-349-2			
31606			F7		BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	A	BCGK	E-338, 349-2	
31607					A	BCGK	E-349-2			
31608					A	BCGL	E-349-2, 356-4			
31625		BCAD2DF7F			AD2DF7 CONTROL CIRCUIT	A	BCGK	E-338, 349-2		
31626					A	BCGK	E-349-2			
31627					A	BCGL	E-349-2, 356-4			
32726	RC1761				BCYBU41A	CONTROL POWER TO WC1747	A	BCDR	E-351-4, 332	
32727					A	BCDS	E-351-4, 332			
32728					A	BCDT	E-351-4, 332			
32729					A	17705A	E-351-4, 332			
26610	RC3601		1CD1P21A	CONTROL POWER TO RC3701	A	37800A	E-349-2			
26611					A	37805A	E-349-2			
26620					A	46053B*	E-343, 344, 356-1			
26630				1CD1P21B	CONTROL POWER TO RC3601	A	37800A	E-349-1		
26631					A	37805A	E-349-2			
26638					A	27122A	E-335			
26639					A	1CEB	E-335			
26656				1CD1P21C	CONTROL POWER TO CDE11D	A	37805C	E-349-2		
27347			RC3602		2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
27347A							A	37806A	E-349-2	
27347B					A	37806A	E-349-2			
27347C					A	2CEA	E-349-2			
27347K		2CD2P21B			CONTROL POWER TO RC3602	A	36810A	E-349-2		
26725	RC3607		1CD1P21A	CONTROL POWER TO RC3601	A	37800A	E-349-2			
26726					A	37805A	E-349-2			
26734A					A	46053B*	E-343, 344, 356-1			
26741				1CD1P21B	CONTROL POWER TO RC3601	A	37800A	E-349-2		
26742					A	37805A	E-349-2			
26749					A	27122A	E-335			
26750					A	1CEB	E-335			
26767				1CD1P21C	CONTROL POWER TO CDE11D	A	37805C	E-349-2		
27278			RC3608		2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP			
27279	ESSPWR	RC3608	2CD2F21A	CONTROL POWER TO RC3702	A	37806A	E-349-2				
27280					A	37806A	E-349-2				
27281					A	2CEA	E-349-2				
27289				2CD2F21B	CONTROL POWER TO RC3602	A	36810A	E-349-2			
26910		RC3701	1CD1F21A	CONTROL POWER TO RC3701	A	37800A	E-349-2				
26911					A	37805A	E-349-2				
26920					A	46053B*	E-343,344,356-1				
26930				1CD1F21B	CONTROL POWER TO RC3601	A	37800A	E-349-2			
26931					A	37805A	E-349-2				
26938					A	27122A	E-335				
26939					A	1CEB	E-335				
26956				1CD1F21C	CONTROL POWER TO CDE11D	A	37805C	E-349-2			
27130	RC3702		2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2				
27131					A	37806A	E-349-2				
27132					A	37806A	E-349-2				
27133					A	2CEA	E-349-2				
27141			2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2				
32174	RC3705		2CY216A	CONTROL POWER TO RC3705 (LR3758)	A	37607A	E-349-2				
32175					A	EV1338	E-349-2				
32176					A	47328A	E-349-2				
32185				2CY216B	CONTROL POWER TO RC3703	A	37055A	E-349-2			
32186				2CY216C	CONTROL POWER TO WF60	A	27046A	E-335			
32187					A	2CEH	E-335				
32188					A	2CEH	E-335				
32189					A	2CEG	E-335				
32190					A	2CED	E-349-2				
32191					A	37611B	E-349-2				
32192					A	37611B	E-349-2				
31918			RC3715		ACDAP28A	CONTROL POWER (WC1453)	A	ACGH	E-338, 349-2		
31929						ACDAP28B	CONTROL POWER TO RC1760	A	ACDA	E-335, 351-4	
31930							A	ACDD	E-335		
31931					A	17359A	E-335				
26979	RC3716		BCYBU43A		A	BCGM	E-338, 349-2				
26980					A	BCHK	E-349-2				
26981					A	BCJD	E-349-2				
26982					A	37482B	E-349-2				
26985				BCYBU43B		A	37482B	E-349-2			
26986					A	BCJD	E-349-2				
26987					A	BCHD	E-349-2				
26983				RC3718		A		E-349-2			
27221	ZC6451		2CD2P13A	CONTROL POWER TO FW6451	A	2CEG	E-356				
27222					A	2CEF	E-335				
27223					A	27319A	E-335				
27224					A	JB2717	E-335				
27225					A	27318B	E-335				
27207	ZC6460		2CD2P10A	CONTROL POWER TO FW6460	A	2CEG	E-356				
27208					A	2CEF	E-335				
27209					A	24142A	E-308				
33800	HPIS	HP02A	2CBF1139B	MVHP02A CONTROL CIRCUIT	A	27432A	E-335				
33801					A	27448A	E-335, 418				
33802					A	2CEH	E-335				
33803				2CBF1139C	MVHP02A CONTROL CIRCUIT	A	27256A	E-335			
33804				2CBF1139D	MVHP02A CONTROL CIRCUIT	A	Nipple	E-335			
33805				2CBF1139E	MVHP02A CONTROL CIRCUIT	A	27707A	E-335			
33806					A	27436A	E-335, 418				
33807					A	2CEH	E-335				
33812				2CBF1139F	MVHP02A CONTROL CIRCUIT	A	2CEG	E-335, 349-2, 347			
33813					A	27704A	E-335				
33814					A	2CEH	E-335				
33819				2CBF1139G	MVHP02A CONTROL CIRCUIT	A	2CED	E-356-7			
33820					A	2CEG	E-335, 349-2, 347				
33821					A	27448A	E-335				
33822					A	2CEH	E-335				
33823				2PBF1139A	MVHP02A POWER CIRCUIT	A	27431A	E-335			
33824				BF1139	MVHP02A CIRCUIT BREAKER (CH. 2)	A		E-335			
33826				CDF-11C	MVHP02A DISCONNECT SWITCH (CH. 2)	A		E-335			
33827				EVHP02A	MVHP02A TERMINAL BOX (CH. 2)	A		E-335			
33828		MVHP02A	HPI LINE 2-1 DISCH ISO VLV (CH. 2)	A		E-335					
33829		NVHP02A	MVHP02A LOCAL CONTROLLER (CH. 2)	A		E-335					
33900	HP02B		2CBF1141B	MVHP02B CONTROL CIRCUIT	A	27430A	E-335				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
33901	HPIS	HP02B	2CBF1141B	MVHP02B CONTROL CIRCUIT	A	27448A	E-335	
33902					A	2CEH	E-335	
33903			2CBF1141C	MVHP02B CONTROL CIRCUIT	A	27255A	E-335	
33904			2CBF1141D	MVHP02B CONTROL CIRCUIT	A	Nipple	E-335	
33905			2CBF1141E	MVHP02B CONTROL CIRCUIT	A	27706A	E-335	
33906					A	27447A	E-335	
33907					A	2CEH	E-335	
33912			2CBF1141F	MVHP02B CONTROL CIRCUIT	A	2CED	E-356-7	
33913					A	2CEG	E-347, 356-7	
33914					A	27704A	E-335	
33915					A	2CEH	E-335	
33920			2CBF1141G	MVHP02B CONTROL CIRCUIT	A	2CED	E-356-7	
33921					A	2CEG	E-347, 356-7	
33922					A	27448A	E-335	
33923					A	2CEH	E-335	
33924			2PBF1141A	MVHP02B POWER CIRCUIT	A	27429A	E-335	
33925			BF1141	MVHP02B CIRCUIT BREAKER (CH. 2)	A		E-335	
33927			CDP-11C	MVHP02B DISCONNECT SWITCH (CH. 2)	A		E-335	
33928			EVHP02B	MVHP02B TERMINAL BOX (CH. 2)	A		E-335	
33929			MVHP02B	HPI LINE 2-2 DISCH ISO VLV (CH. 2)	A		E-335	
33930			NVHP02B	MVHP02B LOCAL CONTROLLER (CH. 2)	A		E-335	
34200		HP31	2CBF1194B	MVHP31 CONTROL CIRCUIT	A	17626A	E-332	
34201			2CBF1194C	MVHP31 CONTROL CIRCUIT	A	18226B	E-332	
34202					A	18226A	E-332	
34210			2CBF1194E	MVHP31 CONTROL CIRCUIT	A	Nipple	E-332	
34220A			2CBF1194G	MVHP31 CONTROL CIRCUIT	A	18424A	E-332	
34221			2PBF1194A	MVHP31 POWER CIRCUIT	A	18225B	E-332	
34222					A	18225A	E-332	
34227			EVHP31	MVHP31 TERMINAL BOX (CH. 2)	A		E-332	
34228			MVHP31	HPI PUMP 1-2 RECIRC ISO VLV (CH. 2)	A		E-332	
34229			NVHP31	MVHP31 LOCAL CONTROLLER (CH. 2)	A		E-332	
34411		P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	A	1CEC	E-335	
34412					A	27115	E-335	
34413					A	27115A*	E-333, 339	
34502C		P197-2	1CD106B	MP1972 CONTROL CIRCUIT	A	46058B*	E-343, 344, 355	
34526C			1CD106D	MP1972 CONTROL CIRCUIT	A	46058B*	E-343, 344, 355	
34541			1PD106A	MP1972 POWER CIRCUIT	A	47060D	E-332	
34543					A	47060C*	E-339, 333, 330	
34543A					A	47060C*	E-330, 333, 339	
34543C					A	47060C*	E-330, 333, 339	
34605		P198-1	2CBF1231B	MP1981 CONTROL CIRCUIT	A	2CED	E-356-7	
34606					A	17750A	E-332, 335, 349-2	
34607					A	2CEG	E-332, 335, 349-2	
34608					A	JB1738	E-332	
34609					A	Nipple	E-332	
34620A			2PBF1231A	MP1981 POWER CIRCUIT	A	47062C*	E-333, 333, 339	
34620B					A	47062C*	E-333, 333, 339	
34620C					A	47062C*	E-333, 333, 339	
34621					A	47062D	E-332	
34622			2PBF1231D	MP1981 POWER CIRCUIT	A	47062E	E-332	
34625			JT1715	MP1981 TERMINAL BOX (CH. 2)	A		E-332	
34626			MP1981	HPI PUMP 1-2 AC LUBE OIL PUMP (CH. 2)	A		E-332	
34627			NP1981	MP1981 LOCAL CONTROLLER (CH. 2)	A		E-332	
34705		P198-2	2CD206B	MP1982 CONTROL CIRCUIT	A	2CED	E-356-7	
34706					A	2CEG	E-332, 335, 349-2	
34707					A	17750A	E-332, 335, 349-2	
34708					A	JB1738	E-332	
34709					A	Nipple	E-332	
34723			2CD206D	MP1982 CONTROL CIRCUIT	A	2CED	E-356-7	
34724					A	17750A	E-332, 335, 349-2	
34725					A	2CEG	E-332, 335, 349-2	
34726					A	JB1738	E-332	
34727					A	17750B	E-332	
34731A			2PD206A	MP1982 POWER CIRCUIT	A	47061C*	E-330, 333, 339	
34731B					A	47061C*	E-330, 333, 339	
34731C					A	47061C*	E-330, 333, 339	
34732					A	47061D	E-332	
34735			FPDS4961	MP1982 PRESSURE SWITCH (CH. 2)	A		E-332	
34736			MP1982	HPI PUMP 1-2 DC LUBE OIL PUMP (CH. 2)	A		E-332	
34737			NP1982	MP1982 LOCAL CONTROLLER (CH. 2)	A		E-332	
34804		P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	A	27123A	E-335	
34805					A	1CEB	E-335	
34818			1CAC111C	MP0581 CONTROL CIRCUIT	A	27123A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
34819	HPIS	P58-1	1CAC111C	MP0581 CONTROL CIRCUIT	A	1CEB	E-335			
34831A			1CAC111E	MP0581 CONTROL CIRCUIT	A	36006C*	E-330, 331			
34832					A	36006B (A)	E-331, 332			
34841			1CAC111F	MP0581 CONTROL CIRCUIT	A	27123A	E-335			
34842					A	1CEB	E-335			
34853A			1PAC111A	MP0581 POWER CIRCUIT	A	36007C*	E-330, 331			
34854					A	36007B (A)	E-332			
34905			P58-2	P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
34906							A	2CEB	E-335	
34907							A	2CEC	E-335	
34920	2CAD111C	MP0582 CONTROL CIRCUIT			A	2CEA	E-335, 349-2			
34921					A	2CEB	E-335			
34922					A	2CEC	E-335			
34930	2CAD111E	MP0582 CONTROL CIRCUIT			A	36106C*	E-330			
34931					A	36106B	E-332			
34936					A	36106D	E-332			
34937					A	36106E	E-332			
34938	2CAD111F	MP0582 CONTROL CIRCUIT			A	2CEA	E-335, 349-2			
34939					A	2CEB	E-335			
34945					A	2CEC	E-335			
34954	2PAD111A	MP0582 POWER CIRCUIT			A	36107B	E-332			
34955					A	36107C*	E-330			
34957					A	36107D	E-332			
34960	MP0582	HPI PUMP 1-2 (CH. 2)			A		E-332			
34961	NP0582	MP0582 LOCAL CONTROLLER (CH. 2)			A		E-332			
36019	HVAC	C71-1			1CBE1217E	MC0711 CONTROL CIRCUIT	A	27142A	E-335	
36020					A	1CEB	E-335			
36229			C73-2	2PBF1205A	MC0732 POWER CIRCUIT	A	46005C	E-335		
36232					A	46005B*	E-337, 342, 342			
36232A					A	46005B*	E-333, 337, 342			
37417A	HV5305A	HV5305A	1CBE1240E	MV5305A CONTROL CIRCUIT	A	46051B*	E-343, 344, 355			
37416A			HV5305B	HV5305B	1CBE1241E	MV5305B CONTROL CIRCUIT	A	46051B*	E-343, 344, 355	
37516A					A	46051B*	E-343, 344, 355			
40735	MUPS	HP27	N/A	HPI TO RCP SEALS	A	MAN				
40812			MU01A	2CBF1237D	MVMU01A CONTROL CIRCUIT	A	Exposed	E-378B-3		
40829					2CBF1237G	MVMU01A CONTROL CIRCUIT	A	Exposed	E-378B-3	
40847		2PBF1237B			MVMU01A POWER CIRCUIT	A	Exposed	E-378B-3		
40912		MU01B	2CBF1238D	MVMU01B CONTROL CIRCUIT	A	Exposed	E-378B-3			
40928				2CBF1238G	MVMU01B CONTROL CIRCUIT	A	Exposed	E-378B-3		
40945				2PBF1238B	MVMU01B POWER CIRCUIT	A	Exposed	E-378B-3		
41204		MU03	MU03	2CSF1744A	SVMU03 CONTROL CIRCUITS	A	2CED	E-349-2		
41205						A	37611A	E-349-2		
41206						A	37611A	E-349-2		
41207				2CSF1744B	SVMU03 CONTROL CIRCUITS	A	37611A	E-349-2		
41208						A	37611A	E-335		
41209						A	2CED	E-335		
41210						A	2CEG	E-335		
41211						A	2CEH	E-335		
41212						A	28110A	E-335		
41248				RC3703	SVMU03 RELAY CABINET	A		E-349-2		
42104		MU04	MU04	ACBE2259C	MU4 CONTROL CIRCUIT	A	ACJH	E-349		
41306				MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	A	ACJH	E-349	
41406	MU10B			ACBE2263C	MU10B CONTROL CIRCUIT	A	ACJH	E-349		
41507	MU11			ACBE2278C	MU11 CONTROL CIRCUIT	A	ACJH	E-349		
41529					ACBE2278I	MU11 CONTROL CIRCUIT	A	ACJH	E-349	
41555					ACBE2278L	MU11 CONTROL CIRCUIT	A	ACJH	E-349	
41635	MU19			BCY36218A	MU19 CONTROL CIRCUIT	A	BCGN	E-338, 349-2		
41636							A	BCGN	E-349-2, 356-4	
41706	MU1903			ACBE2271C	MU1903 CONTROL CIRCUIT	A	ACJH	E-349		
41812	MU32			BCY36217A	MU32 CONTROL CIRCUIT	A	BCHD	E-349-2		
41817							A	BCJD	E-349-2	
41818					A	BCHK	E-349-2			
41819					A	BCGM	E-349-2			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
41820	MUPS	MU32	BCY36217A	MU32 CONTROL CIRCUIT	A	36542A	E-349-2	
41821					A	BCGN	E-349-2	
41830			BLCOP532A	MU32 INSTRUMENTATION CIRCUIT	A	BLJK	E-347, 349-2	
41831					A	BLJK	E-349-2	
41832					A	BLHC	E-349-2	
42024		MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	A	2CEG	E-347	
42025					A	2CEG	E-335	
42026					A	2CEH	E-335, 335-1	
42027					A	27877A	E-335	
42028					A	EV64220	E-335	
42029					A	27879A	E-335	
42043			2PBF1617D	MV3971 POWER CIRCUIT	A	46962E	E-349-2	
42044					A	46962E	E-335-1	
42045					A	JB2759	E-335-1	
42706		MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	A	2CEG	E-397	
42707					A	2CEG	E-335	
42708					A	2CEH	E-335	
42709					A	27877A	E-335	
42710					A	EV64220	E-335	
42711					A	27879A	E-335	
42720			2CV6406D	SVMU6406 CONTROL CIRCUIT	A	27879A	E-335	
42721					A	EV64220	E-335	
42722					A	27877A	E-335	
42723					A	2CEH	E-335	
42724					A	2CEG	E-335	
42725					A	2CEG	E-347	
42917		MU6408	2CBF1208C	MV6408 CONTROL CIRCUIT	A	2CEG	E-347	
42918					A	2CEG	E-335	
42919					A	2CEH	E-335	
42920					A	27877A	E-335	
42921					A	EV64220	E-335	
42922					A	27879A	E-335	
42935			2PBF1208F	MV6408 POWER CIRCUIT	A	46962E	E-349	
42936					A	46962E	E-347, 349, 335	
42937					A	JB2759	E-335	
43221		MU6420	2CBF1616C	MU6420 CONTROL CIRCUIT	A	2CEG	E-347	
43222					A	2CEG	E-335	
43223					A	2CEH	E-335	
43224					A	27877A	E-335	
43225					A	EV64220	E-335	
43226					A	27879A	E-335	
43240			2PBF1616F	MV6420 POWER CIRCUIT	A	46962E	E-349	
43241					A	46962E	E-335	
43242					A	JB2759	E-335	
43410		MU6422	2CBF1108C	MV6422 CONTROL CIRCUIT	A	27877C	E-335	
43411			2CBF1108D	MV6422 CONTROL CIRCUIT	A	27877D	E-335	
43417			2CBF1108F	MV6422 CONTROL CIRCUIT	A	2CEG	E-347	
43418					A	2CEG	E-335	
43419					A	2CEH	E-335	
43420					A	27877A	E-335	
43424			2PBF1108E	MV6422 POWER CIRCUIT	A	46962E	E-349	
43425					A	46962E	E-335	
43426					A	JB2759	E-335	
43427					A	46962F	E-335	
43430			EV6422	MV6422 TERMINAL BOX (CH 2)	A		E-335	
43431			MV6422	MU CTMT ISO VALVE (CH 2)	A		E-335	
43432			NV6422	MV6422 LOCAL CONTROLLER (CH 2)	A		E-335	
43530		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	A	28110A	E-335	
43533					A	2CEH	E-335	
43534					A	2CEG	E-335	
43535					A	2CEG	E-335	
43537					A	2CED	E-356	
43830		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	A	28110A	E-335	
43833					A	2CEH	E-335	
43834					A	2CEG	E-335	
43835					A	2CEG	E-335	
43837					A	2CED	E-356	
44039G		P-371C	ACD117H	MP0371C CONTROL CIRCUIT	A	46059B*	E-347, 355	3 A
44061G			ACD117I	MP0371C CONTROL CIRCUIT	A	46059B*	E-347, 355	3 A
44061U			ACD117J	MP0371C CONTROL CIRCUIT	A	46059B*	E-347, 355	3 A
44076I			ACD117K	MP0371C CONTROL CIRCUIT	A	1CEC	E-335	3 A

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44076J	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	A	27115	E-335	3 A
44076K					A	27115A*	E-333	3 A
44080			APD117A	MP0371C POWER CIRCUIT	A	46920A	E-349-2	
44148		P-371D	ACBE1192G	MP0371D CONTROL CIRCUIT	A	ACJH	E-349-2	3 D
44149					A	37702A	E-349-2	3 D
44150					A	ACGH	E-349-2	3 D
44163			ACBE1192I	MP0371D CONTROL CIRCUIT	A	ACJH	E-349-2	3 D
44164					A	37702A	E-349-2	3 D
44165					A	ACGH	E-349-2	3 D
44156K			ACBE1192L	MP0371D CONTROL CIRCUIT	A	36312B	E-338, 349-2	3 A
44156L					A	JB3714	E-349-2	3 A
44156M					A	36312C	E-349-2	3 A
44171I			ACBE1192M	MP0371D CONTROL CIRCUIT	A	36312B	E-338, 349-2	3 A
44171J					A	JB3714	E-349-2	3 A
44171K					A	36312C	E-349-2	3 A
44210		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	A	27399A	E-335	
44227			BCBF1167C	MP0372B CONTROL CIRCUIT	A	27399A	E-335	
44229			BCBF1167D	MP0372B CONTROL CIRCUIT	A	27440A	E-335	
44232			BF1167	MP0372B CIRCUIT BREAKER (CH. B)	A		E-335	
44230			BPF1167A	MP0372B POWER CIRCUIT	A	27439A	E-335	
44338		P-372C	BCD217E	MP0372C CONTROL CIRCUIT	A	27399A	E-335	
44343A					A	28050B*	E-333	
44343C					A	28050B*	E-334	
44379			BCD217G	MP0372C CONTROL CIRCUIT	A	BCGN	E-349-2, 356-4	
44380					A	BCGN	E-349-2	
44391A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44386			BPD217A	MP0372C POWER CIRCUIT	A	36183C	E-335	
44403		P-372D	BCBF1168B	MP372D CONTROL CIRCUIT	A	27440A	E-335	
44414			BCBF1168C	MP372D CONTROL CIRCUIT	A	27399A	E-335	
44430			BCBF1168D	MP372D CONTROL CIRCUIT	A	27399A	E-335	
44446			BCBF1168E	MP372D CONTROL CIRCUIT	A	27399A	E-335	
44493			BCBF1168I	MP372D CONTROL CIRCUIT	A	BCGN	E-349-2, 347	
44494					A	BCGN	E-349-2	
44506A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44506			BF1168	MP372D CIRCUIT BREAKER (CH. B)	A		E-346	
44499			BPF1168A	MP372D POWER CIRCUIT	A	27437A	E-335	
44675B		P37-1	1PAC105A	MP0371A POWER CIRCUIT	A	36031B*	E-333, 337	
44634D			ACAC105E	MP0371A CONTROL CIRCUIT	A	36032B*	E-333, 337	
44642C			ACAC105F	MP0371A CONTROL CIRCUIT	A	36032B*	E-333, 337	
44642D					A	36032B*	E-333, 337	
44615I			ACAC105L	MP0371A CONTROL CIRCUIT	A	36312B	E-338, 349-2	3 A
44615J					A	JB3714	E-349-2	3 A
44615K					A	36312C	E-349-2	3 A
44623I			ACAC105M	MP0371A CONTROL CIRCUIT	A	36312B	E-338, 349-2	3 A
44623J					A	JB3714	E-349-2	3 A
44623K					A	36312C	E-349-2	3 A
44664I			ACAC105N	MP0371A CONTROL CIRCUIT	A	36312B	E-338, 349-2	3 A
44664J					A	JB714	E-349-2	3 A
44664K					A	36312C	E-349-2	3 A
44809B		P37-2	2PAD105A	MP0372A POWER CIRCUIT	A	36131B*	E-337	
44715			BCAD105B	MP0372A CONTROL CIRCUIT	A	BCGN	E-347, 356-4	
44716					A	BCGN	E-349-2	
44728			BCAD105C	MP0372A CONTROL CIRCUIT	A	BCGN	E-347, 356-4	
44729					A	BCGN	E-349-2	
44744C			BCAD105E	MP0372A CONTROL CIRCUIT	A	36132B*	E-333, 337	
44744D					A	36132B*	E-333, 337	
44752C			BCAD105F	MP0372A CONTROL CIRCUIT	A	36132B*	E-333, 337	
44752D					A	36132B*	E-333, 337	
44769			BCAD105G	MP0372A CONTROL CIRCUIT	A	BCGN	E-347, 356-4	
44770					A	BCGN	E-349-2	
44789			BCAD105H	MP0372A CONTROL CIRCUIT	A	BCGN	E-347, 356-4	
44790					A	BCGN	E-349-2	
44801			BCAD105K	MP0372A CONTROL CIRCUIT	A	BCHD	E-349-2	
44802					A	BCJD	E-349-2	
44803					A	BCJD	E-349-2, 356-4	
44850A		T15-1	N/A	CLEAN WASTE RECIEVER TANK 1-1	A	N/A		
44850		T15-2	N/A	CLEAN WASTE REVEIVER TANK 1-2	A	MAN		
44845A		WC119	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	A	N/A		
44908		WC1453	ACV1453C	WC1453 CONTROL CIRCUIT	A	ACDD	E-332	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44909	MUPS	WC1453	ACV1453C	WC1453 CONTROL CIRCUIT	A	ACDE	E-332	
44943			C1702	WC1453 CONTROL CABINET	A		E-332	
45130		WC1743	ACV1743A	WC1743 POWER CIRCUIT	A	17609C	E-332	
45131			ACV1743B	WC1743 CONTROL CIRCUIT	A	NIPPLE	E-332	
45132			ACV1743C	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45133					A	ACDD	E-332	
45135					A	ACDE	E-332	
45136			ACV1743D	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45137					A	ACDD	E-332	
45139					A	ACDD	E-332	
45140					A	17702A	E-332	
45141			ACV1743E	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45142					A	ACDD	E-332	
45147					A	17122B*	E-330	
45148					A	17122C	E-332	
45149					A	17122E	E-332	
45150					A	17122G	E-332	
45151					A	17122H	E-332	
45152			ACV1743F	WC1743 INDICATING CIRCUIT	A	17609C	E-322	
45160			ACV1743G	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45161					A	ACDD	E-332	
45172			C1702	WC1743 CONTROL CABINET	A		E-322	
45173			EV1751	WC1743 TERMINAL BOX	A		E-322	
45177			FLSHH1746	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-322	
45174			NV1743	WC1743 LOCAL CONTROLLER	A		E-322	
45176			RC1760	WC1743 RELAY CABINET	A		E-322	
45175			SV1743	WC1743 SOLENOID VALVE	A		E-322	
45000		WC1747	BCV1747A	WC1747 CONTROL CIRCUIT	A	17610C	E-332	
45001			BCV1747B	WC1747 CONTROL CIRCUIT	A	NIPPLE	E-332	
45002			BCV1747C	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45006					A	BCDR	E-332	
45007					A	BCDS	E-332	
45008					A	BCDT	E-332	
45009					A	BCDE	E-332	
45010			BCV1747D	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45014					A	BCDR	E-335	
45015					A	BCDS	E-332	
45016					A	BCDT	E-332	
45017					A	17703A	E-332	
45018			BCV1747E	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45022					A	BCDR	E-335	
45023					A	BCDS	E-332	
45024					A	17105A	E-332	
45025					A	17105B*	E-330	
45026					A	17105C	E-335	
45027					A	17105E	E-335	
45028					A	17105G	E-332, 335	
45029					A	17105H	E-335	
45029A			BCV1747F	WC1747 INDICATING CIRCUIT	A	17610C	E-332	
45030			BCV1747G	WC1747 CONTROL CIRCUIT	A	17610D	E-332	
45044			C1702	WC1747 CONTROL CABINET	A		E-335	
45041			EV1752	WC1747 TERMINAL BOX (CH B)	A		E-332	
45046			FLSHH1748	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-335	
45042			NV1747	WC1747 LOCAL CONTROLLER	A		E-332	
45043			RC1761	WC1747 RELAY CABINET	A		E-335	
45047			SV1747	WC1747 SOLENOID VALVE	A		E-332	
45408	NI	NI-5875A	2LNF5875B	NE5875, NI5875A INDICATING CIRCUIT	A	Exposed	E-366	
45611		NI-NI1	2LRPSA03X	NE, NT, NI-NI1 INDICATING CIRCUIT	A	Exposed	E-378B-3	
45613			2LRPSA03Y	NE, NT, NI-NI1 INDICATING CIRCUIT	A	Exposed	E-378B-3	
45615			2LRPSA03Z	NE, NT, NI-NI1 INDICATING CIRCUIT	A	Exposed	E-378B-3	
44799D	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	A	27134A	E-335	1 A
44799E					A	JT2729	E-335	1 A
44799F					A	27190A	E-335	1 A
44799G					A	27190A	E-335	1 A
44799H					A	27190A	E-349-2	1 A
44799I					A	27190B	E-349-2	1 A
44799J					A	37162A	E-349-2	1 A
44796D		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	A	27134A	E-335	1 A
44796E					A	JT2729	E-335	1 A
44796F					A	27190A	E-335	1 A
44796G					A	27190A	E-335	1 A
44796H					A	27190A	E-349-2	1 A
44796I					A	27190B	E-349-2	1 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44796J	NNI	FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	A	37162A	E-349-2	1 A
45800		FYI-HP03A	2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	A	36207F	E-335	
45801					A	36207E	E-335	
45802					A	36207C	E-335	
45803					A	JB2703	E-335	
45808			2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	A	36270A	E-349-2, 356-1	
45809					A	36270A	E-349-2	
45815			LFTHP03A	FYIHP03A FLOW TRANSMITTER (CH. 2)	A		E-335	
45902		FYI-HP03A1	2LHP03AA	FYIHP03A1 FLOW INDICATION CIRCUIT	A	36207F	E-335	
45903					A	36207E	E-335	
45904					A	36207C	E-335	
45905					A	JB2703	E-335	
45911			LFTHP03A	FYIHP03A1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46002		FYI-HP03B	2LHP03BA	FYIHP03B FLOW INDICATION CIRCUIT	A	JB2703	E-335	
46003					A	36207C	E-335	
46004					A	36207E	E-335	
46005					A	36207G	E-335	
46009			2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	A	36270A	E-349-2, 356-1	
46010					A	36270A	E-349-2	
46016			LFTHP03B	FYIHP03B FLOW TRANSMITTER (CH. 2)	A		E-335	
46104		FYI-HP03B1	2LHP03BA	FYIHP03B1 FLOW INDICATION CIRCUIT	A	JB2703	E-335	
46105					A	36207C	E-335	
46106					A	36207E	E-335	
46107					A	36207G	E-335	
46111			LFTHP03B	FYIHP03B1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46200		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46208					A	36273A	E-349-2	
46214			1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	A	37031A	E-349-2	
46215					A	37031A	E-349-2	
46302		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46309					A	36273A	E-349-2	
46400		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46403					A	36273A	E-338, 349-2	
46413			1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	A	37031A	E-349-2	
46414					A	37031A	E-349-2	
46502		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46505					A	36273A	E-338, 349-2	
46602		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	A	37725A	E-349-2	
46603					A	37725A	E-349-2	
46604					A	JB3720	E-349-2	
46605					A	36582B	E-349-2	
46702		LI-RC14-2	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	A	36591A	E-349-2	
46707			2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	A	Exposed	E-378B-3	
46812		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	A	37725A	E-349-2	
46813					A	37725A	E-349-2	
46814					A	JB3720	E-349-2	
46815					A	36582B	E-349-2	
46804			1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	A	37726A	E-347	
46805					A	37726A	E-349-2	
46806					A	JB3720	E-349-2	
46807					A	36582A	E-349-2	
46911		LI-RC14-4	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	A	36591A	E-349-2	
46906			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	A	36591A	E-349-2	
46916			2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	A	Exposed	E-378B-3	
47011		LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	A	36591A	E-349-2	
47006			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	A	36591A	E-349-2	
47016			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	A	Exposed	E-378B-3	
47102		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	A	36591A	E-349-2	
47107			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	A	Exposed	E-378B-3	
47206		LI-SP09A8	2LSGLT21C	LT, LI-SP09A8 INDICATING CIRCUIT	A	Exposed	E-378B-3	
47908		LI-SP09A8A	2LSGLT21C	LTSP09A8, LISP09A8A INDICATING CIRCUIT	A	Exposed	E-378B-1	
47307		LI-SP09A9	2LSGLT41C	LT, LI-SP09A9 INDICATING CIRCUIT	A	Exposed	E-378B-3	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47413	NNI	LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	A	37725A	E-349-2	
47414					A	37725A	E-349-2	
47415					A	JB3720	E-349-2	
47416					A	36582B	E-349-2	
47405			1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	A	37726A	E-347, 349-2	
47406					A	37726A	E-349-2	
47407					A	JB3720	E-349-2	
47408					A	36582A	E-349-2	
47502		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	A	37725A	E-349-2	
47503					A	37725A	E-349-2	
47504					A	JB3720	E-349-2	
47505					A	36582B	E-349-2	
48005	LRS-RC14	BLNNI153D		LRS-RC14 INDICATING CIRCUIT	A	EXPOSED (A)	E-378B-3	
48109	PI-6365A	2LP6365AB		PT6365A, PI6365A,A1 INDICATING CIRCUIT	A	Exposed	E-366	
48209	PI-6365A1	2LP6365AB		PT6365A, PI6365A,A1 INDICATING CIRCUIT	A	Exposed	E-366	
48305	PI-6365B	1LP6365BA		PT6365B, PI6365B,B1 INDICATING CIRCUIT	A	36582A	E-338, 349	
48306					A	JB3720	E-349	
48307					A	37560A	E-349	
48322			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	A	36582A	E-338, 349	
48323					A	JB3720	E-349	
48324					A	37560A	E-349	
48405	PI-6365B1	1LP6365BA		PT6365B, PI6365B,B1 INDICATING CIRCUIT	A	36582A	E-338, 349	
48406					A	JB3720	E-349	
48407					A	37560A	E-349	
48500	PI-RC2A3	4LSFPT41A		PT, PI-RC2A3 INDICATING CIRCUIT	A	37507A	E-349-2	
48502					A	37507A	E-347, 356-1	
48509			4LSFPT41B	PT, PI-RC2A3 INDICATING CIRCUIT	A	Exposed	E-378B-3	
48517			P4L1GX	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	A		E-349-2	
48613	PI-RC2A4	2LSFPT21B		PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	A	Exposed	E-378B-3	
48911	PI-SP12A	2LSP12A2A		PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	A	36591A	E-349-2	
48906		2LSP12A2B		PT-SP12A2, PI-SP12A IND CIRCUIT	A	36591A	E-349-2	
48917		2LSP12A2Z		PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	A	Exposed	E-378B-3	
49002	PI-SP12A1	2LSP12A2A		PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	A	36591A	E-349-2	
49008		2LSP12A2Z		PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	A	Exposed	E-378B-3	
49103	PI-SP12A1-A	ALNNI852G		PTSP12A1, PISP12A1A INDICATING CIRCUIT	A	ALGU	E-338, 349	
49102		ALNNI852T		PTSP12A1, PISP12A1A INDICATING CIRCUIT	A	Exposed	E-378B-3	
49115		PAL3DX		PTSP12A1, PISP12A1A FENE BOX (CH. A)	A		E-349-2	
49214	PI-SP12B	1LSP12B1A		PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	A	37725A	E-349-2	
49215					A	37725A	E-349-2	
49216					A	JB3720	E-349-2	
49217					A	36582B	E-349-2	
49206			1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	A	37726A	E-347, 356-1	
49207					A	37726A	E-349-2	
49208					A	JB3720	E-349-2	
49209					A	36582A	E-349-2	
49302	PI-SP12B1	1LSP12B1A		PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	A	37725A	E-349-2	
49303					A	37725A	E-349-2	
49304					A	JB3720	E-349-2	
49305					A	36582B	E-349-2	
49853	TE-RC3A6	2LTRC3A6A		TE-RC3A6 INDICATING CIRCUIT	A	EXPOSED		
50256	TE-RC4A2	BLNNI154Y		TE-RC4A2 INDICATING CIRCUIT	A	EXPOSED	E-378B-3	
50258		PBL1EX		TE-RC4A2 PENETRATION BOX	A		E-349-2	
49611	TI-RC3A4	2LRPSA07B		TE, TT, TI-RC3A4 INDICATING CIRCUIT	A	36591A	E-349-2	
49615		2LRPSA07ZA		TE, TT, TI-RC3A4 INDICATING CIRCUIT	A	Exposed	E-378B-3	E
49803	TI-RC3A6	2LTRC3A6A		TE, TT, TI-RC3A6 INDICATING CIRCUIT	A	Exposed	E-378B-3	
49910	TI-RC3B2	1LRPSB07B		TE, TT, TI-RC3B2 INDICATING CIRCUIT	A	37726A	E-347, 349-2	
49911					A	37726A	E-349-2	
49912					A	JB3720	E-349-2	
49913					A	36582A	E-349-2	
50101	TI-RC3B6	2LTRC3B6A		TE, TT, TI-RC3B6 INDICATING CIRCUIT	A	Exposed	E-378B-3	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
50203	NNI	TI-RC4A2	BLNNI154B	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A	BLJK	E-356-5	
50204					A	BLDC	E-349-2	
50205					A	36306A	E-349-2	
50206					A	BLGF	E-349-2	
50207			BLNNI154F	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A	36306A	E-349-2	
50214			BLNNI154Y	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A	Exposed	E-378B-3	
50215			C3712	TE-RC4A2 CONTROL PANEL	A		E-349-2	
50218			PBL1EX	TE, TT, TI-RC4A2 PENETRATION BOX	A		E-349-2	
50306		TI-RC4A4	ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	A	ALGU	E-349-2	
50312			ALNNI833Z	TE, TT, TI-RC4A4 INDICATING CIRCUIT	A	Exposed	E-378B-3	
50315			PAL3DX	TE, TT, TI-RC4A4 PENETRATION BOX	A		E-349-2	
50716	RCS	RC200	2CBF1285N	MV0200 CONTROL CIRCUIT	A	EXPOSED (A)	E-378B-3	
50720			2PBF1285M	MV0200 POWER CIRCUIT	A	EXPOSED	E-378B-3	
50804		RC239A	2CBF1126D	MV0239A CONTROL CIRCUIT	A	EXPOSED (A)	E-378B-3	
50820			2CBF1126H	MV0239A CONTROL CIRCUIT	A	18402A	E-412-1	
50821					A	18402A	E-332	
50839			2PBF1126B	MV0239A POWER CIRCUIT	A	EXPOSED	E-378B-3	
50841			C1708	MV0239A CONTROL CABINET (CH. 2)	A		E-412-1	
50904		RC239B	2CBF1127D	MV0239B CONTROL CIRCUIT	A	EXPOSED (A)	E-378B-3	
50915			2CBF1127G	MV0239B CONTROL CIRCUIT	A	18402A	E-332	
50916					A	18402A	E-412-1	
50928			2PBF1127B	MV0239B POWER CIRCUIT	A	Exposed	E-378B-3	
50930			C1708	MV0239B CONTROL CABINET (CH. 2)	A		E-412-1	
51056F		RC2A	2CVRC2K	SVRC2A (PORV) INDICATING CIRCUIT	A	EXPOSED (A)	E-378B-1	
51058C			2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	A	EXPOSED (A)	E-378B-1	
51101		RC4608A	1CV4608AA	SV4608A CONTROL CIRCUIT	A	Exposed	E-378B-3	
51102			1CV4608AC	SV4608A CONTROL CIRCUIT	A	36312D	E-349-2	
51104					A	36312B	E-349-2	
51105					A	JB3714	E-349-2	
51106					A	36312C	E-349-2	
51128			P1P3BX	SV4608A PENETRATION BOX (CH. 1)	A		E-349-2	
51301		RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	A	EXPOSED	E-378B-3	
51401		RC4610B	2CV4610BA	SV4610B CONTROL CIRCUIT	A	Exposed	E-378B-3	
51501		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	A	18402A	E-412-1	
51502					A	18402A	E-332	
51514					A	Exposed	E-378B-3	
51522			2CV4632D	SV4632 CONTROL CIRCUIT	A	18402A	E-332	
51523					A	18402A	E-332	
51541			C1708	SV4632 CONTROL CABINET	A		E-412-1	
53605A	SPAS	C5762D	1CY107A	120V AC CONTROL POWER	A	46053B*	E-343, 344, 355	
53705D		C5763D	3CY307A	120V AC CONTROL POWER	A	46091B*	E-343, 344, 355	
51616		HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	A	37805C	E-349-2	
51607			1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	A	37805C	E-348-2	
51706		HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	A	37806B	E-349-2	
51707					A	2CEA	E-349-2	
51715			2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	A	37806B	E-349-2	
51716					A	2CEA	E-349-2	
54404		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	A	37815C*	E-347	
56810	SFRCS	LLTSP9A8	2LSGLT21C	SG 2 LEVEL XMTR	A	Exposed	E-378B-3	
56913		LLTSP9A9	2LSGLT41C	SG 2 LEVEL XMTR	A	Exposed	E-378B-3	
57017		LLTSP9B6	2LSGLT21D	SG 1 LEVEL XMTR	A	Exposed	E-378B-3	
57113		LLTSP9B7	2LSGLT41D	SG 1 LEVEL XMTR	A	Exposed	E-378B-3	
57400		PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	A	2CEC	E-335	
57401					A	2CEB	E-335	
57402					A	2CEA	E-335, 349-2	
57500		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	A	2CED	E-335	
57501					A	2CEE	E-335	
57600		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	A	27122A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
57601 57606	SFRCS	PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	A	1CEB	E-335	
					A	36257A	E-338	
57700 57701 57707		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	A	27574A	E-335	
					A	1CEC	E-335	
					A	36259A	E-338	
58009 58010		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	A	38360A	E-349-2	
					A	2CEA	E-349-2	
60400 60401		RCPM1	1CRCPM11B	RCP MONITOR	A	1CEB	E-335	
					A	27122A	E-335	
60518 60520 60521		RCPM2	2CRCPM21B	RCP MONITOR	A	2CEA	E-335, 349-2	
					A	2CEB	E-335	
					A	2CEC	E-335	
60600 60601		RCPM3	1CRCPM31B	RCP MONITOR	A	27574A	E-335	
					A	1CEC	E-335	
60700 60701		RCPM4	2CRCPM41B	RCP MONITOR	A	2CED	E-335	
					A	2CEC	E-335	
61006 61007 61022 61023 61050 61051	SWS	P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC107C	MP0031 CONTROL CIRCUIT	A	1CEB	E-335	
			1CAC107C	MP0031 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC107C	MP0031 CONTROL CIRCUIT	A	1CEB	E-335	
			1CAC107F	MP0031 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC107F	MP0031 CONTROL CIRCUIT	A	1CEB	E-335	
61101 61105 61117 61118 61143 61144		P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD107B	MP0032 CONTROL CIRCUIT	A	2CEE	E-335	
			2CAD107C	MP0032 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD107C	MP0032 CONTROL CIRCUIT	A	2CEE	E-335	
			2CAD107F	MP0032 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD107F	MP0032 CONTROL CIRCUIT	A	2CEE	E-335	
61206 61207 61222 61223 61238 61239 61282 61283 61300 61301 61305 61317 61318 61330 61331 61343 61344		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC109B	MP0033 CONTROL CIRCUIT	A	1CEB	E-335	
			1CAC109C	MP0033 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC109C	MP0033 CONTROL CIRCUIT	A	1CEB	E-335	
			1CAC109D	MP0033 CONTROL CIRCUIT	A	27121A	E-335	
			1CAC109D	MP0033 CONTROL CIRCUIT	A	1CEB	E-335	
			1CACD4E	MP0033 CONTROL CIRCUIT	A	27121A	E-335	
			1CACD4E	MP0033 CONTROL CIRCUIT	A	1CEB	E-335	
			2CACD5E	MP0033 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
			2CACD5E	MP0033 CONTROL CIRCUIT	A	2CEB	E-335	
			2CAD109B	MP0033 CONTROL CIRCUIT	A	2CEC	E-335	
			2CAD109B	MP0033 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD109C	MP0033 CONTROL CIRCUIT	A	2CEE	E-335	
			2CAD109C	MP0033 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD109D	MP0033 CONTROL CIRCUIT	A	2CEE	E-335	
			2CAD109D	MP0033 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
			2CAD109D	MP0033 CONTROL CIRCUIT	A	2CEE	E-335	
61403 61404 61405 61406 61407 61408 61415 61419C 61428 61429 61430 61431 61432 61433 61435		SW1356	1CV1356B	SV1356 CONTROL CIRCUIT	A	37800D	E-349-2	
			1CV1356B	SV1356 CONTROL CIRCUIT	A	JB3725	E-349-2	
			1CV1356B	SV1356 CONTROL CIRCUIT	A	37800B	E-349-2	
			1CV1356C	SV1356 CONTROL CIRCUIT	A	Flex	E-349-2	
			1CV1356C	SV1356 CONTROL CIRCUIT	A	JB3710	E-349-2	
			1CV1356D	SV1356 CONTROL CIRCUIT	A	37800E	E-349-2	
			1CV1356E	SV1356 CONTROL CIRCUIT	A	37805C	E-349-2	
			1CV1356E	SV1356 CONTROL CIRCUIT	A	46051B*	E-343, 344, 355	
			1CV1356F	SV1356 CONTROL CIRCUIT	A	37805C	E-349-2	
			1CV1356F	SV1356 CONTROL CIRCUIT	A	37800G	E-349-2	
			1CV1356F	SV1356 CONTROL CIRCUIT	A	JB3725	E-349-2	
			1CV1356F	SV1356 CONTROL CIRCUIT	A	37800B	E-349-2	
			NV1356	SV1356 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
			RC3701	SV1356 RELAY CABINET (CH. 1)	A		E-349-2	
			SV1356B	CTMT AIR CLR 1 OUT ISO VLV SOLENOID	A		E-349-2	
61503 61504 61505 61506 61512 61513 61514 61515		SW1357	2CV1357B	SV1357 CONTROL CIRCUIT	A	37802D	E-349-2	
			2CV1357B	SV1357 CONTROL CIRCUIT	A	JB3726	E-349-2	
			2CV1357B	SV1357 CONTROL CIRCUIT	A	37802B	E-349-2	
			2CV1357C	SV1357 CONTROL CIRCUIT	A	37804C	E-349-2	
			2CV1357D	SV1357 CONTROL CIRCUIT	A	2CEA	E-349-2	
			2CV1357D	SV1357 CONTROL CIRCUIT	A	37806A	E-349-2	
			2CV1357D	SV1357 CONTROL CIRCUIT	A	37806A	E-349-2	
			2CV1357D	SV1357 CONTROL CIRCUIT	A	37802A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
61528	SWS	SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	A	2CEC	E-335			
61529					A	2CEB	E-335			
61530					A	2CEA	E-335, 349-2			
61531					A	37806B	E-335, 349-2			
61532					A	37806B	E-349-2			
61533					2CV1357F	SV1357 CONTROL CIRCUIT	A	37802F	E-349-2	
61534							A	JB3726	E-349-2	
61535							A	37802B	E-349-2	
61536					NV1357	SV1357 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
61537					RC3702	SV1357 RELAY CABINET (CH. 2)	A		E-349-2	
61539					SV1357B	CTMT AIR CLR 2 OUT ISO VLV SOLENOID	A		E-349-2	
61603C			SW1358		1CV1358AG	SV1358 CONTROL CIRCUIT	A	46051B*	E-343, 344, 355	
61611							A	37805C	E-349-2	
61616C							A	46056B*	E-343, 344, 355	
61626							1CV1358AH	SV1358 CONTROL CIRCUIT	A	37805A
61627							A	37800A	E-349-2	
61634					1CV1358AI	SV1358 CONTROL CIRCUIT	A	37805C	E-349-2	
61639C					1CV1358AJ	SV1358 CONTROL CIRCUIT	A	46058B*	E-343, 344, 355	
61648							A	37805C	E-349-2	
61656					1CV1358AK	SV1358 CONTROL CIRCUIT	A	37137A	E-349-2	
61657							A	JB3725	E-349-2	
61658							A	Nipple	E-349-2	
61666					1CV1358AL	SV1358 CONTROL CIRCUIT	A	37137B	E-349-2	
61674					2CV1358BG	SV1358 CONTROL CIRCUIT	A	2CEA	E-349-2	
61675							A	37806A	E-349-2	
61676							A	37806A	E-349-2	
61677							A	37802A	E-349-2	
61679G					2CV1358BH	SV1358 CONTROL CIRCUIT	A	46072A*	E-343, 344	
61686							A	2CEA	E-349-2	
61687							A	37806B	E-349-2	
61688							A	37806B	E-349-2	
61694					2CV1358BI	SV1358 CONTROL CIRCUIT	A	2CEA	E-349-2	
61695							A	37806A	E-349-2	
61696							A	37806A	E-349-2	
61697							A	37802A	E-349-2	
61699G					2CV1358BJ	SV1358 CONTROL CIRCUIT	A	46072A*	E-343, 344	
61706							A	2CEA	E-349-2	
61707							A	37806A	E-349-2	
61708							A	37806A	E-349-2	
61709							A	37802A	E-349-2	
61714					2CV1358BK	SV1358 CONTROL CIRCUIT	A	2CEG	E-356-7	
61715							A	2CEG	E-349-2	
61716							A	37138A	E-349-2	
61717							A	37138A	E-349-2	
61718					A	JB3726	E-349-2			
61719					A	Nipple	E-349-2			
61724			2CV1358BL	SV1358 CONTROL CIRCUIT	A	2CEG	E-356-7			
61725					A	2CEG	E-349-2			
61726					A	37138A	E-349-2			
61727					A	37138A	E-349-2			
61728					A	JB3726	E-349-2			
61729					A	37138B	E-349-2			
61733			3CV1358AB	SV1358 CONTROL CIRCUIT	A	37801F	E-349-2			
61734					A	JB3727	E-349-2			
61735					A	37801B	E-349-2			
61736			3CV1358AD	SV1358 CONTROL CIRCUIT	A	Flex	E-349-2			
61737					A	JB3711	E-349-2			
61738					A	37801G	E-349-2			
61739			3CV1358AE	SV1358 CONTROL CIRCUIT	A	37801A	E-349-2			
61741			NV1358	SV1358 LOCAL CONTROLLER	A		E-349-2			
61742			NV1358A	SV1358 LOCAL CONTROLLER	A		E-349-2			
61743			NV1358B	SV1358 LOCAL CONTROLLER	A		E-349-2			
61744			RC3701	SV1358 RELAY CABINET	A		E-349-2			
61745			RC3702	SV1358 RELAY CABINET	A		E-349-2			
61747			SV1358B	CTMT AIR CLR 3 OUT ISO VLV SOLENOID	A		E-349-2			
61800	SW1366		1CBE1142B	MV1366 CONTROL CIRCUIT	A	37803A	E-349-2			
61801					A	37805A	E-349-2			
61807					A	37803B	E-349-2			
61808					1CBE1142D	MV1366 CONTROL CIRCUIT	A	Nipple	E-349-2	
61825C					1CBE1142G	MV1366 CONTROL CIRCUIT	A	46055B*	E-343, 344, 355	
61835					1PBE1142A	MV1366 POWER CIRCUIT	A	38090A	E-349-2	
61840					EV1366	MV1366 TERMINAL BOX (CH. 1)	A		E-349-2	
61841					MV1366	CTMT AIR CLR 1-1 INLET ISO VLV (CH. 1)	A		E-349-2	
61842					NV1366	MV1366 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
61900			SW1367		2CBF1223B	MV1367 CONTROL CIRCUIT	A	37804A	E-349-2	
61901							A	37806A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61902	SWS	SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	A	37806A	E-349-2	
61903					A	2CEA	E-349-2	
61911			2CBF1223C	MV1367 CONTROL CIRCUIT	A	37804B	E-349-2	
61912			2CBF1223D	MV1367 CONTROL CIRCUIT	A	Nipple	E-349-2	
61926			2PBF1223A	MV1367 POWER CIRCUIT	A	46147A	E-349-2	
61934			EV1367	MV1367 TERMINAL BOX (CH. 2)	A		E-349-2	
61935			MV1367	CTMT AIR CLR 1-2 INLET ISO VLV (CH. 2)	A		E-349-2	
61936			NV1367	MV1367 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62015A		SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	A	46053B*	E-355	
62020			1CBE1207F	MV1368 CONTROL CIRCUIT	A	37800A	E-349-2	
62021					A	37805A	E-349-2	
62029A					A	46053B*	E-343, 344, 355	
62034			1CBE1207G	MV1368 CONTROL CIRCUIT	A	37801H	E-349-2	
62035			1CBE1207J	MV1368 CONTROL CIRCUIT	A	37801C	E-349-2	
62043G			2CBF1224B	MV1368 CONTROL CIRCUIT	A	46072A*	E-343, 344	
62061			2CBF1224F	MV1368 CONTROL CIRCUIT	A	37802A	E-349-2	
62062					A	37806A	E-349-2	
62063					A	37806A	E-349-2	
62064					A	2CEA	E-349-2	
62072			2CBF1224G	MV1368 CONTROL CIRCUIT	A	37804D	E-349-2	
62073			2CBF1224J	MV1368 CONTROL CIRCUIT	A	36808A	E-349-2	
62080			3PBE1207H	MV1368 POWER CIRCUIT	A	46075B	E-349-2	
62087			MV1368	CTMT AIR CLR 1-3 INLET ISO VLV	A		E-349-2	
62088			NV1368A	MV1368 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
62089			NV1368B	MV1368 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62090			RC3701	MV1368 RELAY CABINET (CH. 1)	A		E-349-2	
62091			RC3702	MV1368 RELAY CABINET (CH. 2)	A		E-349-2	
62421		SW1382	1CBE1218F	MV1382 CONTROL CIRCUIT	A	27120A	E-335	
62422					A	1CEB	E-335	
62441			1CBE1218H	MV1382 CONTROL CIRCUIT	A	27572A	E-335	
62442					A	1CEB	E-335	
62454			1CBE1218I	MV1382 CONTROL CIRCUIT	A	27572A	E-335	
62455					A	1CEB	E-335	
62469			1CPS4928C	MV1382 CONTROL CIRCUIT	A	1CEC	E-335	
62470					A	27226A	E-335	
62471					A	1CEB	E-335	
62472					A	27572A	E-335	
62477			1CPS4928D	MV1382 CONTROL CIRCUIT	A	1CEB	E-335	
62478					A	27572A	E-335	
62482			1CPS4928E	MV1382 CONTROL CIRCUIT	A	1CEB	E-335	
62483					A	27572A	E-335	
62600		SW1383	2CBF1177B	MV1383 CONTROL CIRCUIT	A	47426A	E-335	
62601					A	2CEH	E-335, 418	
62602					A	27435A	E-335, 418	
62603			2CBF1177C	MV1383 CONTROL CIRCUIT	A	27259A	E-335	
62604			2CBF1177D	MV1383 CONTROL CIRCUIT	A	Nipple	E-335	
62605			2CBF1177E	MV1383 CONTROL CIRCUIT	A	27707A	E-335	
62606					A	2CEH	E-335	
62607					A	27436A	E-335	
62612			2CBF1177F	MV1383 CONTROL CIRCUIT	A	2CED	E-356-7	
62613					A	2CEG	E-349-2	
62614					A	2CEH	E-335	
62615					A	2CEH	E-335	
62616					A	27705A	E-335	
62625			2CBF1177G	MV1383 CONTROL CIRCUIT	A	2CEF	E-335	
62626					A	2CEH	E-335	
62627					A	2CEH	E-335	
62628					A	27705A	E-335	
62640			2CBF1177H	MV1383 CONTROL CIRCUIT	A	2CEF	E-335	
62641					A	2CEG	E-335	
62642					A	2CEH	E-335	
62643					A	2CEH	E-335, 418	
62644					A	27438A	E-335, 418	
62645			2CBF1177I	MV1383 CONTROL CIRCUIT	A	27705A	E-335	
62646					A	2CEH	E-335	
62647					A	2CEH	E-335	
62648					A	2CEG	E-335	
62649					A	2CED	E-335	
62660			2CPS4929C	MV1383 CONTROL CIRCUIT	A	2CEE	E-335	
62661					A	27133A	E-335	
62662					A	2CED	E-335	
62673			2CPS4929D	MV1383 CONTROL CIRCUIT	A	2CEE	E-335	
62674					A	27133A	E-335	
62675					A	2CED	E-335	
62683			2CPS4929E	MV1383 CONTROL CIRCUIT	A	27259B	E-335	
62684					A	2CEH	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
62685	SWS	SW1383	2CPS4929E	MV1383 CONTROL CIRCUIT	A	2CEH	E-335			
62686					A	2CEG	E-335			
62687			A	2CED	E-335					
62715			2CSD04A	MV1383 CONTROL CIRCUIT	A	2CEF	E-335			
62716					A	2CEH	E-335			
62717					A	2CEH	E-335			
62718					A	27705A	E-335			
62719					A	27425A	E-335			
62720					2PBF1177A	MV1383 POWER CIRCUIT	A		E-335	
62723					BF1177	MV1383 CIRCUIT BREAKER (CH. 2)	A		E-335	
62725					CDP-11C	MV1383 DISCONNECT SWITCH (CH. 2)	A		E-335	
62728			EV1383	MV1383 TERMINAL BOX (CH. 2)	A		E-335			
62728			MV1383	AUX FEEDPUMP 1-2 SUCTION VALVE (CH. 2)	A		E-335			
62729			NV1383	MV1383 LOCAL CONTROLLER (CH. 2)	A		E-335			
62811			SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	A	2CEA	E-335		
62812	A	2CEB				E-335				
62813	A	2CEC				E-335				
62844	2CBF1277G	MV1395 CONTROL CIRCUIT				A	2CEA	E-335		
62845						A	2CEB	E-335		
62846						A	2CEC	E-335		
62913	SW1399	1CBE1277E	MV1399 CONTROL CIRCUIT	A	27120A	E-335				
62914				A	1CEB	E-335				
62948				1CBE1277G	MV1399 CONTROL CIRCUIT	A	27120A	E-335		
62949						A	1CEB	E-335		
63013B	SW1424	1CV1424D	SV1424 CONTROL CIRCUIT	A	37035B*	E-339				
63023B				1CV1424G	SV1424 CONTROL CIRCUIT	A	37035B*	E-339		
63107	SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	A	27122A	E-335				
63108				A	1CEB	E-335				
63139		2CV1429B	SV1429 CONTROL CIRCUIT	A	2CED	E-335, 349-2				
63140				A	2CEE	E-335				
63153				A	2CEA	E-349-2				
63154		A	37450A	E-349-2	A	37450A	E-349-2			
63155					A	37450A	E-349-2			
63170					A	36205E	E-335			
63171		3CV1429A	SV1429 CONTROL CIRCUIT	A	36205E	E-335				
63172				A	JB2703	E-335				
63178				A	36205E	E-335				
63179				A	36205E	E-335				
63180				A	JB2703	E-335				
63309		SW1434	2CV1434D	SV1434 CONTROL CIRCUIT	A	2CEA	E-349-2			
63310					A	37450A	E-349-2			
63311	A				37450A	E-349-2				
63323	2CV1434G		SV1434 CONTROL CIRCUIT	A	2CEA	E-349-2				
63324				A	37450A	E-349-2				
63325				A	37450A	E-349-2				
63416A	SW2927	1CBE1232F	MV2927 CONTROL CIRCUIT	A	46055B*	E-343, 344, 355				
63614	SW2929	1CBE1281F	MV2929 CONTROL CIRCUIT	A	27121A	E-335				
63615				A	1CEB	E-335				
63714	SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	A	2CEA	E-349-2, 335, 347				
63715				A	2CEB	E-335				
63716				A	2CEC	E-335				
63814	SW2931	1CBE1282F	MV2931 CONTROL CIRCUIT	A	27121A	E-335				
63815				A	1CEB	E-335				
63914	SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	A	2CEA	E-349-2, 347				
63915				A	2CEB	E-335				
63916				A	2CEC	E-335				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00066 00067	AFWS	AF3869	1PBE1146A	MV3869 POWER CIRCUIT	AB	48257A	E-350, 348	
					AB	48257A	E-350	
00418 00425		AF599	2PBF1118A 2PBF1118B	MV599 POWER CIRCUIT MV599 POWER CIRCUIT	AB AB	18215D 18215B	E-332, 412 E-412, 332	
00500 00501 00514 00515 00530 00531 00532 00533 00534 00538 00539 00540 00541 00545 00546 00547		AF608	1CBE1160C 1CBE1160D 1CBE1160G 1PBEE1160A 1PBEE1160B	MV608 CONTROL CIRCUIT MV608 CONTROL CIRCUIT MV608 CONTROL CIRCUIT MV608 POWER CIRCUIT MV608 POWER CIRCUIT	AB AB AB AB AB AB AB AB AB AB AB AB AB AB AB	38400A Nipple 48265A 48265A 18213A 18213A JB3809 48258A 48258A 18213A 18213A JB3809 38145A	E-350 E-350 E-350 E-348, 350 E-336 E-350 E-350 E-348, 350 E-336 E-350 E-350 E-350 E-350 E-350 E-350 E-350	
17701 17702 17705 17725B 17725C 17726 17727 17728 17738 17740	CCWS	CC1407A	1CBEE1173C 1CBEE1173D 1PBEE1173A 1PBEE1173B	MV1407A CONTROL CIRCUIT MV1407A CONTROL CIRCUIT MV1407A POWER CIRCUIT MV1407A POWER CIRCUIT	AB AB AB AB AB AB AB	1CJP 38076A Exposed 38001A* 38001A* JB3806 1PJA Exposed	E-350 E-350 E-363, 369 E-340 E-340 E-351 E-340 E-363, 369	
17738			P1C2LX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
17740			P1P2MX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18101 18102 18103 18149B 18149C 18150 18151 18162 18164		CC1411A	1CBEE1176C 1CBEE1176D 1PBEE1176A 1PBEE1176B	MV1411A CONTROL CIRCUIT MV1411A CONTROL CIRCUIT MV1411A POWER CIRCUIT MV1411A POWER CIRCUIT	AB AB AB AB AB	1CJP 38076A Exposed 38002A* 38002A* 38002A Exposed	E-350, 351-5 E-350, 351-5 E-378B-3 E-340 E-340 E-340, 350 E-378B-3	
18162			P1C2LX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18164			P1P2MX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18400 18401 18402 18410 18411 18412 18413 18421 18422 18425 18426 18427		CC1467	1CV1467A 1CV1467B 1CV1467C 1CV1467D 1CV1467E	SV1467 CONTROL CIRCUIT SV1467 CONTROL CIRCUIT SV1467 CONTROL CIRCUIT SV1467 CONTROL CIRCUIT SV1467 CONTROL CIRCUIT	AB AB AB AB AB AB AB	17608B JB1748 Nipple 1CDB 17608A 17608B JB1748 1CDB 17608A	E-332 E-332 E-332 E-332 E-332 E-332 E-332 E-332 E-332 E-332	
18425			EV1467	SV1467 TERMINAL BOX (CH. 1)	AB		E-332	
18426			NV1467	SV1467 LOCAL CONTROLLER (CH. 1)	AB		E-332	
18427			SV1467	DHR COOLER 1-1 OUT ISO VLV (CH. 1)	AB		E-332	
18500 18501 18502 18511 18512 18513 18522 18525 18526 18527		CC1469	2CV1469A 2CV1469B 2CV1469C 2CV1469D 2CV1469E	SV1469 CONTROL CIRCUIT SV1469 CONTROL CIRCUIT SV1469 CONTROL CIRCUIT SV1469 CONTROL CIRCUIT SV1469 CONTROL CIRCUIT	AB AB AB AB AB AB	17607C JB1747 Nipple 17607A 17607C JB1747 17607A	E-332 E-332 E-332 E-332 E-332 E-332 E-332	
18525			EV1469	SV1469 TERMINAL BOX (CH. 2)	AB		E-332	
18526			NV1469	SV1469 LOCAL CONTROLLER (CH. 2)	AB		E-332	
18527			SV1469	DHR COOLER 1-2 OUT ISO VLV (CH. 2)	AB		E-332	
21400 21401 21403 21439 21440 21444 21451 21452 21453 21459 21466	CFS	CF01B	1CBEE1162C 1CBEE1162D 1CVCF01BC 1CVCF01BD 1PBEE1162A 1PBEE1162B	MVCF01B CONTROL CIRCUIT MVCF01B CONTROL CIRCUIT MVCF01B CONTROL CIRCUIT MVCF01B CONTROL CIRCUIT CF01B POWER CIRCUIT MVCF01B POWER CIRCUIT	AB AB AB AB AB AB AB AB	38076C 1CJP Exposed 38076C 1CJP Exposed JB3806 1PJA 38010A* Exposed	E-350 E-350 E-378B-3 E-350 E-350 E-378B-3 E-350 E-350 E-340 E-378B-3	
21466			P1C2LX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
21468	CFS	CF01B	P1P2MX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350			
21900	CSS	CS1530	1CBEL156B	MV1530 CONTROL CIRCUIT	AB	38013B	E-350			
21903			1CBEL156C	MV1530 CONTROL CIRCUIT	AB	38401A	E-350			
21910			1CBEL156E	MV1530 CONTROL CIRCUIT	AB	Nipple	E-350			
21911			1CBEL156F	MV1530 CONTROL CIRCUIT (DH09B INTLK)	AB	28550A	E-335			
21918						AB	38401B	E-350		
21919			1CBEL156G	MV1530 CONTROL CIRCUIT (DH09B INTLK)	AB	27251A	E-335			
21944			1PBEL156A	MV1530 POWER CIRCUIT	AB	38014B	E-350			
21951			EV1530	MV1530 TERMINAL BOX (CH. 1)	AB		E-350			
21952			EVDH09B	MV1530 TERMINAL BOX (CH. 1)	AB		E-335			
21953			MV1530	CTMT SPRAY DISCH ISO VLV (CH. 1)	AB		E-350			
21954			NV1530	MV1530 LOCAL CONTROLLER (CH. 1)	AB		E-350			
22006			CS1531		2CBF1147F	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27442B	E-335	10 D
22008A							AB	27442B	E-335	
22016					2CBF1147G	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27252A	E-335	
22039	EVDH09A	MV1531 TERMINAL BOX (CH. 2)			AB		E-335			
22114	P56-1		1CBEL111D	MP0561 CONTROL CIRCUIT	AB	46014F	E-412			
22115					AB	JB1804	E-412			
22116					AB	46014E	E-412			
22117					AB	46014D*	E-330, 331			
22128			1CBEL111F	MP0561 CONTROL CIRCUIT	AB	38401B	E-350			
22134					AB	46014H	E-412			
22135					AB	JB1804	E-412			
22136					AB	46014E	E-412			
22137					AB	46014D*	E-330, 331			
22141			1CBEL111G	MP0561 CONTROL CIRCUIT	AB	38401A	E-350			
22142			1PBEL111A	MP0561 POWER CIRCUIT	AB	46013D	E-412			
22143					AB	46013D*	E-330			
22149			EV1530	MP0561 TERMINAL BOX	AB		E-412			
22150			MP0561	CTMT SPRAY PUMP 1	AB		E-412			
22151			NP0561	MP0561 LOCAL CONTROLLER	AB		E-412			
22400			DHRS	DH01B	1CBEL106B	MVDH01B CONTROL CIRCUIT	AB	28033B	E-336	
22401							AB	28033A*	E-334	
22402	1CBEL106C	MVDH01B CONTROL CIRCUIT			AB	28203A	E-336			
22403	1CBEL106D	MVDH01B CONTROL CIRCUIT			AB	Nipple	E-336			
22416	1CBEL106H	MVDH01B CONTROL CIRCUIT			AB	28203A	E-336			
22429	1PBEL106A	MVDH01B POWER CIRCUIT			AB	28034B	E-336			
22430					AB	28034A*	E-334			
22435	EVDH01B	MVDH01B TERMINAL BOX (CH. 1)			AB		E-336			
22436	MVDH01B	LPI LINE #1 VALVE (CH. 1)			AB		E-336			
22437	NVDH01B	MVDH01B LOCAL CONTROLLER (CH. 1)			AB		E-336			
22527	DH07A		2CBF1148J	MVDH07A CONTROL CIRCUIT	AB	27670A	E-336			
22528					AB	27670C	E-336			
22641	DH07B		1CBEL157J	MVDH07B CONTROL CIRCUIT	AB	27671A	E-335			
22642					AB	27671C	E-335			
22700	DH09A		2CBF1142B	MVDH09A CONTROL CIRCUIT	AB	27442C	E-335	10 D		
22701A					AB	27442B	E-335	10 A		
22702			2CBF1142C	MVDH09A CONTROL CIRCUIT	AB	27252A	E-335			
22703			2CBF1142D	MVDH09A CONTROL CIRCUIT	AB	Nipple	E-335			
22732			2CBF1142J	MVDH09A CONTROL CIRCUIT	AB	27670C	E-335			
22733					AB	27670B	E-335			
22735			2PBF1142A	MVDH09A POWER CIRCUIT	AB	27441A	E-335			
22741			EVDH09A	MVDH09A TERMINAL BOX (CH. 2)	AB		E-335			
22742			MVDH09A	CTMT SUMP ISOLATION VLV A (CH. 2)	AB		E-335			
22743			NVDH09A	MVDH09A LOCAL CONTROLLER (CH. 2)	AB		E-335			
22800	DH09B		1CBEL112B	MVDH09B CONTROL CIRCUIT	AB	28060A	E-335			
22802			1CBEL112C	MVDH09B CONTROL CIRCUIT	AB	27251A	E-335			
22803			1CBEL112D	MVDH09B CONTROL CIRCUIT	AB	Nipple	E-335			
22841			1CBEL112J	MVDH09B CONTROL CIRCUIT	AB	27671C	E-335			
22842					AB	27671B	E-335			
22844			1PBEL112A	MVDH09B POWER CIRCUIT	AB	28037B	E-335			
22845A					AB	28037A*	E-333			
22845B					AB	28037A*	E-333, 334			
22851			EVDH09B	MVDH09B TERMINAL BOX (CH. 1)	AB		E-335			
22852			MVDH09B	CTMT SUMP ISOLATION VLV B (CH. 1)	AB		E-335			
22853	NVDH09B	MVDH09B LOCAL CONTROLLER (CH. 1)	AB		E-335					
23000	DH12		1CBEL183C	MVDH12 CONTROL CIRCUIT	AB	38076C	E-350, 351-5			
23001					AB	1CJP	E-350, 351-5			
23006			1CBEL183D	MVDH12 CONTROL CIRCUIT	AB	Exposed	E-378B-3			
23034			1PBEL183A	MVDH12 POWER CIRCUIT	AB	JB3806	E-351-5			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23035	DHRS	DH12	1PBE1183A	MVDH12 POWER CIRCUIT	AB	1PJA	E-351-5	
23036					AB	38001A*	E-340	
23036A					AB	38001A*	E-340	
23041			1PBE1183B	MVDH12 POWER CIRCUIT	AB	Exposed	E-378B-3	
23047			P1C2LX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23049			P1P2MX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23100		DH13A	2CVDH13AA	SVDH13A CONTROL CIRCUIT	AB	17093A	E-332	
23109			2CVDH13AB	SVDH13A CONTROL CIRCUIT	AB	17607A	E-332	
23110			2CVDH13AC	SVDH13A CONTROL CIRCUIT	AB	17607D	E-332	
23111					AB	JB1739	E-332	
23112			2CVDH13AD	SVDH13A CONTROL CIRCUIT	AB	Nipple	E-332	
23119			2CVDH13AG	SVDH13A CONTROL CIRCUIT	AB	17607A	E-332	
23122			EV1469	SVDH13A TERMINAL BOX (CH. 2)	AB		E-332	
23123			NVDH13A	SVDH13A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23124			SVDH13A	DECAY HEAT CLR 2 BYPASS VLV (CH. 2)	AB		E-332	
23200		DH13B	1CVDH13BA	SVDH13B CONTROL CIRCUIT	AB	17094A	E-332	
23208			1CVDH13BB	SVDH13B CONTROL CIRCUIT	AB	1CDB	E-332	
23209					AB	17608A	E-332	
23210			1CVDH13BC	SVDH13B CONTROL CIRCUIT	AB	17608C	E-332	
23211					AB	JB1740	E-332	
23212			1CVDH13BD	SVDH13B CONTROL CIRCUIT	AB	Nipple	E-332	
23220			1CVDH13BE	SVDH13B CONTROL CIRCUIT	AB	1CDB	E-332	
23221					AB	17608A	E-332	
23224			EV1467	SVDH13B TERMINAL BOX (CH. 1)	AB		E-332	
23225			NVDH13B	SVDH13B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23226			SVDH13B	DECAY HEAT CLR 1 BYPASS VLV (CH. 1)	AB		E-332	
23300		DH14A	2CVDH14AA	SVDH14A CONTROL CIRCUIT	AB	17095A	E-332	
23309			2CVDH14AB	SVDH14A CONTROL CIRCUIT	AB	17607A	E-332	
23310			2CVDH14AC	SVDH14A CONTROL CIRCUIT	AB	17607B	E-332	
23311					AB	JB1741	E-332	
23312			2CVDH14AD	SVDH14A CONTROL CIRCUIT	AB	Nipple	E-332	
23321			2CVDH14AE	SVDH14A CONTROL CIRCUIT	AB	17607A	E-332	
23332			2CVDH14AF	SVDH14A CONTROL CIRCUIT	AB	17607A	E-332	
23335			EV1469	SVDH14A TERMINAL BOX (CH. 2)	AB		E-332	
23336			NVDH14A	SVDH14A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23338			SVDH14A	DECAY HEAT CLR 2 OUT VLV (CH. 2)	AB		E-332	
23400		DH14B	1CVDH14BA	SVDH14B CONTROL CIRCUIT	AB	17096A	E-332	
23408			1CVDH14BB	SVDH14B CONTROL CIRCUIT	AB	1CDB	E-332	
23409					AB	17608A	E-332	
23410			1CVDH14BC	SVDH14B CONTROL CIRCUIT	AB	17608D	E-332	
23411					AB	JB1742	E-332	
23412			1CVDH14BD	SVDH14B CONTROL CIRCUIT	AB	Nipple	E-332	
23420			1CVDH14BE	SVDH14B CONTROL CIRCUIT	AB	1CDB	E-332	
23421					AB	17608A	E-332	
23427			1CVDH14BF	SVDH14B CONTROL CIRCUIT	AB	1CDB	E-332	
23428					AB	17608A	E-332	
23431			EV1467	SVDH14B TERMINAL BOX (CH. 1)	AB		E-332	
23432			NVDH14B	SVDH14B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23434			SVDH14B	DECAY HEAT CLR 1 OUT VLV (CH. 1)	AB		E-332	
23514		DH1517	1CBE1126G	MV1517 CONTROL CIRCUIT (MV2733 INTLK)	AB	17355A	E-332	
23515					AB	EV2733	E-332	
23516					AB	17355B	E-332	
23518					AB	1CDB	E-332	
23617		DH1518	2CBF1129G	MV1518 CONTROL CIRCUIT (MV2734 INTLK)	AB	17358A	E-332	
23618					AB	EV2734	E-332	
23619					AB	27444A	E-332	
23620					AB	27444A	E-335	
23713		DH2733	1CBE1121D	MV2733 CONTROL CIRCUIT	AB	28313A	E-332	
23715			1CBE1121E	MV2733 CONTROL CIRCUIT	AB	Nipple	E-332	
23716			1CBE1121F	MV2733 CONTROL CIRCUIT	AB	17355A	E-332	
23717			1CBE1121G	MV2733 CONTROL CIRCUIT (MV1517 INTLK)	AB	17355C	E-332	
23718					AB	1CDB	E-332	
23734			1PBE1121A	MV2733 POWER CIRCUIT	AB	28312A	E-332	
23739			EV2733	MV2733 TERMINAL BOX (CH. 1)	AB		E-332	
23740			MV2733	LPI/DH PUMP 1 BWST SUCT VLV (CH. 1)	AB		E-332	
23741			NV2733	MV2733 LOCAL CONTROLLER (CH. 1)	AB		E-332	
23811		DH2734	2CBF1134D	MV2734 CONTROL CIRCUIT	AB	27444A	E-332	
23813			2CBF1134E	MV2734 CONTROL CIRCUIT	AB	Nipple	E-332	
23814			2CBF1134F	MV2734 CONTROL CIRCUIT	AB	17358A	E-332	
23815			2CBF1134G	MV2734 CONTROL CIRCUIT (MV1518 INTLK)	AB	27444A	E-335	
23816					AB	27444A	E-332	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
23834	DHRS	DH2734	2PBF1134A	MV2734 POWER CIRCUIT	AB	27443A	E-335			
23835						AB	27443A	E-332		
23840				EV2734	MV2734 TERMINAL BOX (CH. 2)	AB		E-332		
23841				MV2734	LPI/DH PUMP 2 BWST SUCT VLV (CH. 2)	AB		E-332		
23842				NV2734	MV2734 LOCAL CONTROLLER (CH. 2)	AB		E-332		
23845F		DH2735		1CBE1155C	DH2735 CONTROL CIRCUIT	AB	1CJP	E-350, 351-5		
23845G							AB	380768	E-350, 351-5	
23845H							AB	EXPOSED	E-350, 348	
23845					1PBEB155A	DH2735 CONTROL CIRCUIT	AB	38385A	E-350, 351-5	
23845A							AB	EXPOSED	E-350, 348	
23851	DH63		P1C2LX	DH2735 CONTROL CIRCUIT	AB		E-351-5			
23850				P1P2MX	DH2735 CONTROL CIRCUIT	AB		E-351-5		
23902				2CBF1195C	MVDH63 CONTROL CIRCUIT	AB	18226A	E-412, 332		
23908				2CBF1195D	MVDH63 CONTROL CIRCUIT	AB	18227A	E-332, 412		
23922				2PBF1195A	MVDH63 POWER CIRCUIT	AB	18225A	E-332, 412		
24000		DH64		1CBE1187B	MVDH64 CONTROL CIRCUIT	AB	18233A	E-412		
24001					1CBE1187C	MVDH64 CONTROL CIRCUIT	AB	18232C	E-412	
24002							AB	18232B	E-412	
24003							AB	18232B	E-336	
24009							AB	48114A	E-350	
24015			1CBE1187E	MVDH64 CONTROL CIRCUIT	AB	Nipple	E-412			
24026			1PBE1187A	MVDH64 POWER CIRCUIT	AB	18235A	E-350			
24029					AB	18235A	E-412			
24032			EVDH64	MVDH64 TERMINAL BOX (CH. 1)	AB		E-412			
24033			MVDH64	LPI/HPI CROSS-TIE VALVE (CH. 1)	AB		E-412			
24034		NVDH64	MVDH64 LOCAL CONTROLLER (CH. 1)	AB		E-412				
24040	E27-1		N/A	DHRS COOLER 1-1	AB	MAN				
24045	E27-2		N/A	DHRS COOLER 1-2	AB	MAN				
24330	P42-1		1CAC112E	MP0421 CONTROL CIRCUIT	AB	36008F	E-332			
24331						AB	36008D	E-332		
24332						AB	36008C*	E-330, 331		
24353				1PAC112A	MP0421 POWER CIRCUIT	AB	36009D	E-332		
24354						AB	36009C*	E-330		
24361			MP0421	DH PUMP #1 (CH. 1)	AB		E-332			
24362			NP0421	MP0421 LOCAL CONTROLLER (CH. 1)	AB		E-332			
28801A		ESSPWR	E11A	1PBE107A	BE107 POWER CIRCUIT	AB	46158B*	E-337,333,342		
28801B							AB	46158B*	E-337,333,342	
28801D							AB	46158B*	E-337,333,342	
28805A				1PBE107B	BE107 POWER CIRCUIT	AB	46008B*	E-333,337,334		
28805B						AB	46008B*	E-333,337,334		
29101A	E11D		1PBE1132A	BE1132 POWER CIRCUIT	AB	46053B*	E-333			
29101B						AB	46053B*	E-333		
29101C						AB	46053B*	E-334		
29201	E11E		1PBE1150A	BE1150 POWER CIRCUIT	AB	38156A	E-348			
29202						AB	38156A	E-350, 351-5		
29600	E12E		1PBE1234A	BE1234 POWER CIRCUIT	AB	18219A	E-332, 412			
29607				1PBE1234B	BE1234 POWER CIRCUIT	AB	18210A	E-412		
29610				JT1807	BE1234 TERMINAL BOX (CH. 1)	AB		E-412		
30901	F11E		2PBF1189A	BF1189 POWER CIRCUIT	AB	18215B	E-332, 412			
34001	HPIS	HP02C	1CBE1103B	MVHP02C CONTROL CIRCUIT	AB	28032B	E-336			
34002				1CBE1103C	MVHP02C CONTROL CIRCUIT	AB	28204A	E-336		
34003				1CBE1103D	MVHP02C CONTROL CIRCUIT	AB	Nipple	E-336		
34028				1PBE1103A	MVHP02C POWER CIRCUIT	AB	28031B	E-336		
34032				EVHP02C	MVHP02C TERMINAL BOX (CH. 1)	AB		E-336		
34033			MVHP02C	HPI LINE 1-1 DISCH ISO VLV (CH. 1)	AB		E-336			
34034			NVHP02C	MVHP02C LOCAL CONTROLLER (CH. 1)	AB		E-336			
34101		HP02D		1CBE1105B	MVHP02D CONTROL CIRCUIT	AB	28024B	E-336		
34102					1CBE1105C	MVHP02D CONTROL CIRCUIT	AB	28208A	E-336	
34103					1CBE1105D	MVHP02D CONTROL CIRCUIT	AB	Nipple	E-336	
34128				1PBE1105A	MVHP02D POWER CIRCUIT	AB	28023B	E-336		
34132				EVHP02D	MVHP02D TERMINAL BOX (CH. 1)	AB		E-336		
34133		MVHP02D	HPI LINE 1-2 DISCH ISO VLV (CH. 1)	AB		E-336				
34134		NVHP02D	MVHP02D LOCAL CONTROLLER (CH. 1)	AB		E-336				
34203	HP31		2CBF1194C	MVHP31 CONTROL CIRCUIT	AB	18226A	E-412, 332			
34208				2CBF1194D	MVHP31 CONTROL CIRCUIT	AB	18227A	E-412, 332		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
34220B	HPIS	HP31	2CBF1194G	MVHP31 CONTROL CIRCUIT	AB	18424A	E-332, 412			
34223			2PBF1194A	MVHP31 POWER CIRCUIT	AB	18225A	E-412, 332			
34300	HP32		1CBEL286B	MVHP32 CONTROL CIRCUIT	AB	18234A	E-412			
34302			1CBEL286C	MVHP32 CONTROL CIRCUIT	AB	18231A	E-412			
34307			1CBEL286D	MVHP32 CONTROL CIRCUIT	AB	18232B	E-336			
34309					AB	18232B	E-412			
34310					AB	18232A	E-412			
34312			1CBEL286E	MVHP32 CONTROL CIRCUIT	AB	Nipple	E-412			
34321			1PBE1286A	MVHP32 POWER CIRCUIT	AB	18230A	E-412			
34325			EVHP32	MVHP32 TERMINAL BOX (CH. 1)	AB		E-412			
34326			MVHP32	HPI PUMP 1-1 RECIRC ISO VLV (CH. 1)	AB		E-412			
34327			NVHP32	MVHP32 LOCAL CONTROLLER (CH. 1)	AB		E-412			
34401			P197-1		1CBEL296B	MP1971 CONTROL CIRCUIT	AB	18360A	E-412	
34424					1CBEL296C	MP1971 CONTROL CIRCUIT	AB	18362B	E-412	
34426	1PBE1296A	MP1971 POWER CIRCUIT			AB	18361A	E-412			
34429	MP1971	HPI PUMP 1-1 AC LUBE OIL PUMP (CH. 1)			AB		E-412			
34430	NP1971	MP1971 LOCAL CONTROLLER (CH. 1)			AB		E-412			
34514	P197-2		1CD106B	MP1972 CONTROL CIRCUIT	AB	18362E	E-412			
34515				AB	18362C	E-412				
34516				AB	18362A	E-412				
34538			1CD106D	MP1972 CONTROL CIRCUIT	AB	18362D	E-412			
34539				AB	18362C	E-412				
34540				AB	18362A	E-412				
34542			1PD106A	MP1972 POWER CIRCUIT	AB	47060D	E-332, 412			
34551			FPDS4957	MP1972 PRESSURE SWITCH (CH. 1)	AB		E-412			
34552			MP1972	HPI PUMP 1-1 DC LUBE OIL PUMP (CH. 1)	AB		E-412			
34553			NP1972	MP1972 LOCAL CONTROLLER (CH. 1)	AB		E-412			
34829	P58-1		1CAC111E	MP0581 CONTROL CIRCUIT	AB	36006E	E-412			
34830				AB	36006D	E-412				
34831				AB	36006C*	E-330, 331				
34852			1PAC111A	MP0581 POWER CIRCUIT	AB	36007D	E-412			
34853				AB	36007C*	E-330, 331				
34858			MP0581	HPI PUMP 1-1 (CH. 1)	AB		E-412			
34859			NP0581	MP0581 LOCAL CONTROLLER (CH. 1)	AB		E-412			
36008	HVAC	C71-1	1CBEL1217E	MC0711 CONTROL CIRCUIT	AB	38132A	E-350			
36009				AB	1CJJP	E-350				
36036			RC3801	MC0711 RELAY CABINET (CH. 1)	AB		E-350			
37408	HV5305A		1CBEL240E	MV5305A CONTROL CIRCUIT	AB	38132A	E-350			
37409				AB	1CJJP	E-350				
37428			RC3801	MV5305A RELAY CABINET (CH. 1)	AB		E-350			
37507	HV5305B		1CBEL241E	MV5305B CONTROL CIRCUIT	AB	38132A	E-350			
37508				AB	1CJJP	E-350				
37527			RC3801	MV5305B RELAY CABINET (CH. 1)	AB		E-350			
39706	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	AB	38069A	E-350			
39710				AB	38069B*	E-359, 340				
39720C			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	AB	38069B*	E-340, 359			
39721				AB	38069A	E-350				
40705A	MUPS	E26-1	N/A	RCP SEAL COOLER 1	AB	N/A				
40705B		E26-2	N/A	RCP SEAL COOLER 2	AB	N/A				
40745	HP1556	N/A		MU RECIRCULATION TO BWST	AB	MAN				
40730	HP26	N/A		HPI TO RCP SEALS	AB	MAN				
40740	HP29	N/A		MU RECIRCULATION TO BWST	AB	MAN				
41000	MU02A		1CBEL171C	MVMU02A CONTROL CIRCUIT	AB	38076A	E-350			
41001				AB	1CJJP	E-350				
41008			1CBEL171D	MVMU02A CONTROL CIRCUIT	AB	Exposed	E-378B-3			
41030			1PBE1171A	MVMU02A POWER CIRCUIT	AB	JB3806	E-350			
41031				AB	1PJA	E-350				
41032				AB	38003A	E-340				
41039			1PBE1171B	MVMU02A POWER CIRCUIT	AB	Exposed	E-378B-3			
41046			P1C2LX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350			
41048			P1P2MX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350			
41101			MU02B		1CBEL172C	MVMU02B CONTROL CIRCUIT	AB	1CJJP	E-350	
41102		AB			38076A	E-350				
41106	1CBEL172D	MVMU02B CONTROL CIRCUIT			AB	Exposed	E-378B-3			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
41120	MUPS	MU02B	1CBEL172G	MVMU02B CONTROL CIRCUIT	AB	EV1530	E-350	
41121					AB	38451A	E-350	
41122					AB	38013B	E-350	
41134			1CBEL172H	MVMU02B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
41139			1CBEL172I	MVMU02B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
41145			1CBEL172J	MVMU02B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
41146			1PBEL172A	MVMU02B POWER CIRCUIT	AB	38004B	E-340	
41151			1PBEL172B	MVMU02B POWER CIRCUIT	AB	Exposed	E-378B-3	
41160			P1C2LK	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41162			P1P2MK	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41163			RC3801	MVMU02B RELAY CABINET (CH. 1)	AB		E-350	
41213		MU03	2CSF1744B	SVMU03 CONTROL CIRCUITS	AB	28110A	E-335	
41215					AB	JB2809	E-336	
41216					AB	28442F	E-336	
41217					AB	28442G	E-336	
41218			2CVMU03A	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41219			2CVMU03B	SVMU03 CONTROL CIRCUITS	AB	Nipple	E-336	
41228C			2CVMU03C	SVMU03 CONTROL CIRCUIT	AB	28107B*	E-339, 340	
41228D					AB	28107B*	E-339, 340	
41229					AB	28107A	E-336	
41230					AB	JB2809	E-336	
41231					AB	28236A	E-336	
41232			2CVMU03D	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41240C			2CVMU03E	SVMU03 CONTROL CIRCUIT	AB	28107B*	E-339, 340	
41240D					AB	28107B*	E-339, 340	
41241					AB	28107A	E-336	
41242					AB	JB2809	E-336	
41243					AB	28236A	E-336	
41245			EVMU03	SVMU03 TERMINAL BOX	AB		E-336	
41246			FPSELLMU03	SVMU03 PRESSURE SWITCH	AB		E-336	
41247			NVMU03	SVMU03 LOCAL CONTROLLER	AB		E-336	
41249			SVMU03	RC LETDOWN ISOLATION VALVE	AB		E-336	
42113		MU04	ACBE2259B	MU4 CONTROL CIRCUIT	AB	28419A	E-336	
42114			ACBE2259D	MU4 CONTROL CIRCUIT	AB	28206A	E-336	
42115			ACBE2259E	MU4 CONTROL CIRCUIT	AB	NIPPLE	E-336	
42117			APBE2259A	MU4 POWER CIRCUIT	AB	28418A	E-336	
42120			EVMU040	MU4 TERMINAL BOX	AB		E-336	
42121			MVMU040	LETDOWN PRESSURE REDUCING VALVE	AB		E-336	
41607		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	AB	BCFE	E-350	
41608					AB	BCJB	E-350	
41609					AB	27126A	E-350	
41610					AB	27126A	E-336	
41616			BCNNI264A	MU19 CONTROL CIRCUIT	AB	BCJE	E-350	
41617					AB	28025A	E-350	
41627			BCY36218A	MU19 CONTROL CIRCUIT	AB	BCFE	E-350	
41629					AB	BCFE	E-336	
41630					AB	28058A	E-336	
41649			BLNNI261D	MU19 CONTROL CIRCUIT	AB	27127C	E-336	
41657			BLNNI264B	MU19 CONTROL CIRCUIT	AB	BLFC	E-350	
41658					AB	28025B	E-350	
41660			FTMU19	MU19 FLOW TRANSMITTER (CH. B)	AB		E-332	
41661			FYMU19-2	MU19 FLOW CONVERTER (CH. B)	AB		E-350	
41662			VMU19	SEAL INJECTION INLET ISOLATION VALVE	AB		E-350	
41664			ZTMU19	MU19 LIMIT SWITCH (CH. B)	AB		E-350	
41722A		MU203	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
41722B		MU206	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
43860		MU208	N/A	HPI TO RCP SEALS	AB	MAN		
43860A		MU214	N/A	SEAL INJ INLET MAN ISO VLV	AB	N/A		
43860B		MU216	N/A	SEAL INJ FLOW CONTRL BYPASS VLV	AB	N/A		
41809		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	AB	27218A	E-335	
41813			BCY36217A	MU32 CONTROL CIRCUIT	AB	27232B	E-335	
41842			BLCOP532C	MU32 INSTRUMENTATION CIRCUIT	AB	27232A	E-335	
41852			BLNNI264D	MU32 CONTROL CIRCUIT	AB	27218B	E-335	
41852A			BLNNI264H	MU32 CONTROL CIRCUIT	AB	27218C	E-335	
41855			FYMU32	MU32 FLOW CONVERTER (CH. B)	AB		E-335	
41855A			FYMU32A	MU32 FLOW CONVERTER I/P	AB		E-335	
41856			FZTMU32	MU32 LIMIT SWITCH (CH. B)	AB		E-335	
41858			MU32	RC MAKEUP ISOLATION VALVE (CH. B)	AB		E-335	
41915		MU38	2CVMU38A	SVMU38 CONTROL CIRCUIT	AB	28235A	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41916	MUPS	MU38	2CVMU38B	SVMU38 CONTROL CIRCUIT	AB	Nipple	E-336, 418	
41924C			2CVMU38C	SVMU38 CONTROL CIRCUIT	AB	28107B*	E-339, 340	
41924D					AB	28107B*	E-339, 340	
41925					AB	28107A	E-336	
41926					AB	JB2809	E-336	
41927					AB	28234A	E-336	
41935C			2CVMU38D	SVMU38 CONTROL CIRCUIT	AB	28107B*	E-339, 340	
41935D					AB	28107B*	E-339, 340	
41936					AB	28107A	E-336	
41937					AB	JB2809	E-336	
41938					AB	28234A	E-336	
41939					AB	28235A	E-336	
41940			2CVMU38E	SVMU38 CONTROL CIRCUIT	AB	28234A	E-336	
41941					AB	JB2809	E-336	
41942					AB	28107A	E-336	
41943					AB	28107B*	E-339, 340	
41943A					AB	28107B*	E-339, 340	
41953			EVMU38	SVMU38 TERMINAL BOX (CH. 2)	AB		E-336, 418	
41954			NVMU38	SVMU38 LOCAL CONTROLLER (CH. 2)	AB		E-336, 418	
41955			SVMU38	RCP SEAL RETURN ISOLATION VALVE (CH. 2)	AB		E-336	
42031		MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	AB	27879A	E-335	
42032					AB	JB2761	E-335	
42033					AB	27879F	E-335	
42034			2CBF1617F	MV3971 CONTROL CIRCUIT	AB	27879G	E-335	
42035			2CBF1617G	MV3971 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42047			2PBF1617D	MV3971 POWER CIRCUIT	AB	JB2760	E-335-1	
42048					AB	46962J	E-335-1	
42071			EV3971	MV3971 TERMINAL BOX (CH 2)	AB		E-335	
42072			MU3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335	
42073			NV3971	MV3971 LOCAL CONTROLLER (CH 2)	AB		E-335	
42201		MU59A	1CBEL174C	MU59A CONTROL CIRCUIT	AB	1CJP	E-350	
42202					AB	38076C	E-350	
42206			1CBEL174D	MU59A CONTROL CIRCUIT	AB	Exposed	E-378B-3	
42228C			1PBEL174A	MU59A POWER CIRCUIT	AB	38006A*	E-340	
42228D					AB	38006A*	E-340	
42229					AB	38006A	E-350	
42230					AB	JB3806	E-350	
42231					AB	1PJA	E-350	
42235			1PBEL174B	MU59A POWER CIRCUIT	AB	Exposed	E-378B-3	
42239			P1C2LX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42241			P1P2MX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-363	
42301		MU59B	1CBEL175C	MU59B CONTROL CIRCUIT	AB	1CJP	E-350	
42302					AB	38076C	E-350	
42306			1CBEL175D	MU59B CONTROL CIRCUIT	AB	Exposed	E-378B	
42329			1PBEL175A	MU59B POWER CIRCUIT	AB	38005B	E-350	
43328C					AB	38005A*	E-340	
43328D					AB	38005A*	E-340	
42333			1PBEL175B	MU59B POWER CIRCUIT	AB	Exposed	E-378B	
42337			P1C2LX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42339			P1P2MX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42401		MU59C	1CBEL177C	MU59C CONTROL CIRCUIT	AB	1CJP	E-350	
42402					AB	38076C	E-350	
42406			1CBEL177D	MU59C CONTROL CIRCUIT	AB	Exposed	E-378B	
42428C			1PBEL177A	MU59C POWER CIRCUIT	AB	38007A*	E-340	
42428D					AB	38007A*	E-340	
42429					AB	38007B	E-350	
42433			1PBEL177B	MU59C POWER CIRCUIT	AB	Exposed	E-378B	
42435			P1C2LX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42437			P1P2MX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42501		MU59D	1CBEL178C	MU59D CONTROL CIRCUIT	AB	1CJP	E-350	
42502					AB	38076A	E-350	
42506			1CBEL178D	MU59D CONTROL CIRCUIT	AB	Exposed	E-378B	
42528C			1PBEL178A	MU59D POWER CIRCUIT	AB	38008A*	E-340	
42528D					AB	38008A*	E-340	
42529					AB	38008A	E-350	
42530					AB	JB3806	E-350	
42531					AB	1PJA	E-350	
42535			1PBEL178B	MU59D POWER CIRCUIT	AB	Exposed	E-378B	
42537			P1C2LX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-356	
42539			P1P2MX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42622		MU6405	1CBEL127E	MV6405 CONTROL CIRCUIT	AB	27881A	E-335-1	
42623					AB	JB2762	E-335-1	
42624					AB	27881D	E-335-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42625	MUPS	MU6405	1CBEL127F	MV6405 CONTROL CIRCUIT	AB	27881E	E-335	
42626			1CBEL127G	MV6405 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42628			1PBEL127D	MV6405 POWER CIRCUIT	AB	27876A	E-335-1	
42629					AB	JB2749	E-335-1	
42630					AB	27876C	E-335-1	
42650			EV6405	MV6405 TERMINAL BOX (CH 1)	AB		E-335	
42651			MV6405	RC MU PUMP SUCTION VALVE (CH 1)	AB		E-335	
42652			NV6405	MV6405 LOCAL CONTROLLER (CH 1)	AB		E-335	
42700		MU6406	2CV6406A	SVMU6406 CONTROL CIRCUIT	AB	27879J	E-335	
42700A					AB	JB2741	E-335	
42700B					AB	27879K	E-335	
42701			2CV6406B	SVMU6406 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42713			2CV6406C	SVMU6406 CONTROL CIRCUIT	AB	27879A	E-335	
42714					AB	JB2761	E-335	
42715					AB	27879H	E-335	
42716			2CV6406D	SVMU6406 CONTROL CIRCUIT	AB	27879H	E-335	
42717					AB	JB2761	E-335	
42718					AB	27879A	E-335	
42740			EV6406	SVMU6406 TERMINAL BOX (CH 2)	AB		E-335	
42742			NV6406	SVMU6406 LOCAL CONTROLLER (CH 2)	AB		E-335	
42741					AB		E-335	
42742		MU6406	SVMU6406	MU6406 SOLENOID VALVE (CH 2)	AB		E-335	
42800		MU6407	1CV6407A	SVMU6407 CONTROL CIRCUIT	AB	27883B	E-335	
42800A					AB	JB2742	E-335	
42800B					AB	27883C	E-335	
42801			1CV6407B	SVMU6407 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42802			1CV6407C	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42813			1CV6407D	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42829			EV6407	SVMU6407 TERMINAL BOX (CH 1)	AB		E-335	
42831			NV6407	SVMU6407 LOCAL CONTROLLER (CH 1)	AB		E-335	
42830					AB		E-335	
42831		MU6407	SVMU6407	MU6407 SOLENOID VALVE (CH 1)	AB		E-335	
42924		MU6408	2CBF1208C	MV6408 CONTROL CIRCUIT	AB	27879A	E-335	
42925					AB	JB2761	E-335	
42926					AB	27879B	E-335	
42927			2CBF1208D	MV6408 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42928			2CBF1208E	MV6408 CONTROL CIRCUIT	AB	27879E	E-335	
42939			2PBF1208F	MV6408 POWER CIRCUIT	AB	JB2760	E-335	
42940					AB	46962K	E-335	
42943			EV6408	MV6408 TERMINAL BOX (CH 2)	AB		E-335	
42944			MV6408	MV6408 CROSS CONNECT ISO VLV	AB		E-335	
42945			NV6408	MV6408 LOCAL CONTROLLER (CH 2)	AB		E-335	
43013		MU6409	1CBEL147C	MV6409 CONTROL CIRCUIT	AB	27881A	E-335	
43014					AB	JB2762	E-335	
43015					AB	27881B	E-335	
43016			1CBEL147D	MV6409 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43017			1CBEL147E	MV6409 CONTROL CIRCUIT	AB	27881C	E-335	
43018			1PBEL147F	MV6409 POWER CIRCUIT	AB	27876A	E-335	
43019					AB	JB2749	E-335	
43020					AB	27876B	E-335	
43023			EV6409	MV6409 TERMINAL BOX (CH 1)	AB		E-335	
43024			MV6409	MU CROSS CONNECT ISO VALVE (CH 1)	AB		E-335	
43025			NV6409	MU6409 LOCAL CONTROLLER (CH 1)	AB		E-335	
43110		MU6419	1CBEL1295B	MV6419 CONTROL CIRCUIT	AB	18222A	E-332	
43119			1CBEL1295C	MV6419 CONTROL CIRCUIT	AB	18423A	E-332	
43120					AB	18423A	E-336	
43121			1CBEL1295D	MV6419 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43122			1CBEL1295E	MV6419 CONTROL CIRCUIT	AB	18423B	E-336	
43124			1PBEL1295F	MV6419 POWER CIRCUIT	AB	18422A	E-332, 336	
43125					AB	18422A	E-332, 336	
43128			EV6419	MV6419 TERMINAL BOX (CH 1)	AB		E-336	
43129			MV6419	MU DISCHARGE VALVE (CH 1)	AB		E-336	
43130			NV6419	MV6419 LOCAL CONTROLLER (CH 1)	AB		E-336	
43228		MU6420	2CBF1616C	MU6420 CONTROL CIRCUIT	AB	27879A	E-335	
43229					AB	JB2761	E-335	
43230					AB	27879C	E-335	
43231			2CBF1616D	MV6420 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43232			2CBF1616E	MV6420 CONTROL CIRCUIT	AB	27879D	E-335	
43244			2PBF1616F	MV6420 POWER CIRCUIT	AB	JB2760	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43245	MUPS	MU6420	2PBF1616F	MV6420 POWER CIRCUIT	AB	46962H	E-335	
43248			EV6408	MV6420 TERMINAL BOX (CH 2)	AB		E-335	
43249			MV6420	MV32 BYPASS VALVE (CH 2)	AB		E-335	
43250			NV6420	MV6420 LOCAL CONTROLLER (CH 2)	AB		E-335	
43313		MU6421	1CBE1194C	MV6421 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43314			1CBE1194D	MV6421 CONTROL CIRCUIT	AB	27881G	E-336	
43316			1CBE1194F	MV6421 CONTROL CIRCUIT	AB	27881A	E-335	
43317					AB	JB2762	E-335	
43318					AB	27881F	E-335	
43319					AB	27881F	E-412	
43320					AB	27881F	E-336	
43322			1PBEL194E	MV6421 POWER CIRCUIT	AB	27876A	E-335	
43323					AB	JB2749	E-335	
43324					AB	27876D	E-335	
43325					AB	27876D	E-412	
43326					AB	27876D	E-336	
43329			EV6419	MV6421 TERMINAL BOX (CH 1)	AB		E-336	
43330			MV6421	MU CTMT ISO VALVE (CH 1)	AB		E-336	
43331			NV6421	MV6421 LOCAL CONTROLLER (CH 1)	AB		E-336	
43525		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	AB	28442A	E-336	
43526					AB	28442C	E-336	
43527					AB	28442E	E-336	
43528					AB	28442F	E-336	
43529					AB	JB2809	E-336	
43532					AB	28110A	E-335	
43500			2CVMU66AA	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43503C			2CVMU66AB	SVMU66A CONTROL CIRCUIT	AB	28107B*	E-339, 340	
43503D					AB	28107B*	E-339, 340	
43504					AB	28107A	E-336	
43506					AB	JB2809	E-336	
43510					AB	28234A	E-336	
43512			2CVMU66AC	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43515			2CVMU66AD	SVMU66A CONTROL CIRCUIT	AB	28234A	E-336	
43516					AB	JB2809	E-336	
43517					AB	28107A	E-336	
43518					AB	28107B*	E-339, 340	
43518A					AB	28107B*	E-339, 340	
43524			2CVMU66AE	VMU66A CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43545			EVMU38	VMU66A TERMINAL BOX (CH. 2)	AB		E-336	
43542			FPSLMU66A	MU66A PRESSURE SWITCH	AB		E-336	
43546			NVMU66A	VMU66A LOCAL CONTROLLER (CH. 2)	AB		E-336	
43547			SVMU66A	VMU66A SOLENOID VALVE (CH. 2)	AB		E-336	
43548			VMU66A	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43627		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	AB	28443A	E-336	
43628					AB	28443C	E-336	
43600			1CVMU66BA	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43601			1CVMU66BB	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	
43612			1CVMU66BC	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43613			1CVMU66BD	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	
43626			1CVMU66BE	VMU66B CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43642			EVMU66	VMU66B TERMINAL BOX (CH. 1)	AB		E-336	
43639			FPSLMU66B	MU66B LOW PRESSURE SWITCH	AB		E-336	
43643			NVMU66B	VMU66B LOCAL CONTROLLER (CH. 1)	AB		E-336	
43644			SVMU66B	VMU66B SOLENOID VALVE (CH. 1)	AB		E-336	
43645			VMU66B	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43727		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	AB	28443B	E-336	
43728					AB	28443C	E-336	
43700			1CVMU66CA	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43706			1CVMU66CB	VMU66C CONTROL CIRCUIT	AB	28240A	E-336	
43712			1CVMU66CC	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43723			1CVMU66CD	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43726			1CVMU66CE	VMU66C CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43742			EVMU66	VMU66C TERMINAL BOX (CH. 1)	AB		E-336	
43739			FPSLMU66C	MU66C LOW PRESSURE SWITCH	AB		E-336	
43743			NVMU66C	VMU66C LOCAL CONTROLLER (CH. 1)	AB		E-336	
43744			SVMU66C	VMU66C SOLENOID VALVE (CH. 1)	AB		E-336	
43745			VMU66C	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43825		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	AB	28442B	E-336	
43826					AB	28442C	E-336	
43827					AB	28442E	E-336	
43828					AB	28442F	E-336	
43829					AB	JB2809	E-336	
43832					AB	28110A	E-335	
43800			2CVMU66DA	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
43801	MUPS	MU66D	2CVMU66DB	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43802					AB	JB2809	E-336	
43803					AB	28107A	E-336	
43804					AB	28107B*	E-339, 340	
43804A					AB	28107B*	E-339, 340	
43812			2CVMU66DC	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	
43813			2CVMU66DD	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43814					AB	JB2809	E-336	
43815					AB	28107A	E-336	
43816					AB	28107B*	E-339, 340	
43816A					AB	28107B*	E-339, 340	
43824			2CVMU66DE	VMU66D CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43845			EVMU03	VMU66D TERMINAL BOX (CH. 2)	AB		E-336	
43842			FPSLMU66D	MU66D PRESSURE SWITCH	AB		E-336	
43846			NVMU66D	VMU66D LOCAL CONTROLLER (CH. 2)	AB		E-336	
43847			SVMU66D	VMU66D SOLENOID VALVE (CH. 2)	AB		E-336	
43848			VMU66D	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43917	P-371B		ACBE1191C	MP0371B CONTROL CIRCUIT	AB	ACAB	E-335	
43918					AB	ACFB	E-335	
43923			ACBE1191D	MP0371B CONTROL CIRCUIT	AB	27506A	E-335	
43927			APBE1191A	MP0371B POWER CIRCUIT	AB	27507A	E-335	
43932			MP371B	MU PUMP 1-1 MN LUBE OIL PUMP (CH. A)	AB		E-335	
43933			NP371B	MP0371B LOCAL CONTROLLER (CH. A)	AB		E-335	
44000	P-371C		ACD117B	MP0371C CONTROL CIRCUIT	AB	27297A	E-335	3 D
44029			ACD117D	MP0371C CONTROL CIRCUIT	AB	ACAB	E-335	3 D
44044			ACD117E	MP0371C CONTROL CIRCUIT	AB	ACAB	E-335	
44057			ACD117F	MP0371C CONTROL CIRCUIT	AB	27360A	E-335	
44058					AB	EV225A	E-335	
44059					AB	27362A	E-335	
44060					AB	ACAB	E-335	
44039Q			ACD117H	MP0371C CONTROL CIRCUIT	AB	27089A	E-335	3 A
44081			APD117A	MP0371C POWER CIRCUIT	AB	46920A	E-335	
44084			FPS2MU105B	MP0371C PRESSURE SWITCH (CH. A)	AB		E-335	
44085			MP371C	MU PUMP 1-1 AUX LUBE OIL PUMP (CH. A)	AB		E-335	
44086			NP371C	MP0371C LOCAL CONTROLLER (CH. A)	AB		E-335	
44100	P-371D		ACBE1192B	MP0371D CONTROL CIRCUIT	AB	27508A	E-335	
44101					AB	27516A	E-335	
44118			ACBE1192D	MP0371D CONTROL CIRCUIT	AB	ACAB	E-335	
44119					AB	ACFB	E-335	
44129			ACBE1192E	MP0371D CONTROL CIRCUIT	AB	ACAB	E-335	
44130					AB	ACFB	E-335	
44135			ACBE1192F	MP0371D CONTROL CIRCUIT	AB	27571A	E-335	
44136					AB	ACAB	E-335	
44174			APBE1192A	MP0371D POWER CIRCUIT	AB	27509A	E-335	
44178			FPSMU102B	MP0371D PRESSURE SWITCH (CH. A)	AB		E-335	
44179			MP371D	MU PUMP AUX GEAR L.O. PUMP (CH. A)	AB		E-335	
44180			NP371D	MP0371D LOCAL CONTROLLER (CH. A)	AB		E-335	
44212	P-372B		BCBF1167C	MP0372B CONTROL CIRCUIT	AB	28247A	E-336	
44213					AB	BCFE	E-336	
44214					AB	BCFE	E-350	
44228			BCBF1167D	MP0372B CONTROL CIRCUIT	AB	27446A	E-335	
44231			BPF1167A	MP0372B POWER CIRCUIT	AB	27439A	E-335	
44234			MP372B	MU PUMP 1-2 MN LUBE OIL PUMP (CH. B)	AB		E-335	
44235			NP372B	MP0372B LOCAL CONTROLLER (CH. B)	AB		E-335	
44301	P-372C		BCD217B	MP0372C CONTROL CIRCUIT	AB	27294A	E-335	
44323			BCD217D	MP0372C CONTROL CIRCUIT	AB	28247A	E-336	
44324					AB	BCFE	E-336	
44325					AB	BCFE	E-350	
44343F			BCD217E	MP0372C CONTROL CIRCUIT	AB	28050B	E-334	
44343G					AB	28050B*	E-334	
44344					AB	28050A	E-336	
44345					AB	28434C	E-336	
44346					AB	BCFE	E-336	
44349			BCD217F	MP0372C CONTROL CIRCUIT	AB	28247B	E-336	
44350					AB	BCFE	E-336	
44351					AB	BCFE	E-350	
44363					AB	27217A	E-335	
44365			BCD217G	MP0372C CONTROL CIRCUIT	AB	28247A	E-336	
44366					AB	BCFE	E-336	
44367					AB	BCFE	E-350	
44385			BPD217A	MP0372C POWER CIRCUIT	AB	36183C	E-335	
44394			FPS2MU105A	MP0372C PRESSURE SWITCH (CH. B)	AB		E-335	
44395			MP372C	MU PUMP 1-2 AUX LUBE OIL PUMP (CH. B)	AB		E-335	
44396			NP372C	MP0372C LOCAL CONTROLLER (CH. B)	AB		E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44400	MUPS	P-372D	BCBF1168B	MP372D CONTROL CIRCUIT	AB	27445A	E-335	
44401					AB	27440A	E-335	
44416			BCBF1168D	MP372D CONTROL CIRCUIT	AB	28247A	E-336	
44417					AB	BCFE	E-336	
44418					AB	BCFE	E-350	
44432			BCBF1168E	MP372D CONTROL CIRCUIT	AB	28247A	E-336	
44433					AB	BCFE	E-336	
44434					AB	BCFE	E-350	
44447			BCBF1168F	MP372D CONTROL CIRCUIT	AB	27217C	E-335	
44448					AB	27217A	E-335	
44460					AB	BCFE	E-350	
44461					AB	BCFE	E-336	
44462					AB	28247A	E-336	
44465			BCBF1168G	MP372D CONTROL CIRCUIT	AB	28247A	E-336	
44466					AB	BCFE	E-336	
44467					AB	BCFE	E-350	
44482			BCBF1168I	MP372D CONTROL CIRCUIT	AB	28247A	E-336	
44483					AB	BCFE	E-336	
44484					AB	BCFE	E-350	
44500			BPBF1168A	MP372D POWER CIRCUIT	AB	27437A	E-335	
44502			FPSMU102A	MP372D PRESSURE SWITCH (CH. B)	AB		E-335	
44503			MP372D	MU PUMP AUX GEAR L.O. PUMP (CH. B)	AB		E-335	
44504			NP372D	MP372D LOCAL CONTROLLER (CH. B)	AB		E-335	
44675A		P37-1	1PAC105A	MP0371A POWER CIRCUIT	AB	36031B*	E-333, 337	
446750					AB	36031B*	E-333, 337	
44675D					AB	36031B*	E-333, 337	
44676					AB	36031C	E-335	
44628D			ACAC105D	MP0371A CONTROL POWER	AB	36032B*	E-333, 337	
44632			ACAC105E	MP0371A CONTROL CIRCUIT	AB	27291A	E-335	
44633					AB	36032C	E-335	
44634					AB	36032B*	E-333, 337	
44634A					AB	36032B*	E-333, 337	
44638			ACAC105F	MP0371A CONTROL CIRCUIT	AB	27290B	E-335	
44639					AB	27290A	E-335	
44641					AB	36032C	E-335	
44642					AB	36032B*	E-333, 337	
44642A					AB	36032B*	E-333, 337	
44665			ACAC105K	MP0371A CONTROL CIRCUIT	AB	27088A	E-335-1	
44666					AB	27354A	E-335	
44680			FPS3MU105B	MP0371A PRESSURE SWITCH (CH. A)	AB		E-335	
44681			MP0371A	MAKE UP PUMP 1-1 (CH. A & 1)	AB		E-335	
44682			MV6405	MP0371A CONTROL CIRCUIT	AB		E-335-1	
44683			NP371A	MP0371A LOCAL CONTROLLER (CH. A)	AB		E-335	
44808		P37-2	2PAD105A	MP0372A POWER CIRCUIT	AB	36131C	E-335	
44809					AB	36131B*	E-337, 333	
44809A					AB	36131B*	E-333, 337	
44809C					AB	36131B*	E-333, 337	
44742			BCAD105E	MP0372A CONTROL CIRCUIT	AB	27289A	E-335	
44743					AB	36132C	E-335	
44744					AB	36132B*	E-333	
44744B					AB	36132B*	E-333	
44749			BCAD105F	MP0372A CONTROL CIRCUIT	AB	27288B	E-335	
44750					AB	27288A	E-335	
44751					AB	36132C	E-335	
44752					AB	36132B*	E-333	
44752B					AB	36132B*	E-333	
44758			BCAD105G	MP0372A CONTROL CIRCUIT	AB	28222A	E-336	
44759					AB	BCFE	E-336	
44760					AB	BCFE	E-350	
44776			BCAD105H	MP0372A CONTROL CIRCUIT	AB	BCFE	E-336	
44777					AB	BCFE	E-350	
44795			BCAD105K	MP0372A CONTROL CIRCUIT	AB	27355A	E-335-1	
44814			FPS3MU105A	MP0372A PRESSURE SWITCH (CH. B)	AB		E-335	
44815			MP0372A	MAKE UP PUMP 1-2 (CH. B & 2)	AB		E-335	
44816			MV3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335-1	
44817			NP0372A	MP0372A LOCAL CONTROLLER (CH. B)	AB		E-335	
44820A		P371A	N/A	MU PUMP 1 MSIN GESR LO PUMP	AB	N/A		
44820B		P372A	N/A	MU PUMP 2 MSIN GESR LO PUMP	AB	N/A		
44906		WC1453	ACV1453C	WC1453 CONTROL CIRCUIT	AB	ACDA	E-332	
44907					AB	ACDD	E-332	
45134		WC1743	ACV1743C	WC1743 CONTROL CIRCUIT	AB	ACDD	E-332	
45138			ACV1743D	WC1743 CONTROL CIRCUIT	AB	ACDD	E-332	
45143			ACV1743E	WC1743 CONTROL CIRCUIT	AB	ACDD	E-332	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45144	MUPS	WC1743	ACV1743E	WC1743 CONTROL CIRCUIT	AB	ACDA	E-332	
45145					AB	17122A	E-332	
45146					AB	17122B*	E-330	
45162			ACV1743G	WC1743 CONTROL CIRCUIT	AB	ACDD	E-332	
45163					AB	ACDA	E-332, 351-4	
45210	NI	NI-5874A	1LNF5874B	NE5874, NI5874A INDICATING CIRCUIT	AB	Exposed	E-366	
45310		NI-5874C	1LNF5874B	NE-5874, NI-5874C IND CIRCUIT	AB	Exposed	E-366	
45700		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45706			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45712			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45722			1LRPSB03X	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
45726			1LRPSB03Y	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
45730			1LRPSB03Z	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
45738			P1L1LX	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	AB		E-350	
44799A	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	AB	27134C	E-335	1 A
44799B					AB	JB2709	E-335	1 A
44799C					AB	27134A	E-335	1 A
44795Q			FE-MU31	RC MU FLOW ELEMENT	AB		E-335	
44795S			FT-MU31	RC MU FLOW TRANSMITTER	AB		E-335	
44796A		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	AB	27134B	E-335	1 A
44796B					AB	JB2709	E-335	1 A
44796C					AB	27134A	E-335	1 A
44798G			FE-MU31	RC MU FLOW ELEMENT	AB		E-335	
44798I			FT-MU34	RC MU FLOW TRANSMITTER	AB		E-335	
45740		FI6425	1LL6425A	FT, FI6425 INDICATING CIRCUIT	AB	17816A	E-332	
45741					AB	JB1767	E-332	
45742					AB	17815B	E-332, 412	
45743					AB	17815B	E-336	
45744					AB	17815B	E-350	
45759			FT6425	RC MU FLOW TRANSMITTER (CH A)	AB		E-332	
45770		FI6435	1LL6435A	FT, FI6435 INDICATING CIRCUIT	AB	17815A	E-332	
45771					AB	JB1767	E-332	
45772					AB	17815B	E-332, 412	
45773					AB	17815B	E-336	
45774					AB	17815B	E-350	
45790			FT6435	RCMU FLOW TRANSMITTER (CH B)	AB		E-332	
46201		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	AB	36273D	E-336	
46202					AB	36273C	E-336	
46203					AB	36273C	E-335	
46221			LFTHP03C	FYIHP03C FLOW TRANSMITTER (CH. 1)	AB		E-336	
46303		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	AB	36273D	E-336	
46304					AB	36273C	E-336	
46305					AB	36273C	E-335	
46315			LFTHP03C	FYIHP03C1 FLOW TRANSMITTER (CH. 1)	AB		E-336	
46406		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	AB	36273C	E-335	
46408					AB	36273C	E-336	
46409					AB	36273E	E-336	
46420			LFTHP03D	FYIHP03D FLOW TRANSMITTER (CH. 1)	AB		E-336	
46508		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	AB	36273C	E-335	
46510					AB	36273C	E-336	
46511					AB	36273E	E-336	
46515			LFTHP03D	FYIHP03D1 FLOW TRANSMITTER (CH 1)	AB		E-336	
46600		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350	
46610			1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	Exposed	E-378B-3	
46615			P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350	
46810		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350	
46820			1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	Exposed	E-378B-3	
46827			P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350	
47411		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47421			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	Exposed	E-378B-3	
47427			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	
47500		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47510			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	Exposed	E-378B-3	
47515			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47600	NNI	LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	AB	38601A	E-350	
47610			1LSGLT11D	LT, LI-SP09B8 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47617			P1L1LX	LT, LI-SP09B8 PENETRATION BOX	AB		E-350	
47700	LI-SP09B8A	LI-SP09B8A	1LSGLT11B	LTSP09B8, LISP09B8A INDICATING CIRCUIT	AB	38601A	E-350	
47714			1LSGLT11D	LTSP09B8, LISP09B8A INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47722			P1L1LX	LTSP09B8, LISP09B8A PENE BOX (CH. 1)	AB		E-350	
47801	LI-SP09B9	LI-SP09B9	1LSGLT31B	LT, LI-SP09B9 INDICATING CIRCUIT	AB	38232A	E-350	
47807			1LSGLT31D	LT, LI-SP09B9 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47814			P1L1LX	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	AB		E-350	
48312	PI-6365B	PI-6365B	1LP6365BA	PT6365B, PI6365B, B1 INDICATING CIRCUIT	AB	37560C	E-350	
48316			1LP6365BB	PT6365B, PI6365B, B1 INDICATING CIRCUIT	AB	Exposed	E-366	
48329			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	AB	37560C	E-350	
48330					AB	P1L1LX	E-350	
48331					AB	NIPPLE	E-350	
48332					AB	JB3814	E-350	
48333					AB	38080B	E-350	
48334					AB	JB3816	E-350	
48335					AB	308080E	E-350	
48349				P1L1LX	PT6365B, PI6365B, B1 PENETRATION BOX	AB		E-350
48412	PI-6365B1	PI-6365B1	1LP6365BA	PT6365B, PI6365B, B1 INDICATING CIRCUIT	AB	37560C	E-350	
48416			1LP6365BB	PT6365B, PI6365B, B1 INDICATING CIRCUIT	AB	Exposed	E-366	
48422			P1L1LX	PT6365B, PI6365B, B1 PENETRATION BOX	AB		E-350	
48708	PI-RC2B3		3LSFPT31B	PT, PI-RC2B3 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
48804	PI-RC2B4	PI-RC2B4	1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	AB	38601A	E-350	
48816			1LSFPT11B	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
48819			P1L1LX	PT-RC2B4, PI-RC2B4 PENET BOX	AB		E-350	
49212	PI-SP12B	PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	37725A	E-350	
49224			1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	Exposed	E-378B-3	
49228			P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350	
49300	PI-SP12B1	PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	37725A	E-350	
49312			1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	Exposed	E-378B-3	
49315			P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350	
49404	PI-SP12B2	PI-SP12B2	BLNNI09B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	AB	BLJC	E-350	
49405					AB	BLFC	E-350, 348	
49403			BLNNI09T	PTSP12B2, PISP12B2 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
49418		PBL3QX	PTSP12B2, PISP12B2 PENE BOX (CH. B)	AB		E-350		
50053	TE-RC3B5	TE-RC3B5	1LTRC3B5A	TE-RC3B5 INDICATING CIRCUIT	AB	EXPOSED	E-378B-3	
50055			P1L1LX	TE-RC3B5 PENETRATION BOX	AB		E-350	
49520	TE-RC4B3		PAL2NX	TE-RC4B3 PENETRATION BOX	AB		E-350	
49701	TI-RC3A5	TI-RC3A5	1LTRC3A5A	TE, TT, TI-RC3A5 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
49708			1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT	AB	38080E	E-350	
49709					AB	JB3816	E-350	
49710					AB	38080B	E-350	
49711					AB	JB3814	E-350	
49718			P1L1LX	TE, TT, TI-RC3A5 PENETRATION BOX	AB		E-350	
49905	TI-RC3B2	TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	AB	38601A	E-350	
49917			1LRPSB07Z	TE, TT, TI-RC3B2 INDICATING CIRCUIT	AB	Exposed	E-363, 366	
49921			P1L1LX	TE, TT, TI-RC3B2 PENETRATION BOX	AB		E-350	
50003	TI-RC3B5	TI-RC3B5	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
50004			1LTRC3B5B	TE, TT, TI-RC3B5 INDICATING CIRCUIT	AB	38143A	E-350	
50010					AB	38080E	E-350	
50011					AB	JB3816	E-350	
50012					AB	38080B	E-350	
50013					AB	JB3814	E-350	
50017			1LTRC3B5D	TE, TT, TI-RC3B5 INDICATING CIRCUIT	AB	38143A	E-350	
50025	C3812	TE-RC3B5 CONTROL PANEL	AB		E-350			
50021	P1L1LX	TE, TT, TI-RC3B5 PENETRATION BOX	AB		E-350			
50405	TI-RC4B2	TI-RC4B2	BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	AB	BLFC	E-350	
50406					AB	BLJC	E-350	
50413			BLNNI154W	TE, TT, TI-RC4B2 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
50416			PBL3QX	TE, TT, TI-RC4B2 PENETRATION BOX	AB		E-350	
50506	TI-RC4B4	TI-RC4B4	ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	AB	ALFD	E-350	
50507					AB	ALJA	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
50513	NNI	TI-RC4B4	ALNNI833X	TE, TT, TI-RC4B4 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
50516			PAL2NX	TE, TT, TI-RC4B4 PENETRATION BOX	AB		E-350	
50600	RCS	RC11	1CBE1602C	MVRC11 CONTROL CIRCUIT	AB	38076B	E-351-5	
50601					AB	38097A	E-350-1	
50602					AB	1CJP	E-350-1	
50603					AB	JB3833	E-350-1	
50604					AB	38097B	E-350-1	
50609			1CBE1602D	MVRC11 CONTROL CIRCUIT	AB	Exposed	E-378B-3	
50640			1PBE1602A	MVRC11 POWER CIRCUIT	AB	38603A	E-350	
50643			1PBE1602B	MVRC11 POWER CIRCUIT	AB	Exposed	E-378B-3	
50649			P1C2LX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
50651			P1P2MX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
51201		RC4608B	1CV4608BA	SV4608B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
51205			1CV4608BC	SV4608B CONTROL CIRCUIT	AB	38097B	E-350-1	
51206					AB	JB3833	E-350-1	
51207					AB	38097A	E-350-1	
51208					AB	1CJP	E-350-1	
52402	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	AB	20323A	E-336	
52405					AB	20323A	E-350	
52508		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	AB	20325A	E-335	
52609		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	AB	20324A	E-335	
52708		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	AB	20326A	E-335	
56606	SFRCS	LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	AB	38601A	E-350	
56613			1LSGLT11C	SG 2 LEVEL XMTR	AB	Exposed	E-378B-3	
56615			P1L1LX	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
56701		LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	AB	38232A	E-350	
56709			1LSGLT31C	SG 2 LEVEL XMTR	AB	Exposed	E-378B-3	
56711			P1L1LX	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
57206		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	AB	38601A	E-350	
57213			1LSGLT11D	SG 1 LEVEL XMTR	AB	Exposed	E-378B-3	
57215			P1L1LX	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
57301		LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	AB	38232A	E-350	
57309			1LSGLT31D	SG 1 LEVEL XMTR	AB	Exposed	E-378B-3	
57311			P1L1LX	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	AB		E-350, 351-5	
57804		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	AB	38363A	E-350	
57905		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	AB	38362A	E-350	
58008		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	AB	38360A	E-350	
58103		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	AB	38361A	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22500	DHRS	DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22503			2CBF1148C	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22506			2CBF1148D	MVDH07A CONTROL CIRCUIT	AC	20301A	E-319	
22507			2CBF1148E	MVDH07A CONTROL CIRCUIT	AC	Nipple	E-319	
22531			2CBF1148J	MVDH07A CONTROL CIRCUIT	AC	27670C	E-319	
22532					AC	27670E	E-319	
22534			2PBF1148A	MVDH07A POWER CIRCUIT	AC	48035C	E-319	
22542			EVDH07A	MVDH07A TERMINAL BOX (CH. 2)	AC		E-319	
22543			MVDH07A	BWST ISOLATION VALVE A (CH. 2)	AC		E-319	
22544			NVDH07A	MVDH07A LOCAL CONTROLLER (CH. 2)	AC		E-319	
22600		DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22603			1CBE1157C	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22606			1CBE1157D	MVDH07B CONTROL CIRCUIT	AC	20300A	E-319	
22607			1CBE1157E	MVDH07B CONTROL CIRCUIT	AC	Nipple	E-319	
22645			1CBE1157J	MVDH07B CONTROL CIRCUIT	AC	27671C	E-319	
22646					AC	27671E	E-319	
22647			1PBE1157A	MVDH07B POWER CIRCUIT	AC	28501A	E-319	
22655			EVDH07B	MVDH07B TERMINAL BOX (CH. 1)	AC		E-319	
22656			MVDH07B	BWST ISOLATION VALVE B (CH. 1)	AC		E-319	
22657			NVDH07B	MVDH07B LOCAL CONTROLLER (CH. 1)	AC		E-319	
22728		DH09A	2CBF1142J	MVDH09A CONTROL CIRCUIT	AC	27670D	E-319	
22729					AC	27670C	E-319	
22837		DH09B	1CBE1112J	MVDH09B CONTROL CIRCUIT	AC	27671D	E-319	
22838					AC	27671C	E-319	
52400	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	AC	20323A	E-319	
52500		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	AC	20325A	E-319	
52601		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	AC	20324A	E-319	
52700		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	AC	20326A	E-319	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00417	AFWS	AF599	2PBF1118A	MV599 POWER CIRCUIT	B	18215D	E-412	
00426			2PBF1118B	MV599 POWER CIRCUIT	B	18215B	E-412	
00528		AF608	1PBE1160A	MV608 POWER CIRCUIT	B	18213A	E-412	
00536			1PBE1160B	MV608 POWER CIRCUIT	B	18213A	E-412	
22401A	DHRS	DH01B	1CBE1106B	MVDH01B CONTROL CIRCUIT	B	28033A*	E-334	
22430A			1PBE1106A	MVDH01B POWER CIRCUIT	B	28034A*	E-334	
22530		DH07A	2CBF1148J	MVDH07A CONTROL CIRCUIT	B	27670C	E-336	
22601		DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	B	28500A	E-336	
22604			1CBE1157C	MVDH07B CONTROL CIRCUIT	B	28500A	E-336	
22644			1CBE1157J	MVDH07B CONTROL CIRCUIT	B	27671C	E-336	
22648			1PBE1157A	MVDH07B POWER CIRCUIT	B	28501A	E-336	
22730		DH09A	2CBF1142J	MVDH09A CONTROL CIRCUIT	B	27670C	E-336	
22839		DH09B	1CBE1112J	MVDH09B CONTROL CIRCUIT	B	27671C	E-336	
23901		DH63	2CBF1195C	MVDH63 CONTROL CIRCUIT	B	18226A	E-412	
23909			2CBF1195D	MVDH63 CONTROL CIRCUIT	B	18227A	E-412	
23921			2PBF1195A	MVDH63 POWER CIRCUIT	B	18225A	E-412	
23925			BF1195	MVDH63 CIRCUIT BREAKER (CH. 2)	B		E-412	
29606	ESSPWR	E12E	1PBE1234B	BE1234 POWER CIRCUIT	B	18210A	E-412	
29609			E12E	480VAC ESSEN MCC E12E (CH. 1)	B		E-412	
30900		F11E	2PBF1189A	BF1189 POWER CIRCUIT	B	18215B	E-412	
30909			F11E	480VAC ESSEN MCC F11E (CH. 2)	B		E-412	
34204	HPIS	HP31	2CBF1194C	MVHP31 CONTROL CIRCUIT	B	18226A	E-412	
34209			2CBF1194D	MVHP31 CONTROL CIRCUIT	B	18227A	E-412	
34220C			2CBF1194G	MVHP31 CONTROL CIRCUIT	B	18424A	E-412	
34224			2PBF1194A	MVHP31 POWER CIRCUIT	B	18225A	E-412	
34225			BF1194	MVHP31 CIRCUIT BREAKER (CH. 2)	B		E-412	
34301		HP32	1CBE1286C	MVHP32 CONTROL CIRCUIT	B	18231A	E-412	
34311			1CBE1286D	MVHP32 CONTROL CIRCUIT	B	18232A	E-412	
34322			1PBE1286A	MVHP32 POWER CIRCUIT	B	18230A	E-412	
34323			BE1286	MVHP32 CIRCUIT BREAKER (CH. 1)	B		E-412	
34400		P197-1	1CBE1296B	MP1971 CONTROL CIRCUIT	B	18360A	E-412	
34423			1CBE1296C	MP1971 CONTROL CIRCUIT	B	18362A	E-412	
34425			1PBE1296A	MP1971 POWER CIRCUIT	B	18361A	E-412	
34428			BE1296	MP1971 CIRCUIT BREAKER (CH. 1)	B		E-412	
43109	MUPS	MU6419	1CBE1295B	MV6419 CONTROL CIRCUIT	B	18222A	E-412	
43118			1CBE1295C	MV6419 CONTROL CIRCUIT	B	18423A	E-332, 336	
43123			1PBE1295F	MV6419 POWER CIRCUIT	B	18422A	E-332, 336	
43126			BE1295	MV6419 CIRCUIT BREAKER (CH 1)	B		E-412	
52401	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	B	20323A	E-336	
52501		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	B	20325A	E-336	
52602		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	B	20324A	E-336	
52701		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	B	20326A	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37020	HVAC	C100	ACBE1203B	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BD	30843A	E-361	
37021					BD	JB3053	E-361	
37022					BD	30843F	E-361	
37016			APBE1203A	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BD	30842E	E-361	
37017					BD	JB3051	E-361	
37018					BD	30842D	E-361	
37025			BSW100	DISCONNECT SWITCH FOR C100	BD		E-361	
37024			NC0100	MC0100 LOCAL CONTROLLER	BD		E-361	
37201		HV0531A	ACMV0531A	AIR IN LVR FOR B/U SW PUMP	BD	30843A	E-361	
37202					BD	JB3053	E-361	
37203					BD	30550A	E-361	
37204					BD	30550B	E-361	
37205			E12D	PANEL E12D	BD		E-361	
37206			MV0531A	HV0531A MOTOR	BD		E-361	
37211		HV0532A	ACMV0531B	AIR IN LVR FOR B/U SW PUMP	BD	30843A	E-361	
37212					BD	JB3053	E-361	
37213					BD	30550A	E-361	
37214					BD	30550C	E-361	
37215			E12D	PANEL E12D	BD		E-361	
37216			MV0532A	MV0532A MOTOR	BD		E-361	
60928	SWS	P180	AP1800	MP1800 MOTOR STARTER (CH. A)	BD		E-361	
60917			APAC201A	AP1800 CONTROL CIRCUIT	BD	36012H	E-361	
60924			APAP1800A	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60925			APAP1800B	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60927			MP1800	BACKUP SERVICE WATER PUMP MOTOR (CH. A)	BD		E-361	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
25295Y	EDG	P8-1	ACBE1257E	MP8-1 CONTROL CIRCUIT	BE	30088A	E-361		
25295Z					BE	JB3074	E-361		
25296					BE	30049A	E-361		
25296A					BE	JB3063	E-361		
25296B					BE	30086A	E-361		
25296C					BE	30086B	E-361		
25298U					BE		E-361		
					FLSL1451	DSL FIRE FMP DAY TK LEVEL SWITCH	BE		E-361
29500	ESSPWR	E12C	1PBE1202A	BE1202 POWER CIRCUIT	BE	36058F	E-360, 361		
29509				E12C	480VAC ESSEN MCC E12C (CH. 1)	BE		E-361	
29520		E12D	1PBE1210A	480V AC MCC	BE	30493A	E-361		
37019	HVAC	C100	ACBE1203B	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BE	30843A	E-361		
37015				APBE1203A	TRAVEL SCREEN AREA VENT. (B/U SW PUMP RM)	BE	30842E	E-361	
37023				BE12D	MC0100 CIRCUIT BREAKER	BE		E-361	
36702	C99-1		1CBE1212B	MC9901 CONTROL CIRCUIT	BE	30620F	E-361		
36705				1CBE1212C	MC9901 CONTROL CIRCUIT	BE	30620F	E-361	
36707				1PBE1212A	MC9901 POWER CIRCUIT	BE	30620C	E-361	
36708						BE	30620A	E-361	
36709				BE1212	MC9901 CIRCUIT BREAKER (CH. 1)	BE		E-361	
36802	C99-2		1CBE1205B	MC9902 CONTROL CIRCUIT	BE	30620F	E-361		
36806				1PBE1205A	MC9902 POWER CIRCUIT	BE	30620B	E-361	
36807						BE	30620A	E-361	
36808				BE1205	MC9902 CIRCUIT BREAKER (CH. 1)	BE		E-361	
37200	HV0531A	HV0531A	ACMV0531A	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361		
37210				HV0532A	ACMV0531B	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361
62904	SWS	SW1399	1CBE1277B	MV1399 CONTROL CIRCUIT	BE	30596A	E-361		
62930				1CBE1277E	MV1399 CONTROL CIRCUIT	BE	30599A	E-361	
62931				1CBE1277F	MV1399 CONTROL CIRCUIT	BE	30593A	E-361	
62955				1CBE1277G	MV1399 CONTROL CIRCUIT	BE	30594C	E-361	
62956						BE	30594A	E-361	
62962				1PBE1277A	MV1399 POWER CIRCUIT	BE	30530B*	E-360	
62963						BE	30530B	E-361	
62964				BE1277	MV1399 CIRCUIT BREAKER	BE		E-361	
62969				CDE12C	MV1399 DISCONNECT SWITCH	BE		E-361	
63604				SW2929		1CBE1281B	MV2929 CONTROL CIRCUIT	BE	30675B
63607	1CBE1281E	MV2929 CONTROL CIRCUIT	BE				30593A	E-361	
63630	1CBE1281F	MV2929 CONTROL CIRCUIT	BE				30594C	E-361	
63631			BE				30594A	E-361	
63634	1PBE1281A	MV2929 POWER CIRCUIT	BE				30555A	E-361	
63635	BE1281	MV2929 CIRCUIT BREAKER (CH. 1)	BE					E-361	
63637	CDE-12C	MV2929 DISCONNECT SWITCH (CH. 1)	BE		E-361				
63804	SW2931		1CBE1282B	MV2931 CONTROL CIRCUIT	BE	30675B	E-361		
63807				1CBE1282E	MV2931 CONTROL CIRCUIT	BE	30593A	E-361	
63831				1CBE1282F	MV2931 CONTROL CIRCUIT	BE	30594A	E-361	
63833				1PBE1282A	MV2931 POWER CIRCUIT	BE	30554A	E-361	
63834				BE1282	MV2931 CIRCUIT BREAKER (CH. 1)	BE		E-361	
63836				CDE-12C	MV2931 DISCONNECT SWITCH (CH. 1)	BE		E-361	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
25296V	EDG	P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	BF	ACAA	E-361			
25296W						BF	ACAC	E-361		
25296X						BF	FIELD	E-361		
25297P					ACBE1257L	MP8-1 CONTROL CIRCUIT	BF	ACAA	E-361	
25297Q							BF	ACAC	E-361	
25297R							BF	FIELD	E-361	
25298P					JT3030	SOLENOID VALVE TERMINAL BOX	BF		E-361	
25298Q					RC3007	RELAY CABINET	BF		E-361	
31200			ESSPWR	F12C	2PBF1202A	BF1202 POWER CIRCUIT	BF	36158F	E-360, 361	
31209		F12C			480VAC ESSEN MCC F12C (CH. 2)	BF		E-361		
31300							BF	30492A	E-361	
31301		F12D	2PBF1278A	BF1278 POWER CIRCUIT	BF		E-361			
31302			BF1278	MCC F12D FEEDER CIRCUIT BREAKER (CH. 2)	BF		E-361			
			F12D	480VAC ESSEN MCC F12D (CH. 2)	BF		E-361			
36700	HVAC	C99-1	1CBE1212B	MC9901 CONTROL CIRCUIT	BF	30620D	E-361			
36701						BF	30620F	E-361		
36703					1CBE1212C	MC9901 CONTROL CIRCUIT	BF	30620E	E-361	
36704							BF	30620F	E-361	
36706					1PBE1212A	MC9901 POWER CIRCUIT	BF	30620C	E-361	
36710					MC9901	SWS PUMP RM EXH FAN 1 (CH. 1)	BF		E-361	
36711					NC9901	MC9901 LOCAL CONTROLLER (CH. 1)	BF		E-361	
36712					TS4688	MC9901 TEMPERATURE SWITCH (CH. 1)	BF		E-361	
36800				C99-2	1CBE1205B	MC9902 CONTROL CIRCUIT	BF	30620D	E-361	
36801					BF	30620F	E-361			
36806A			1PBE1205A	MC9902 POWER CIRCUIT	BF	30620B	E-361			
36809			MC9902	SWS PUMP RM EXH FAN 2 (CH. 1)	BF		E-361			
36810			NC9901	MC9902 LOCAL CONTROLLER (CH. 1)	BF		E-361			
36811			TS4688	MC9902 TEMPERATURE SWITCH (CH. 1)	BF		E-361			
36900	C99-3	C99-3	2CBF1211B	MC9903 CONTROL CIRCUIT	BF	30849D	E-361			
36901						BF	30849F	E-361		
36902					2CBF1211C	MC9903 CONTROL CIRCUIT	BF	30849E	E-361	
36903							BF	30849F	E-361	
36904					2PBF1211A	MC9903 POWER CIRCUIT	BF	30849C	E-361	
36905							BF	30849A	E-361	
36906					BF1211	MC9903 CIRCUIT BREAKER (CH.2)	BF		E-361	
36907					MC9903	SWS PUMP RM EXH FAN 3 (CH. 2)	BF		E-361	
36908					NC9903	MC9903 LOCAL CONTROLLER (CH.2)	BF		E-361	
36909					TS4689	MC9903 TEMPERATURE SWITCH (CH.2)	BF		E-361	
37000	C99-4	C99-4	2CBF1236B	MC9904 CONTROL CIRCUIT	BF	30849D	E-361			
37001						BF	30849F	E-361		
37004					2PBF1236A	MC9904 POWER CIRCUIT	BF	30849B	E-361	
37005							BF	30849A	E-361	
37006					BF1236	MC9904 CIRCUIT BREAKER (CH. 2)	BF		E-361	
37007					MC9904	SWS PUMP RM EXH FAN 4 (CH. 2)	BF		E-361	
37008					NC9903	MC9904 LOCAL CONTROLLER (CH. 2)	BF		E-361	
37009					TS4689	MC9904 TEMPERATURE SWITCH (CH. 2)	BF		E-361	
61032			SWS	P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	BF	36004G	E-361	
61033						BF	36004F	E-361		
61034							BF	JB3014	E-361	
61035							BF	36004E	E-361	
61065					1PAC107A	MP0031 POWER CIRCUIT	BF	36005D	E-361	
61075					MP0031	SERVICE WATER PUMP 1 (CH. 1)	BF		E-361	
61076					NP0031	MP0031 LOCAL CONTROLLER (CH. 1)	BF		E-361	
61126		P3-2			2CAD107E	MP0032 CONTROL CIRCUIT	BF	36104G	E-361	
61127							BF	JB3015	E-361	
61128							BF	36104F	E-361	
61129					BF	JB3023	E-361			
61130					BF	36104E	E-361			
61156			2PAD107A	MP0032 POWER CIRCUIT	BF	36105D	E-361			
61165			MP0032	SERVICE WATER PUMP 2 (CH. 2)	BF		E-361			
61166			NP0032	MP0032 LOCAL CONTROLLER (CH. 2)	BF		E-361			
61253	P3-3	P3-3	1CAC109F	MP0033 CONTROL CIRCUIT	BF	36004G	E-361			
61254						BF	36004F	E-361		
61255							BF	JB3014	E-361	
61256							BF	36004E	E-361	
61356					2CAD109F	MP0033 CONTROL CIRCUIT	BF	36104G	E-361	
61357							BF	JB3015	E-361	
61358							BF	36104F	E-361	
61359							BF	JB3023	E-361	
61360							BF	36104E	E-361	
61376					3PACD6A	MP0033 POWER CIRCUIT	BF	36201D	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61391	SWS	P3-3	MP0033	SERVICE WATER PUMP 3 (CH. 1/2)	BF		E-361	
61392			NP0033-1	MP0033 LOCAL CONTROLLER (CH. 1)	BF		E-361	
61393			NP0033-2	MP0033 LOCAL CONTROLLER (CH. 2)	BF		E-361	
62801		SW1395	2CBF1277B	MV1395 CONTROL CIRCUIT	BF	30613A	E-361	
62802					BF	JB3022	E-361	
62803					BF	30608A	E-361	
62825			2CBF1277E	MV1395 CONTROL CIRCUIT	BF	JB3023	E-361	
62826					BF	36104F	E-361	
62827					BF	JB3015	E-361	
62828					BF	30611A	E-361	
62829			2CBF1277F	MV1395 CONTROL CIRCUIT	BF	30641A	E-361	
62851			2CBF1277G	MV1395 CONTROL CIRCUIT	BF	36202F	E-361	
62852					BF	JB3015	E-361	
62853					BF	30640A	E-361	
62854			2CBF1277H	MV1395 CONTROL CIRCUIT	BF	Flex	E-361	
62855					BF	30738A	E-361	
62856					BF	JB3022	E-361	
62857					BF	30613A	E-361	
62860			2PBF1277A	MV1395 POWER CIRCUIT	BF	30529B*	E-360	
62861					BF	30529B	E-361	
62862			BF1277	MV1395 CIRCUIT BREAKER	BF		E-361	
62869			CDF-12C	MV1395 DISCONNECT SWITCH	BF		E-351	
62866			FPSL1377A	MV1395 PRESSURE SWITCH	BF		E-361	
62901		SW1399	1CBE1277B	MV1399 CONTROL CIRCUIT	BF	30601A	E-361	
62902					BF	JB3021	E-361	
62903					BF	30596A	E-361	
62927			1CBE1277E	MV1399 CONTROL CIRCUIT	BF	36004E	E-361	
62928					BF	JB3014	E-361	
62929					BF	30599A	E-361	
62952			1CBE1277G	MV1399 CONTROL CIRCUIT	BF	36004E	E-361	
62953					BF	JB3014	E-361	
62954					BF	30594C	E-361	
62957			1CBE1277H	MV1399 CONTROL CIRCUIT	BF	30739A	E-361	
62958					BF	JB3021	E-361	
62959					BF	30601A	E-361	
62966A			FPSL1376A	MV1399 PRESSURE SWITCH	BF		E-361	
62970					BF		E-361	
63601		SW2929	1CBE1281B	MV2929 CONTROL CIRCUIT	BF	30675A	E-361	
63602					BF	JB3014	E-361	
63603					BF	30675B	E-361	
63628			1CBE1281F	MV2929 CONTROL CIRCUIT	BF	36004E	E-361	
63629					BF	JB3014	E-361	
63701		SW2930	2CBF1281B	MV2930 CONTROL CIRCUIT	BF	30528A	E-361	
63702					BF	JB3023	E-361	
63703					BF	36104F	E-361	
63704					BF	JB3015	E-361	
63705					BF	30611A	E-361	
63708			2CBF1281E	MV2930 CONTROL CIRCUIT	BF	30641A	E-361	
63728			2CBF1281F	MV2930 CONTROL CIRCUIT	BF	36104E	E-361	
63729					BF	JB3023	E-361	
63730					BF	36104F	E-361	
63731					BF	JB3015	E-361	
63732					BF	30640A	E-361	
63737			2CBF1281G	MV2930 CONTROL CIRCUIT	BF	30528A	E-361	
63738					BF	JB3023	E-361	
63739					BF	36104F	E-361	
63740					BF	JB3015	E-361	
63741					BF	30611A	E-361	
63742			2CBF1281H	MV2930 CONTROL CIRCUIT	BF	30868A	E-361	
63743					BF	EV1380	E-361	
63744					BF	30612A	E-361	
63745					BF	JB3022	E-361	
63746					BF	30608A	E-361	
63748			2PBF1281A	MV2930 POWER CIRCUIT	BF	30587A	E-361	
63749			BF1281	MV2930 CIRCUIT BREAKER (CH. 2)	BF		E-361	
63751			CDF-12C	MV2930 DISCONNECT SWITCH (CH. 2)	BF		E-361	
63756			RC3014	MV2930 RELAY CABINET (CH. 2)	BF		E-361	
63801		SW2931	1CBE1282B	MV2931 CONTROL CIRCUIT	BF	30675A	E-361	
63802					BF	JB3014	E-361	
63803					BF	30675B	E-361	
63828			1CBE1282F	MV2931 CONTROL CIRCUIT	BF	36004E	E-361	
63829					BF	JB3014	E-361	
63830					BF	30594C	E-361	
63901		SW2932	2CBF1282B	MV2932 CONTROL CIRCUIT	BF	30528A	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
63902	SWS	SW2932	2CBF1282B	MV2932 CONTROL CIRCUIT	BF	JB3023	E-361	
63903					BF	36104F	E-361	
63904					BF	JB3015	E-361	
63905					BF	30611A	E-361	
63908			2CBF1282E	MV2932 CONTROL CIRCUIT	BF	30641A	E-361	
63931			2CBF1282F	MV2932 CONTROL CIRCUIT	BF	36202F	E-361	
63932					BF	JB3015	E-361	
63933					BF	30640A	E-361	
63935			2PBF1282A	MV2932 POWER CIRCUIT	BF	30595A	E-361	
63936			BF1282	MV2932 LOCAL CONTROLLER (CH. 2)	BF		E-361	
63938			CDF-12C	MV2932 DISCONNECT SWITCH (CH. 2)	BF		E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
25296T	EDG	P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	BG	24002C	E-308		
25296U						BG	ACAA	E-306, 308, 361	
25297N				ACBE1257L	MP8-1 CONTROL CIRCUIT	BG	24002C	E-308	
25297O						BG	ACAA	E-306, 308, 361	
25297U				ACBE1257N	MP8-1 CONTROL CIRCUIT	BG	30496A	E-361	
25297V						BG	JB30D1	E-361	
25297W						BG	30575A	E-306, 308, 361	
25297X						BG	24058A	E-445-7	
25297Y						BG	JB2405	E-445-7	
25297Z						BG	24058B	E-314	
29501	ESSPWR	E12C	1PBE1202A	BE1202 POWER CIRCUIT	BG	36058E (A)	E-360, 361		
31201		F12C	2PBF1202A	BF1202 POWER CIRCUIT	BG	36158E	E-360, 361		
60919	SWS	P180	APAC201A	AP1800 CONTROL CIRCUIT	BG	36012D	E-361		
61036		P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	BG	36004E (A)	E-361		
61066			1PAC107A	MP0031 POWER CIRCUIT	BG	36005D (A)	E-361		
61131		P3-2	2CAD107E	MP0032 CONTROL CIRCUIT	BG	36104E	E-361		
61157			2PAD107A	MP0032 POWER CIRCUIT	BG	36105D	E-361		
61257		P3-3	1CAC109F	MP0033 CONTROL CIRCUIT	BG	36004E	E-361		
61361			2CAD109F	MP0033 CONTROL CIRCUIT	BG	36104E	E-361		
61377			3PACD6A	MP0033 POWER CIRCUIT	BG	36201D	E-361		
62800		SW1395	2CBF1277B	MV1395 CONTROL CIRCUIT	BG	30613A	E-361		
62804			2CBF1277C	MV1395 CONTROL CIRCUIT	BG	Flex	E-361		
62805			2CBF1277D	MV1395 CONTROL CIRCUIT	BG	Nipple	E-361		
62824			2CBF1277E	MV1395 CONTROL CIRCUIT	BG	36104E	E-361		
62848			2CBF1277G	MV1395 CONTROL CIRCUIT	BG	36202E	E-361		
62849					BG	JB3017	E-361		
62850					BG	36202F	E-361		
62858			2CBF1277H	MV1395 CONTROL CIRCUIT	BG	30613A	E-361		
62859			2PBF1277A	MV1395 POWER CIRCUIT	BG	30529C	E-361		
62865			EV1395	MV1395 TERMINAL BOX	BG		E-361		
62867			MV1395	TPCW HX IN HEADER ISO VLV	BG		E-361		
62868	NV1395	MV1395 LOCAL CONTROLLER	BG		E-361				
62900		SW1399	1CBE1277B	MV1399 CONTROL CIRCUIT	BG	30601A	E-361		
62905			1CBE1277C	MV1399 CONTROL CIRCUIT	BG	30605A	E-361		
62906			1CBE1277D	MV1399 CONTROL CIRCUIT	BG	Nipple	E-361		
62926			1CBE1277E	MV1399 CONTROL CIRCUIT	BG	36004E	E-361		
62951			1CBE1277G	MV1399 CONTROL CIRCUIT	BG	36004E	E-361		
62960			1CBE1277H	MV1399 CONTROL CIRCUIT	BG	30601A	E-361		
62961			1PBE1277A	MV1399 POWER CIRCUIT	BG	30530C	E-361		
62966			EV1399	MV1399 TERMINAL BOX	BG		E-361		
62967			MV1399	TPCW HX IN HEADER ISO VLV	BG		E-361		
62968			NV1399	MV1399 LOCAL CONTROLLER	BG		E-361		
63600				SW2929	1CBE1281B	MV2929 CONTROL CIRCUIT	BG	30675A	E-361
63605	1CBE1281C	MV2929 CONTROL CIRCUIT			BG	30677A	E-361		
63606	1CBE1281D	MV2929 CONTROL CIRCUIT			BG	Nipple	E-361		
63632	1CBE1281G	MV2929 CONTROL CIRCUIT			BG	30170A	E-361		
63633	1PBE1281A	MV2929 POWER CIRCUIT			BG	30555A	E-361		
63638	EV2929	MV2929 TERMINAL BOX (CH. 1)			BG		E-361		
63639	FPSH2929	MV2929 PRESSURE SWITCH (CH. 1)			BG		E-361		
63640	MV2929	SW TO INTAKE STRUCTURE VALVE (CH. 1)			BG		E-361		
63641	NV2929	MV2929 LOCAL CONTROLLER (CH. 1)			BG		E-361		
63700		SW2930			2CBF1281B	MV2930 CONTROL CIRCUIT	BG	30528A	E-361
63706			2CBF1281C	MV2930 CONTROL CIRCUIT	BG	30527A	E-361		
63707			2CBF1281D	MV2930 CONTROL CIRCUIT	BG	Nipple	E-361		
63733			2CBF1281G	MV2930 CONTROL CIRCUIT	BG	30678B	E-361		
63734					BG	30678A	E-361		
63736					BG	30528A	E-361		
63747			2PBF1281A	MV2930 POWER CIRCUIT	BG	30587A	E-361		
63752			EV2930	MV2930 TERMINAL BOX (CH. 2)	BG		E-361		
63753			FPSH2930	MV2930 PRESSURE SWITCH (CH. 2)	BG		E-361		
63754			MV2930	SW TO INTAKE FOREBAY VALVE (CH. 2)	BG		E-361		
63755	NV2930	MV2930 LOCAL CONTROLLER (CH. 2)	BG		E-361				
63800		SW2931	1CBE1282B	MV2931 CONTROL CIRCUIT	BG	30675A	E-361		
63805			1CBE1282C	MV2931 CONTROL CIRCUIT	BG	30676A	E-361		
63806			1CBE1282D	MV2931 CONTROL CIRCUIT	BG	Nipple	E-361		
63832			1PBE1282A	MV2931 POWER CIRCUIT	BG	30554A	E-361		
63837			EV2929	MV2931 TERMINAL BOX (CH. 1)	BG		E-361		
63838			MV2931	SW TO COOLING TOWER MU VALVE (CH. 1)	BG		E-361		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63839	SWS	SW2931	NV2931	MV2931 LOCAL CONTROLLER (CH. 1)	BG		E-361	
63900		SW2932	2CBF1282B	MV2932 CONTROL CIRCUIT	BG	30528A	E-361	
63906			2CBF1282C	MV2932 CONTROL CIRCUIT	BG	30526A	E-361	
63907			2CBF1282D	MV2932 CONTROL CIRCUIT	BG	Nipple	E-361	
63928			2CBF1282F	MV2932 CONTROL CIRCUIT	BG	36202E	E-361	
63929					BG	JB3017	E-361	
63930					BG	36202F	E-361	
63934			2PBF1282A	MV2932 POWER CIRCUIT	BG	30595A	E-361	
63939			EV2930	MV2932 TERMINAL BOX (CH. 2)	BG		E-361	
63940			MV2932	SW TO COLLECTION BASIN VALVE (CH. 2)	BG		E-361	
63941			NV2932	MV2932 LOCAL CONTROLLER (CH. 2)	BG		E-361	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25297S	EDG	P8-1	ACBE1257N	MP8-1 CONTROL CIRCUIT	BH	30716C	E-419	
25297T					BH	ACAE	E-419	
25298L			ACBE1257P	MP8-1 CONTROL CIRCUIT	BH	30341Y		
25298N			RC3001	RELAY CABINET	BH		E-419	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25295E	EDG	P8-1	ACBE1257B	MP8-1 CONTROL CIRCUIT	BM	36068D	E-319	
25295F					BM	JB3082	E-319	
25295G					BM	36068E	E-319	
25295H					BM	36068G	E-319	
25295Q			ACBE1257D	MP8-1 CONTROL CIRCUIT	BM	JB2072	E-319	
25295R					BM	36086D	E-319	
25295S					BM	36086E	E-319	
25295T					BM	JB3082	E-319	
25295U					BM	30872A	E-319	
25295V					BM	JB2076	E-319	
25295W					BM	30872C	E-319	
25295X					BM	30872D	E-319	
25278C			APBE1257A	DO XFER PUMP 1	BM	36069C	E-319	
25278D					BM	JB2073	E-319	
25278E					BM	36069E	E-319	
25278F					BM	JB3051	E-319	
25298S			MP0081	MOTOR FOR P8-1	BM		E-319	
25298T			NP0081	LOCAL CONTROLLER FOR MP0081	BM		E-319	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25101	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	BN	Exposed	E-437-2	
25129			1PBE1298A	MP1951 POWER CIRCUIT	BN	Exposed	E-437-2	
25142			MP1951	DG FUEL OIL STORAGE & XFER PUMP (CH. 1)	BN		E-437-2	
25143			NP1951	MP1951 LOCAL CONTROLLER (CH. 1)	BN		E-437-2	
25201		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	BN	Exposed	E-437-2	
25248			2PBF1230A	MP1952 POWER CIRCUIT	BN	Exposed	E-437-2	
25259			MP1952	DG FUEL OIL STORAGE & XFER PUMP (CH. 2)	BN		E-437-2	
25260			NP1952	MP1952 LOCAL CONTROLLER (CH. 2)	BN		E-437-2	
25295		T153-1	N/A	EDG FUEL OIL TANK 1-1	BN	MAN		
25295		T153-2	N/A	EDG FUEL OIL TANK 1-2	BN	MAN		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00009	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	CC	1CDB	E-347	
00013					CC	1CJM	E-347	
00014					CC	47102A	E-347	
00053			1CBE1146H	MV3869 CONTROL CIRCUIT	CC	1CDB	E-347	
00057					CC	1CJM	E-347	
00058					CC	47102A	E-347	
00133		AF3870	1CD107F	MV3870 CONTROL CIRCUIT	CC	1CDB	E-347	
00506		AF608	1CBE1160F	MV608 CONTROL CIRCUIT	CC	1CJM	E-347	
00507					CC	47102A	E-347	
00524			1CBE1160I	MV608 CONTROL CIRCUIT	CC	1CJL	E-347	
00879		AF6452	1CLY6453A	LY6453 CONTROL CIRCUIT	CC	1CJL	E-347	
00886			1CLY6453B	LY6453 CONTROL CIRCUIT	CC	1CJL	E-347	
00814A			1LLC6452B	AF6452 CONTROL CIRCUIT	CC	27118B*	E-339, 344, 356	
01026A		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	CC	27116B*	E-333, 339	
01010A			1CLC6459H	FW6459 CONTROL CIRCUIT	CC	27116B*	E-333, 339	
01056A			1LLC6459A	FW6459 CONTROL CIRCUIT	CC	27118B*	E-339, 344, 356	
01315C		ICS038B	ICAFP01B	ICS038B CONTROL CDE-12-1 TO C5709	CC	27112B*	E-339, 344, 356	
01473		MS106	1CD135I	MV106 CONTROL CIRCUIT	CC	1CJL	E-347	
01787		MS106A	1CBE1271L	MV106A CONTROL CIRCUIT	CC	1CJL	E-347	
01788					CC	47250A	E-347	
02209B		MS5889A	1CV5889AB	SV5889A CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
02218B			1CV5889AC	SV5889A CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
02233			1CV5889AG	SV5889A CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
02244			1CV5889AH	SV5889A CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
18133	CCWS	CC1411A	1CLR3757A	MV1411A CONTROL CIRCUIT	CC	1CJL	E-347	
18143			1CLR3757B	MV1411A CONTROL CIRCUIT	CC	1CJL	E-347	
18407		CC1467	1CV1467C	SV1467 CONTROL CIRCUIT	CC	1CDB	E-347	
18418			1CV1467E	SV1467 CONTROL CIRCUIT	CC	1CDB	E-347	
18815		CC1495	1CV1495C	SV1495 CONTROL CIRCUIT	CC	1CJM	E-347	
18823			1CV1495E	SV1495 CONTROL CIRCUIT	CC	1CJM	E-347	
18909		CC2645	1CBE1161F	MV2645 CONTROL CIRCUIT	CC	1CDB	E-347	
18977			1CLR3757A	MV2645 CONTROL CIRCUIT	CC	1CJL	E-347	
18988			1CLR3757B	MV2645 CONTROL CIRCUIT	CC	1CJL	E-347	
19112		CC2649	2CBF1161F	MV2649 CONTROL CIRCUIT	CC	2CEV	E-347	
19130			2CBF1161G	MV2649 CONTROL CIRCUIT	CC	2CEV	E-347	
19793		CC5095	1CLR3757A	MV5095 CONTROL CIRCUIT	CC	1CJL	E-347	
19804			1CLR3757B	MV5095 CONTROL CIRCUIT	CC	1CJL	E-347	
20196		CC5097	1CLR3757A	MV5097 CONTROL CIRCUIT	CC	1CJL	E-347	
20206			1CLR3757B	MV5097 CONTROL CIRCUIT	CC	1CJL	E-347	
20504B		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 355	
20521B			1CAC113C	MP0431 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 355	
20549C			1CAC113E	MP0431 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 355	
20904B		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
20917B			1CAC108C	MP0433 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
20991B			1CAC108H	MP0433 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
21009B			1CAC108I	MP0433 CONTROL CIRCUIT	CC	27111B*	E-344, 339, 356	
21062B			1CACD2C	MP0433 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 355	
21416	CFS	CF01B	1CBE1162F	MVCF01B CONTROL CIRCUIT	CC	1CJL	E-347	
21424			1CBE1162G	MVCF01B CONTROL CIRCUIT	CC	1CJM	E-347	
21435			1CVCF01BB	MVCF01B CONTROL CIRCUIT	CC	1CJL	E-347	
21720	CREVS	S33-1	1CCEAC1C	MS3311 CONTROL CIRCUIT	CC	27121A	E-347	
21924	CSS	CS1530	1CBE1156H	MV1530 CONTROL CIRCUIT	CC	1CJM	E-347	
21940			1CBE1156J	MV1530 CONTROL CIRCUIT	CC	1CJL	E-347	
22002A		CS1531	2CBF1147B	MV1531 CONTROL CIRCUIT	CC	48030A*	E-344, 345	
22033A			2PBF1147A	MV1531 POWER CIRCUIT	CC	48029A*	E-344, 345	
22412	DHRS	DH01B	1CBE1106F	MVDH01B CONTROL CIRCUIT	CC	1CJL	E-347	
22424			1CBE1106J	MVDH01B CONTROL CIRCUIT	CC	1CJM	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
22612	DHRS	DH07B	1CBE1157F	MVDH07B CONTROL CIRCUIT	CC	1CJM	E-347	
22622			1CBE1157G	MVDH07B CONTROL CIRCUIT	CC	1CJM	E-347	
22637			1CBE1157I	MVDH07B CONTROL CIRCUIT	CC	1CJL	E-347	
22808		DH09B	1CBE1112E	MVDH09B CONTROL CIRCUIT	CC	1CJM	E-347	
22818			1CBE1112F	MVDH09B CONTROL CIRCUIT	CC	1CJM	E-347	
22833			1CBE1112H	MVDH09B CONTROL CIRCUIT	CC	1CJL	E-347	
23016		DH12	1CBE1183G	MVDH12 CONTROL CIRCUIT	CC	1CJL	E-347	
23030			1CBE1183J	MVDH12 CONTROL CIRCUIT	CC	1CJL	E-347	
23205	DH13B		1CVDH13BB	SVDH13B CONTROL CIRCUIT	CC	1CDB	E-347	
23217			1CVDH13BE	SVDH13B CONTROL CIRCUIT	CC	1CDB	E-347	
23325	DH14A		2CVDH14AF	SVDH14A CONTROL CIRCUIT	CC	2CEV	E-347	
23405	DH14B		1CVDH14BB	SVDH14B CONTROL CIRCUIT	CC	1CDB	E-347	
23417			1CVDH14BE	SVDH14B CONTROL CIRCUIT	CC	1CDB	E-351-4	
23506	DH1517		1CBE1126C	MV1517 CONTROL CIRCUIT	CC	1CDB	E-351-4	
23709	DH2733		1CBE1121C	MV2733 CONTROL CIRCUIT	CC	1CJL	E-347	
23728			1CBE1121H	MV2733 CONTROL CIRCUIT	CC	1CJM	E-347	
23845R	DH2735		1CBE1155F	DH2735 CONTROL CIRCUIT	CC	1CJL	E-347	
23915	DH63		2CBF1195F	MVDH63 CONTROL CIRCUIT	CC	2CEV	E-347	
24304B	P42-1		1CAC112B	MP0421 CONTROL CIRCUIT	CC	27113B*	E-339, 344, 356	
24320B			1CAC112C	MP0421 CONTROL CIRCUIT	CC	27113B*	E-339, 344, 356	
24342B			1CAC112F	MP0421 CONTROL CIRCUIT	CC	27113B*	E-339, 344, 356	
24507B	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	CC	27113B*	E-339, 344, 356	
24526B			1CGD104C	SV 1147A/B CONTROL CIRCUIT	CC	27113B*	E-339, 344, 356	
24749B	K5-1		1CGD101L	EDG 1-1 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
24767B			1CGD101N	EDG 1-1 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
24815B					CC	27112B*	E-339, 344, 356	
25869B			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
25889B			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
24843B			1CGD106A	EDG 1-1 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
25704	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	CC	27120A	E-347	
25724			1CABDC1L	ABDC1 CONTROL CIRCUIT	CC	27120A	E-347	
25744B			1CAC101C	AC101 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
25760E			1CAC101D	AC101 CONTROL CIRCUIT	CC	27112B*	E-339, 344, 356	
25799B			1CAC1033A	SWGR C1 CONTROL	CC	27111B*	E-339, 344, 356	
25814B			1CAC1033B	SWGR C1 CONTROL	CC	27111B*	E-339, 344, 356	
25832B			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
26004	C2		1CAC110C	AC110 CONTROL CIRCUIT	CC	27120A	E-347	
32046	C4808		1CY108AC	CONTROL POWER FROM Y1A	CC	1CJL	E-347	
32047					CC	47000A	E-347	
31953	C5761A		1CYE211A	INST POWER TO SFRCS LOGIC CH 3	CC	1CJL	E-347	
31864	CDE-11B-1		1CY117A	CONTROL POWER TO RC3704 (LR3757)	CC	1CJL	E-347	
31868					CC	1CDB	E-347	
27269	CDF-12A-1		2CD2P20D	CONTROL POWER TO CDF11D	CC	2CEV	E-347	
28604B	E1		1CAC11CED	AC1CE11 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
28627B			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
28644B			1CAC12CED	AC1CE12 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
28667B			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	CC	27111B*	E-339, 344, 356	
32722	RC1761		BCYBU41A	CONTROL POWER TO WC1747	CC	BCEQ	E-351-4, 347	
26615	RC3601		1CD1P21A	CONTROL POWER TO RC3701	CC	1CJL	E-347	
26627			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26628					CC	27122A	E-347	
26730	RC3607		1CD1P21A	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26738			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26739					CC	27122A	E-347	
26915	RC3701		1CD1P21A	CONTROL POWER TO RC3701	CC	1CJL	E-347	
26927			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
26928	BSSPWR	RC3701	1CD1P21B	CONTROL POWER TO RC3601	CC	27122A	E-347	
34013	HPIS	HP02C	1CBE1103F	MVHP02C CONTROL CIRCUIT	CC	1CJL	E-347	
34021			1CBE1103G	MVHP02C CONTROL CIRCUIT	CC	1CJM	E-347	
34113		HP02D	1CBE1105F	MVHP02D CONTROL CIRCUIT	CC	1CJL	E-347	
34121			1CBE1105G	MVHP02D CONTROL CIRCUIT	CC	1CJM	E-347	
34215		HP31	2CBF1194F	MVHP31 CONTROL CIRCUIT	CC	2CEV	E-347	
34317		HP32	1CBE1286F	MVHP32 CONTROL CIRCUIT	CC	1CJM	E-347	
34414		P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	CC	27115B*	E-339, 344, 356	
34417					CC	1CJM	E-347	
34508		P197-2	1CD106B	MP1972 CONTROL CIRCUIT	CC	1CJM	E-347	
34532					CC	1CJM	E-347	
37413	HVAC	HV5305A	1CBE1240E	MV5305A CONTROL CIRCUIT	CC	1CJM	E-347	
37512		HV5305B	1CBE1241E	MV5305B CONTROL CIRCUIT	CC	1CJM	E-347	
39712	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	CC	1CJL	E-347	
39726			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	CC	1CJL	E-347	
41018	MUPS	MU02A	1CBE1171F	MVMU02A CONTROL CIRCUIT	CC	1CJL	E-347	
41026			1CBE1171G	MVMU02A CONTROL CIRCUIT	CC	1CJM	E-347	
41116		MU02B	1CBE1172F	MVMU02B CONTROL CIRCUIT	CC	1CJL	E-347	
41224		MU03	2CVMU03C	SVMU03 CONTROL CIRCUIT	CC	2CEV	E-347	
41237			2CVMU03E	SVMU03 CONTROL CIRCUIT	CC	2CEV	E-347	
42106		MU04	ACBE2259C	MU4 CONTROL CIRCUIT	CC	ACJH	E-347	
41308		MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	CC	ACJH	E-347	
41408		MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	CC	ACJH	E-347	
41509		MU11	ACBE2278C	MU11 CONTROL CIRCUIT	CC	ACJH	E-347	
41531			ACBE2278I	MU11 CONTROL CIRCUIT	CC	ACJH	E-347	
41545			ACBE2278J	MU11 CONTROL CIRCUIT	CC	ACDA	E-347	
41557			ACBE2278L	MU11 CONTROL CIRCUIT	CC	ACJH	E-349	
41640			MU19	BLNNI261D	MU19 CONTROL CIRCUIT	CC	BLDE	E-347
41708		MU1903	ACBE2271C	MU1903 CONTROL CIRCUIT	CC	ACJH	E-347	
41805		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	CC	BCEQ	E-347	
41847			BLNNI264D	MU32 CONTROL CIRCUIT	CC	BLDE	E-347	
41921		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	CC	2CEV	E-347	
41932			2CVMU38D	SVMU38 CONTROL CIRCUIT	CC	2CEV	E-347	
41946			2CVMU38E	SVMU38 CONTROL CIRCUIT	CC	2CEV	E-356	
42213		MU59A	1CBE1174F	MU59A CONTROL CIRCUIT	CC	1CJL	E-347	
42223			1CBE1174G	MU59A CONTROL CIRCUIT	CC	1CJL	E-347	
42313		MU59B	1CBE1175F	MU59B CONTROL CIRCUIT	CC	1CJL	E-347	
42323			1CBE1175G	MU59B CONTROL CIRCUIT	CC	1CJM	E-347	
42413		MU59C	1CBE1177F	MU59C CONTROL CIRCUIT	CC	1CJL	E-347	
42423			1CBE1177G	MU59C CONTROL CIRCUIT	CC	1CJM	E-347	
42513		MU59D	1CBE1178F	MU59D CONTROL CIRCUIT	CC	1CJL	E-347	
42523			1CBE1178G	MU59D CONTROL CIRCUIT	CC	1CJM	E-347	
42605		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	CC	1CDB	E-347	
42614			1CBE1127C	MV6405 CONTROL CIRCUIT	CC	1CDB	E-347	
42806		MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	CC	1CDB	E-347	
42817			1CV6407D	SVMU6407 CONTROL CIRCUIT	CC	1CDB	E-347	
43006		MU6409	1CBE1147A	MV6409 CONTROL CIRCUIT	CC	1CDB	E-347	
43103		MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	CC	1CJL	E-347	
43305		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	CC	1CDB	E-347	
43505		MU66A	2CVMU66AB	SVMU66A CONTROL CIRCUIT	CC	2CEV	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43521	MUPS	MU66A	2CVMU66AD	SVMU66A CONTROL CIRCUIT	CC	2CEV	E-347	
43634		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	CC	1CJM	E-347	
43608			1CVMU66BB	VMU66B CONTROL CIRCUIT	CC	1CJM	E-347	
43620			1CVMU66BD	VMU66B CONTROL CIRCUIT	CC	1CJM	E-347	
43734		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	CC	1CJM	E-347	
43707			1CVMU66CB	VMU66C CONTROL CIRCUIT	CC	1CJM	E-347	
43725			1CVMU66CD	VMU66C CONTROL CIRCUIT	CC	1CJM	E-347	
43807		MU66D	2CVMU66DB	SVMU66D CONTROL CIRCUIT	CC	2CEV	E-347	
43818			2CVMU66DD	SVMU66D CONTROL CIRCUIT	CC	2CEV	E-347	
43905		P-371B	ACBE1191B	MP0371B CONTROL CIRCUIT	CC	ACEN	E-347	
44005		P-371C	ACD117B	MP0371C CONTROL CIRCUIT	CC	ACDA	E-347	3 D
44031			ACD117D	MP0371C CONTROL CIRCUIT	CC	ACDA	E-347	3 D
44039L			ACD117H	MP0371C CONTROL CIRCUIT	CC	1CDB	E-347, 351-4	3 A
44061Z			ACD117J	MP0371C CONTROL CIRCUIT	CC	1CPM	E-347, 351-4	3 A
44076P			ACD117K	MP0371C CONTROL CIRCUIT	CC	27115B*	E-344	3 A
44076U					CC	1CJM	E-347, 351-4	3 A
44108		P-371D	ACBE1192C	MP0371D CONTROL CIRCUIT	CC	ACEN	E-347	
44206		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	CC	BCEQ	E-347	
44223			BCBF1167C	MP0372B CONTROL CIRCUIT	CC	BCEQ	E-347	
44305		P-372C	BCD217B	MP0372C CONTROL CIRCUIT	CC	BCEQ	E-347	
44359			BCD217F	MP0372C CONTROL CIRCUIT	CC	BCEQ	E-347	
44410		P-372D	BCBF1168C	MP372D CONTROL CIRCUIT	CC	BCEQ	E-347	
44426			BCBF1168D	MP372D CONTROL CIRCUIT	CC	BCEQ	E-347	
44442			BCBF1168E	MP372D CONTROL CIRCUIT	CC	BCEQ	E-347	
44452			BCBF1168F	MP372D CONTROL CIRCUIT	CC	BCEQ	E-347	
44615P		P37-1	ACAC105L	MP0371A CONTROL CIRCUIT	CC	1CJM	E-347, 351-4	3 A
44623P			ACAC105M	MP0371A CONTROL CIRCUIT	CC	1CJM	E-347, 351-4	3 A
44914		WC1453	ACV1453D	WC1453 CONTROL CIRCUIT	CC	ACEN	E-347	
44924			ACV1453F	WC1453 CONTROL CIRCUIT	CC	ACEN	E-347	
44934			ACV1453G	WC1453 CONTROL CIRCUIT	CC	ACEN	E-347	
45166		WC1743	ACV1743G	WC1743 CONTROL CIRCUIT	CC	ACDA	E-347, 351-4	
45035		WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	CC	BCEQ	E-347	
45105		WC3560	ACV3560C	WC3560 CONTROL CIRCUIT	CC	ACEN	E-347	
45115			ACV3560D	WC3560 CONTROL CIRCUIT	CC	ACEN	E-347	
45703	NI	NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	CC	38600A	E-347	
45709			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	CC	38600A	E-347	
45715			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	CC	38600A	E-347	
44799L	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	CC	37162A	E-347	1 A
44796L		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	CC	37162A	E-347	1 A
47607		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	CC	38601A	E-347	
47703		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISP09B8A INDICATING CIRCUIT	CC	38601A	E-347	
48807		PI-RC2B4	1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	CC	38601A	E-347	
49106A		PI-SP12A1-A	ALMNI852G	PTSP12A1, PISP12A1A INDICATING CIRCUIT	CC	ALDC	E-347	
49902		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	CC	38601A	E-347	
50303		TI-RC4A4	ALMNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	CC	ALDC	E-347	
50825	RCS	RC239A	2CBF1126H	MV0239A CONTROL CIRCUIT	CC	2CEV	E-347	
50920		RC239B	2CBF1127G	MV0239B CONTROL CIRCUIT	CC	2CEV	E-347	
51109		RC4608A	1CV4608AC	SV4608A CONTROL CIRCUIT	CC	1CJM	E-347	
51119			1CV4608AD	SV4608A CONTROL CIRCUIT	CC	1CJM	E-347	
51212		RC4608B	1CV4608BC	SV4608B CONTROL CIRCUIT	CC	1CJM	E-347	
51506		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	CC	2CEV	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
51600	SFAS	HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
51602			1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
52502		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	CC	20325A	E-347	
52603		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	CC	20324A	E-347	
52702		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	CC	20326A	E-347	
54400		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	CC	37815E	E-347	
54401					CC	JB4708	E-347	
54402					CC	37815D	E-347	
54403					CC	37815C*	E-347	
56600	SPRCS	LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	CC	38601A	E-347	
57200		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	CC	38601A	E-347	
57602		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	CC	27122A	E-347	
57702		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	CC	1CJM	E-347	
57800		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	CC	1CJL	E-347	
57900		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	CC	1CJM	E-347	
58100		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	CC	2CEV	E-347	
60402		RCPM1	1CRCPM11B	RCP MONITOR	CC	27122A	E-347	
60602		RCPM3	1CRCPM31B	RCP MONITOR	CC	1CJM	E-347	
61004	SWS	P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	CC	27121A	E-347	
61020			1CAC107C	MP0031 CONTROL CIRCUIT	CC	27121A	E-347	
61048			1CAC107F	MP0031 CONTROL CIRCUIT	CC	27121A	E-347	
61204	P3-3		1CAC109B	MP0033 CONTROL CIRCUIT	CC	27121A	E-347	
61221			1CAC109C	MP0033 CONTROL CIRCUIT	CC	27121A	E-347	
61236			1CAC109D	MP0033 CONTROL CIRCUIT	CC	27121A	E-347	
61280			1CACD4E	MP0033 CONTROL CIRCUIT	CC	27121A	E-347	
61412			SW1356		1CV1356D	SV1356 CONTROL CIRCUIT	CC	1CJL
61424	1CV1356E	SV1356 CONTROL CIRCUIT			CC	1CJL	E-347	
61607	SW1358		1CV1358AG	SV1358 CONTROL CIRCUIT	CC	1CJL	E-347	
61622			1CV1358AH	SV1358 CONTROL CIRCUIT	CC	1CJL	E-347	
61631			1CV1358AI	SV1358 CONTROL CIRCUIT	CC	1CJL	E-347	
61645			1CV1358AJ	SV1358 CONTROL CIRCUIT	CC	1CJL	E-347	
61653			1CV1358AK	SV1358 CONTROL CIRCUIT	CC	1CJM	E-347	
61663			1CV1358AL	SV1358 CONTROL CIRCUIT	CC	1CJM	E-347	
61818			SW1366		1CBE1142F	MV1366 CONTROL CIRCUIT	CC	1CJL
61829	1CBE1142G	MV1366 CONTROL CIRCUIT			CC	1CJM	E-347	
61834F	1CBE1142H	MV1366 CONTROL CIRCUIT			CC	1CJL	E-347	
61834G				CC	47250A	E-347		
62025	SW1368		1CBE1207F	MV1368 CONTROL CIRCUIT	CC	1CJL	E-347	
62419	SW1382		1CBE1218F	MV1382 CONTROL CIRCUIT	CC	27120A	E-347	
62911	SW1399		1CBE1277E	MV1399 CONTROL CIRCUIT	CC	27120A	E-347	
62946			1CBE1277G	MV1399 CONTROL CIRCUIT	CC	27120A	E-347	
63009	SW1424		1CV1424D	SV1424 CONTROL CIRCUIT	CC	1CJL	E-347	
63105	SW1429		1CV1429B	SV1429 CONTROL CIRCUIT	CC	27122A	E-347	
63121			1CV1429C	SV1429 CONTROL CIRCUIT	CC	1CJL	E-347	
63612	SW2929		1CBE1281F	MV2929 CONTROL CIRCUIT	CC	27121A	E-347	
63812	SW2931		1CBE1282F	MV2931 CONTROL CIRCUIT	CC	27121A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17440	CACS	C1-1	1PBE1401C	MC0011 POWER CIRCUIT	D	39029C (C)	E-365, 369	
17441					D	39029B*	E-365, 362	
17442					D	39029A (C)	E-362	
17444			1PBE1401D	MC0011 POWER CIRCUIT	D	39028C (C)	E-365, 369	
17445					D	39028B*	E-365, 362	
17446					D	39028A (C)	E-362	
17452			MC0011	CONTAINMENT COOLER FAN 1 MOTOR (CH. 1)	D		E-369	
17453			P1P3BI	MC0011 PENETRATION TERMINAL BOX (CH. 1)	D	(C)	E-362	
17540		C1-2	2PBF1401C	MC0011 POWER CIRCUIT	D	Flex	E-373	
17542					D	39023C	E-373	
17543					D	39023B*	E-365	
17544					D	39023A	E-362	
17546			2PBF1401D	MC0011 POWER CIRCUIT	D	Flex	E-373	
17548					D	39022C	E-373	
17549					D	39022B*	E-365	
17550					D	39022A	E-362	
17556			MC0012	CONTAINMENT COOLER FAN 2 MOTOR (CH. 2)	D		E-369, 373	
17557			P2P5FI	MC0012 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
17681		C1-3	3PBEF15C	MC0013 POWER CIRCUIT	D	39020C	E-373, 365	
17682					D	39020B*	E-365	
17683					D	39020A	E-362	
17685			3PBEF15D	MC0013 POWER CIRCUIT	D	39019C	E-373, 365	
17686					D	39019B*	E-365	
17687					D	39019A	E-362	
17695			MC0013	CONTAINMENT COOLER FAN 3 MOTOR (CH. 1/2)	D		E-373, 369	
17696			P3P4CI	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	D		E-362	
17698A		E37-1	N/A	CAC COIL 1	D	MAN		
17698B		E37-2	N/A	CAC COIL 2	D	MAN		
17698C		E37-3	N/A	CAC COIL 3	D	MAN		
17703	CCWS	CC1407A	1CBE1173D	MV1407A CONTROL CIRCUIT	D	39096A	E-369	
17704					D	39096B	E-369	
17729			1PBE1173B	MV1407A POWER CIRCUIT	D	1PBM	E-369	
17730					D	39098A	E-369	
17736			MV1407A	CC OUTLET ISOLATION VALVE (CH. 1)	D		E-369	
17737			P1C2LI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17739			P1P2MI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17906		CC1409	2CBF1227D	CC1409 CONTROL CIRCUIT	D	49161A	E-362, 373	
17907					D	JB2920	E-373	
17908					D	29063A	E-373	
17909					D	JB2911	E-373	
17910					D	29093A	E-373	
17929			2PBF1227B	CC1409 POWER CIRCUIT	D	49076A	E-373	
17930					D	JB2916	E-373	
17931					D	NIPPLE	E-373	
17932					D	JB2907	E-373	
17933					D	29031A	E-373	
17943			MV14090	RC LETDOWN CLR 1 CCW IN VALVE (CH 2)	D		E-373	
17938			P2C5GI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
17940			P2P5FI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
18005		CC1410	2CBF1228D	CC1410 CONTROL CIRCUIT	D	49161A	E-362, 373	
18006					D	JB2920	E-373	
18007					D	29063A	E-373	
18008					D	JB2911	E-373	
18009					D	29094A	E-373	
18028			2PBF1228B	CC1410 POWER CIRCUIT	D	49076A	E-373	
18029					D	JB2916	E-373	
18030					D	NIPPLE	E-373	
18031					D	JB2907	E-373	
18032					D	29034A	E-363	
18042			MV14100	RC LETDOWN CLR 2 CCW IN VLV (CH 2)	D		E-363	
18037			P2C5GI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18039			P2P5FI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18104		CC1411A	1CBE1176D	MV1411A CONTROL CIRCUIT	D	39096B	E-369	
18105					D	39097A	E-369	
18152			1PBE1176B	MV1411A POWER CIRCUIT	D	39099A	E-369	
18153					D	1PBM	E-369	
18160			MV1411A	CC INLET ISOLATION VALVE (CH. 1)	D		E-369	
18161			P1C2LI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
18163			P1P2MI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21302	CFS	CF01A	2CBF1120D	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21303	CFS	CF01A	2CBF1120D	MVCF01A CONTROL CIRCUIT	D	JB2905	E-373	
21304					D	29009C	E-374	
21305					D	29009B*	E-364	
21306					D	29009A	E-362	
21337			2CVCF01AD	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	
21338					D	JB2905	E-373	
21339					D	29009C	E-373	
21340					D	29009B*	E-364	
21341					D	29009A	E-362	
21344			2PBF1120B	MVCF01A POWER CIRCUIT	D	29049A	E-373	
21345					D	JB2906	E-373	
21346					D	29008C	E-374	
21347					D	29008B*	E-364	
21348					D	29008A	E-362	
21354			MVCF01A	CORE FLOOD TK 2 INJ ISO VLV (CH. 2)	D		E-373	
21355			P2C5GI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21357			P2P5FI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21404		CF01B	1CBEL162D	MVCF01B CONTROL CIRCUIT	D	29043A	E-373	
21405					D	JB2903	E-373	
21406					D	29018C	E-374	
21407					D	29018B*	E-364	
21408					D	29018A	E-363	
21445			1CVCF01BD	MVCF01B CONTROL CIRCUIT	D	29043A	E-373	
21446					D	JB2903	E-373	
21447					D	29018C	E-373	
21448					D	29018B*	E-364	
21449					D	29018A	E-363	
21454			1PBE1162B	MVCF01B POWER CIRCUIT	D	29045A	E-373	
21455					D	JB2904	E-373	
21456					D	29019C	E-374	
21457					D	29019B*	E-364	
21458					D	29019A	E-363	
21464			MVCF01B	CORE FLOOD TK 1 INJ ISO VLV (CH. 1)	D		E-373	
21465			P1C2LI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21467			P1P2MI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
22902	DHRS	DH11	2CBF1130D	MVDH11 CONTROL CIRCUIT	D	49091A	E-362	
22940			2PBF1130B	MVDH11 POWER CIRCUIT	D	49092A	E-362, 373	
22946			MVDH11	DH NORMAL SUCTION VALVE (CH. 2)	D		E-373	
22947			P2C5GI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
22949			P2P5FI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
23003		DH12	1CBEL183D	MVDH12 CONTROL CIRCUIT	D	29021C	E-373	
23004					D	29021B*	E-364	
23005					D	29021A	E-363	
23020			1CBEL183H	MVDH12 CONTROL CIRCUIT	D	49010A	E-366, 369, 373	
23038			1PBE1183B	MVDH12 POWER CIRCUIT	D	29022C	E-373	
23039					D	29022B*	E-364	
23040					D	29022A	E-363	
23045			MVDH12	DH NORMAL SUCTION VALVE (CH. 1)	D		E-373	
23046			P1C2LI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23048			P1P2MI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23050			PSHRC2B4	MVDH12 PRESSURE SWITCH (CH. 1)	D		E-366	
23845I		DH2735	1CBEL155D	DH2735 CONTROL CIRCUIT	D	39171A	E-363, 369	
23845J					D	39169A	E-369	
23845B			1PBE1155B	DH2735 CONTROL CIRCUIT	D	1PBM01	E-363, 369	
23845C					D	39170A	E-363, 369	
23845D					D	39168A	E-369	
23849			MV2735	DH2735 CONTROL CIRCUIT	D		E-369	
23853			P1P2LI	MV2735 PENETRATION TERMINAL BOX (CH 1)	D		E-350	
23852			P1P2MI	MV2735 PENETRATION TERMINAL BOX (CH1)	D		E-350	
40700	MUPS	E25-1	N/A	LETDOWN COOLER 1-1	D	MAN		
40705		E25-2	N/A	LETDOWN COOLER 1-2	D	MAN		
40805		MU01A	2CBF1237D	MVMU01A CONTROL CIRCUIT	D	29092A	E-373	
40806					D	JT2917	E-373	
40807					D	29075B	E-373	
40808					D	JB2925	E-373	
40809					D	29075A	E-369, 373	
40810					D	JB3930	E-369	
40811					D	49075A	E-362, 369	
40823			2CBF1237G	MVMU01A CONTROL CIRCUIT	D	29093B	E-373	
40824					D	JB2911	E-373	
40825					D	29063A	E-373	
40826					D	JB2911	E-373	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
40827	MUPS	MU01A	2CBF1237G	MVMU01A CONTROL CIRCUIT	D	JB2920	E-373	
40828					D	49161A	E-362, 373	
40844			2PBF1237B	MVMU01A POWER CIRCUIT	D	29032A	E-373	
40845					D	JB2916	E-373	
40846					D	49076A	E-373	
40851			MVMU01A	LETDOWN COOLER 1-1 INLET VALVE (CH. 2)	D		E-373	
40852			P2C5GI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40854			P2P5FI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40905		MU01B	2CBF1238D	MVMU01B CONTROL CIRCUIT	D	29091A	E-373	
40906					D	JT2917	E-373	
40907					D	29075B	E-373	
40908					D	JB2925	E-373	
40909					D	29075A	E-369, 373	
40910					D	JB3930	E-369	
40911					D	49075A	E-362, 369	
40923			2CBF1238G	MVMU01B CONTROL CIRCUIT	D	29094A	E-373	
40924					D	JB2911	E-373	
40925					D	29063A	E-373	
40926					D	JB2920	E-373	
40927					D	49161A	E-362, 373	
40942			2PBF1238B	MVMU01B POWER CIRCUIT	D	29033A	E-373	
40943					D	JB2916	E-373	
40944					D	49076A	E-373	
40949			MVMU01B	LETDOWN COOLER 1-2 INLET VALVE (CH. 2)	D		E-373	
40950			P2C5GI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40952			P2P5FI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
41003		MU02A	1CBE1171D	MVMU02A CONTROL CIRCUIT	D	29121A	E-373	
41004					D	JB2903	E-374	
41005					D	29018C	E-374	
41006					D	29018B*	E-364	
41007					D	29018A	E-363	
41034			1PBE1171B	MVMU02A POWER CIRCUIT	D	29120A	E-373	
41035					D	JB2904	E-374	
41036					D	29019C	E-374	
41037					D	29019B*	E-364	
41038					D	29019A	E-363	
41044			MVMU02A	LETDOWN COOLER OUTLET ISO VALVE (CH. 1)	D		E-373	
41045			P1C2LI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41047			P1P2MI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41103		MU02B	1CBE1172D	MVMU02B CONTROL CIRCUIT	D	29015C	E-373	
41104					D	29015B*	E-364	
41105					D	29015A	E-363	
41127			1CBE1172H	MVMU02B CONTROL CIRCUIT	D	Flex	E-373	
41128					D	JB2919	E-373	
41129					D	29122E	E-373	
41130					D	29122C	E-373	
41131					D	29122A	E-373	
41132					D	JB2912	E-373	
41133					D	29055A	E-363	
41135			1CBE1172I	MVMU02B CONTROL CIRCUIT	D	29122B	E-373	
41136					D	29122A	E-373	
41137					D	JB2912	E-373	
41138					D	29055A	E-363	
41140			1CBE1172J	MVMU02B CONTROL CIRCUIT	D	29122D	E-373	
41141					D	29122C	E-373	
41142					D	29122A	E-373	
41143					D	JB2912	E-373	
41144					D	29055A	E-363	
41148			1PBE1172B	MVMU02B POWER CIRCUIT	D	29014C	E-373	
41149					D	29014B*	E-364	
41150					D	29014A	E-363	
41155			FPSH3759	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41156			FPSH3763	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41157			FTSH3745B	MVMU02B TEMPERATURE SWITCH (CH. 1)	D		E-373	
41158			MVMU02B	LETDOWN COOLER INLET ISO VALVE (CH. 1)	D		E-373	
41159			P1C2LI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41161			P1P2MI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
42203		MU59A	1CBE1174D	MU59A CONTROL CIRCUIT	D	29055A	E-363	
42204					D	JB2912	E-373	
42205					D	29056A	E-373	
42232			1PBE1174B	MU59A POWER CIRCUIT	D	29035A	E-363	
42233					D	JB2908	E-363	
42234					D	29036A	E-363	
42243			MVMU59A	RCP2-1 SEAL RET ISO VLV (CH 1)	D		E-363	
42240			P1C2LI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
42242	MUPS	MU59A	P1P2MI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42303		MU59B	1CBE1175D	MU59B CONTROL CIRCUIT	D	29055A	E-363	
42304					D	JB2912	E-373	
42305					D	29057A	E-373	
42330			1PBEL175B	MU59B POWER CIRCUIT	D	29035A	E-373	
42331					D	JB2908	E-373	
42332					D	29037A	E-373	
42341			MVMU59B	RCP 2-2 SEAL RET ISO VLV (CH 1)	D		E-363	
42338			P1C2LI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42340			P1P2MI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42403		MU59C	1CBEL177D	MU59C CONTROL CIRCUIT	D	29055A	E-363	
42404					D	JB2912	E-373	
42405					D	29058A	E-373	
42430			1PBEL177B	MU59C POWER CIRCUIT	D	29035A	E-373	
42431					D	JB2908	E-373	
42432					D	29038A	E-373	
42442			MVMU59C	RCP 1-1 SEAL RET VLV (CH 1)	D		E-363	
42436			P1C2LI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42438			P1P2MI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42503		MU59D	1CBEL178D	MU59D CONTROL CIRCUIT	D	29055A	E-363	
42504					D	JB2912	E-373	
42505					D	29059A	E-373	
42532			1PBEL178B	MU59D POWER CIRCUIT	D	29035A	E-373	
42533					D	JB2908	E-373	
42534					D	29039A	E-373	
42544			MVMU59D	RCP 1-2 SEAL RET VLV (CH 1)	D		E-363	
42538			P1C2LI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42540			P1PC2MI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
45200	NI	NI-5874A	1LNF5874A	NE5874, NI5874A INDICATING CIRCUIT	D	C3911	E-365	
45201					D	39010D	E-365, 368, 369	
45202					D	C3901	E-369	
45203					D	39085C	E-369	
45204					D	JB3925	E-369	
45205					D	JB5874A	E-369	
45206			1LNF5874B	NE5874, NI5874A INDICATING CIRCUIT	D	JB3925	E-369	
45207					D	39085B	E-369	
45208					D	JB3927	E-369	
45209					D	39085A	E-369, 366	
45211					D	JB5874A	E-366	
45226			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45222			P1L5WI	NE5874, NI5874A PENE TERMINAL BOX	D		E-366	
45300		NI-5874C	1LNF5874A	NE-5874, NI-5874C IND CIRCUIT	D	C3911	E-365	
45301					D	39010D	E-365, 368, 369	
45302					D	C3901	E-369	
45303					D	39085C	E-369	
45304					D	JB3925	E-369	
45305					D	JB5874A	E-346	
45306			1LNF5874B	NE-5874, NI-5874C IND CIRCUIT	D	JB3925	E-369	
45307					D	39085B	E-369	
45308					D	JB3927	E-369	
45309					D	39085A	E-366, 369	
45311					D	JB5874A	E-346	
45319			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45316			P1L5WI	NE-5874, NI-5874C PENE BOX	D		E-369	
45400		NI-5875A	2LNF5875A	NE5875, NI5875A INDICATING CIRCUIT	D	C3912	E-369	
45401					D	39035B	E-369, 365	
45402					D	JB3924	E-369	
45403					D	39180A	E-369	
45404					D	JB3923	E-369	
45405					D	JB5875A	E-369	
45406			2LNF5875B	NE5875, NI5875A INDICATING CIRCUIT	D	JB3923	E-369	
45407					D	39179A	E-369	
45409					D	JB5875A	E-369	
45431			NE5875	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-369	
45427			P2L2CI	NE5875, NI5875A PENE TERMINAL BOX	D		E-366	
45609		NI-NI1	2LRPSA03E	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39035B	E-365	
45610			2LRPSA03X	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45612			2LRPSA03Y	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45614			2LRPSA03Z	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45616			C3902	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45617			C3912	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45619			NE-NI1	SOURCE RANGE ELEMENT (CH. 2)	D		E-365	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
45621	NI	NI-NI1	NT-NI1	SOURCE RANGE TRANSMITTER (CH. 2)	D		E-365		
45622			P2L4GI	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	D		E-362		
45718	NI	NI-NI2	1LRPSB03E	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39010D	E-365, 368		
45719			1LRPSB03X	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365		
45720					D	39006C	E-368		
45721					D	39006B	E-365		
45723					D	39006D	E-365		
45724					D	39006C	E-368		
45725					D	39006B	E-365		
45727					D	39006D	E-365		
45728					D	39006C	E-368		
45729					D	39006B	E-365		
45731					C3901	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365
45732					C3911	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365
45734					NE-NI2	SOURCE RANGE ELEMENT (CH. 1)	D		E-365
45736					NT-NI2	SOURCE RANGE TRANSMITTER (CH. 1)	D		E-365
45737					P1L1LI	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	D		E-369
46608	NNI	LI-RC14-1	1LRRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	D	39186B	E-369		
46609					D	39186A	E-369		
46613					LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369
46614			P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369		
46705	LI-RC14-2	LI-RC14-2	2LRRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A (C)	E-369		
46706					D	49074A	E-362		
46710					LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D	(C)	E-369
46711			P2L4GI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366		
46818	LI-RC14-3	LI-RC14-3	1LRRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	D	39186B	E-369		
46819					D	39186A	E-369		
46825					LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369
46826			P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369		
46914	LI-RC14-4	LI-RC14-4	2LRRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A	E-369		
46915					D	49074A	E-362		
46921					LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D		E-369
46922			P2L4GI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366		
47014	LI-SP09A1	LI-SP09A1	2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373		
47015					D	49074A	E-369, 366		
47021					LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373
47022					P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366
47105	LI-SP09A3	LI-SP09A3	2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373		
47106					D	49074A	E-369, 366		
47110					LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373
47111					P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366
47207	LI-SP09A8	LI-SP09A8	2LSGLT21C	LT, LI-SP09A8 INDICATING CIRCUIT	D	29134A	E-373		
47208					D	29134B	E-373		
47211					LT-SP09A8	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373
47212					P2L4GI	LT, LI-SP09A8 PENETRATION BOX	D		E-366
47906	LI-SP09A8A	LI-SP09A8A	2LSGLT21C	LTSP09A8, LISP09A8A INDICATING CIRCUIT	D	29134B	E-373		
47907					D	29134A	E-373		
47919					LTSP09A8	SG1-2 STARTUP LEVEL TRANSMITTER (CH. 2)	D		E-373
47916					P2L4GI	LTSP09A8, LISP09A8A PENE BOX (CH. 2)	D		E-366
47308	LI-SP09A9	LI-SP09A9	2LSGLT41C	LT, LI-SP09A9 INDICATING CIRCUIT	D	29135A	E-373		
47309					D	29135B	E-373		
47312					LT-SP09A9	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373
47313					P2L4GI	LT, LI-SP09A9 PENETRATION BOX	D		E-366
47419	LI-SP09B1	LI-SP09B1	1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373		
47420					D	39186A	E-369		
47426					P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369
47508	LI-SP09B3	LI-SP09B3	1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373		
47509					D	39186A	E-369		
47513					LT-SP09B3	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373
47514					P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369
47611	LI-SP09B8	LI-SP09B8	1LSGLT11D	LT, LI-SP09B8 INDICATING CIRCUIT	D	29132A	E-373		
47612					D	29132B	E-373		
47615					LT-SP09B8	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373
47616					P1L1LI	LT, LI-SP09B8 PENETRATION BOX	D		E-369
47712	LI-SP09B8A	LI-SP09B8A	1LSGLT11D	LTSP09B8, LISP09B8A INDICATING CIRCUIT	D	29132B	E-373		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47713	NNI	LI-SP09B8A	1LSGLT11D	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	D	29132A	E-373	
47724			LTSP09B8	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373	
47721			P1LLLI	LTSP09B8, LISPO9B8A PENE BOX (CH. 1)	D		E-369	
47808	LI-SP09B9		1LSGLT31D	LT, LI-SP09B9 INDICATING CIRCUIT	D	29133A	E-373	
47809					D	29133B	E-373	
47812			LT-SP09B9	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373	
47813			P1LLLI	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	D		E-369	
48011	LRS-RC14		BLNNI153W	LRS-RC14 INDICATING CIRCUIT	D	39239A	E-369	
48012					D	49198A	E-362	
48013					D	BLBE	E-362	
48017			LT-RC14-2	LRS-RC14 LEVEL TRANSMITTER	D		E-369	
48020			PBL4EI	LRS-RC14 PENETRATION BOX	D		E-362	
48106	PI-6365A		2LP6365AB	PT6365A, PI6365A,A1 INDICATING CIRCUIT	D	49166A	E-366	
48107					D	JB3915	E-366	
48108					D	49278A	E-366	
48127			P2L4GI	PT6365A, PI6365A,A1 PENETRATION BOX	D		E-366	
48129			PT6365A	RCS LOOP 2 EXTND PRESS TRANSMITTER(CH.2)	D		E-366	
48206	PI-6365A1		2LP6365AB	PT6365A, PI6365A,A1 INDICATING CIRCUIT	D	49166A	E-366	
48207					D	JB3915	E-366	
48208					D	49278A	E-366	
48214			P2L4GI	PT6365A, PI6365A,A1 PENETRATION BOX	D		E-366	
48217			PT6365A	RCS LOOP 2 EXTND PRESS TRANSMITTER (CH.2)	D		E-366	
48313	PI-6365B		1LP6365BB	PT6365B, PI6365B,B1 INDICATING CIRCUIT	D	39102A	E-366, 362	
48314					D	JB4906	E-366	
48315					D	49279A	E-366	
48348			P1LLLI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48351			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48413	PI-6365B1		1LP6365BB	PT6365B, PI6365B,B1 INDICATING CIRCUIT	D	39102A	E-366, 362	
48414					D	JB4906	E-366	
48415					D	49279A	E-366	
48421			P1LLLI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48424			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48506	PI-RC2A3		4LSFPT41B	PT, PI-RC2A3 INDICATING CIRCUIT	D	49359B	E-366	
48507					D	JB4910	E-366	
48508					D	49359D	E-366	
48516			P4L1GI	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	D		E-366	
48519		PT-RC2A3	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 4)	D		E-366		
48610	PI-RC2A4		2LSFPT21B	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	D	49168A	E-366	
48611					D	JB3915	E-366	
48612					D	49166A	E-366	
48615			P2L4GI	PT-RC2A4, PI-RC2A4 PENET BOX	D		E-366	
48618			PT-RC2A4	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 2)	D		E-366	
48704	PI-RC2B3		3LSFPT31B	PT, PI-RC2B3 INDICATING CIRCUIT	D	49077B	E-366	
48705					D	49077A	E-366	
48706					D	JB4905	E-366	
48707					D	49087A	E-366	
48716			P3L4SI	PT, PI-RC2B3 PENETRATION BOX	D		E-366	
48719		PT-RC2B3	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 3)	D		E-366		
48812	PI-RC2B4		1LSFPT11B	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	D	49171C	E-366	
48813					D	49171B	E-366	
48814					D	JB4906	E-366	
48815					D	39102A	E-366, 362	
48818			P1LLLI	PT-RC2B4, PI-RC2B4 PENET BOX	D		E-369	
48821		PT-RC2B4	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 1)	D		E-366		
48914	PI-SP12A		2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369	
48915					D	JB3915	E-366	
48916					D	49166A	E-366, 362	
48920			P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366	
48924			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		E-369	
49005	PI-SP12A1		2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369	
49006					D	JB3915	E-366	
49007					D	49166A	E-366, 362	
49010			P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366	
49013			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		E-369	
49100	PI-SP12A1-A		ALNNI852T	PTSP12A1, PISP12A1A INDICATING CIRCUIT	D	49050A	E-369	
49101					D	ALBD	E-373	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
49114	NNI	PI-SP12A1-A	PAL3DI	PTSP12A1, PISF12A1A PENE BOX (CH. A)	D		E-369					
49120			PT-SP12A1	SG1-2 OUTLET PRESSURE TRANSMITTER (CH. A)	D		E-369					
49220	PI-SP12B		1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369					
49221					D	49170C	E-366					
49222					D	JB4906	E-366					
49223					D	39102A	E-366					
49227					P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369			
49231					PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369			
49308	PI-SP12B1		1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369					
49309					D	49170C	E-366					
49310					D	JB4906	E-366					
49311					D	39102A	E-366					
49314					P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369			
49317					PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369			
49400	PI-SP12B2		BLNMI09T	PTSP12B2, PISP12B2 INDICATING CIRCUIT	D	39176C	E-369					
49401					D	39176A	E-369					
49402					D	BLBQ	E-373, 369					
49417					PBL3QI	PTSP12B2, PISP12B2 PENE BOX (CH. B)	D		E-369			
49423					PT-P12B2	SG1-1 OUTLET PRESSURE TRANSMITTER (CH. B)	D		E-369			
49850					TE-RC3A6		2LTRC3A6A	TE-RC3A6 INDICATING CIRCUIT	D	49128A	E-347	
49851	D	JB4922	E-366									
49852	D	49128B	E-366									
49854	P2L4GI	TE-RC3A6 PENETRATION BOX	D						E-366			
49856	TE-RC346	RCS LOOP 2 HOT LEG TEMPERATURE ELEMENT	D						E-366			
50050	TE-RC3B5		1LTRC3B5A	TE-RC3B5 INDICATING CIRCUIT					D	39294A	E-366	
50051					D	JB4918	E-366	A				
50052					D	39294B	E-369					
50054					P1L1LI	TE-RC3B5 PENETRATION BOX	D		E-362			
50056					TE-RC3B5	RCS LOOP 1 HOT LEG TEMPERATURE ELEMENT	D		E-366			
50250					TE-RC4A2		BLNMI154Y	TE-RC4A2 INDICATING CIRCUIT	D	29083F	E-373	
50251	D	29083D	E-373									
50252	D	29083B	E-373									
50253	D	29083A	E-369, 373									
50254	D	39227A	E-362									
50255	D	BLBE	E-362									
50257	PBL1EI	TE-RC4A2 INDICATING CIRCUIT	D						E-362			
50259	TE-RC4A2	RCS LOOP 2 COLD LEG TEMPERATURE ELEMENT	D						E-373			
49514	TE-RC4B3		ALNMI833Y	TE-RC4B3 INDICATING CIRCUIT					D	39159C	E-369	
49515									D	39159A	E-363, 369	
49519					PAL2NI	TE-RC4B3 PENETRATION BOX	D		E-363			
49521					TE-RC4B3	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-366			
49614	TI-RC3A4		2LRPSA07Z	TE, TT, TI-RC3A4 INDICATING CIRCUIT	D	49121A	E-362					
49614A					D	JB4974	E-368	A				
49614B					D	JB4974	E-368	A				
49614C					D	49121B	E-368	A				
49619					P2L4GI	TE, TT, TI-RC3A4 PENETRATION BOX (CH. 2)	D		E-362			
49621					TE-RC3A4	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-369			
49700	TI-RC3A5		1LTRC3A5A	TE, TT, TI-RC3A5 INDICATING CIRCUIT	D	39295A	E-369, 366					
49717					P1L1LI	TE, TT, TI-RC3A5 PENETRATION BOX	D		E-369			
49719					TE-RC3A5	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-366			
49800	TI-RC3A6		2LTRC3A6A	TE, TT, TI-RC3A6 INDICATING CIRCUIT	D	49128A	E-347					
49801					D	JB4922	E-366					
49802					D	49128B	E-366					
49816					P2L4GI	TE, TT, TI-RC3A6 PENETRATION BOX	D		E-366			
49818					TE-RC3A6	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-366			
49916					TI-RC3B2		1LRPSB07Z	TE, TT, TI-RC3B2 INDICATING CIRCUIT	D	49120A	E-363	
49920	P1L1LI	TE, TT, TI-RC3B2 PENETRATION BOX	D						E-363			
49922	TE-RC3B2	RCS LOOP 1 HOT LEG TEMP ELEMENT	D						E-338			
50000	TI-RC3B5		1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	39294A	E-366					
50001					D	JB4918	E-366					
50002					D	39294B	E-369					
50020					P1L1LI	TE, TT, TI-RC3B5 PENETRATION BOX	D		E-362			
50022					TE-RC3B5	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366			
50100B					TI-RC3B6		2LTRC3B6A	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	JB4977	E-366	
50100C	D	49127A	E-366, 369									
50100	D	49127B	E-366									

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50100A	NNI	TI-RC3B6	2LTRC3B6AA	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	JB4977	E-366	
50112			P2L4GI	TE, TT, TI-RC3B6 PENETRATION BOX	D		E-366	
50114			TE-RC3B6	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366	
50208		TI-RC4A2	BLNNI154Y	TE, TT, TI-RC4A2 INDICATING CIRCUIT	D	29083F	E-373	
50209					D	29083D	E-373	
50210					D	29083B	E-373	
50211					D	29083A	E-369, 373	
50212					D	39227A	E-362	
50213					D	BLBE	E-362	
50217			PBL1EI	TE, TT, TI-RC4A2 PENETRATION BOX	D		E-362	
50219			TE-RC4A2	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373	
50307		TI-RC4A4	ALNNI833Z	TE, TT, TI-RC4A4 INDICATING CIRCUIT	D	29026G	E-373	
50308					D	29026E	E-373	
50309					D	29026C	E-373	
50310					D	29026B*	E-364	
50311					D	29026A	E-362	
50314			PAL3DI	TE, TT, TI-RC4A4 PENETRATION BOX	D		E-362	
50316			TE-RC4A4	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373	
50407		TI-RC4B2	BLNNI154W	TE, TT, TI-RC4B2 INDICATING CIRCUIT	D	29111L	E-373	
50408					D	29111J	E-373	
50409					D	29111G	E-373	
50410					D	29111E	E-373	
50411					D	29111A	E-369, 373	
50412					D	BLBQ	E-369, 373	
50415			PBL3QI	TE, TT, TI-RC4B2 PENETRATION BOX	D		E-369	
50417			TE-RC4B2	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-373	
50508		TI-RC4B4	ALNNI833X	TE, TT, TI-RC4B4 INDICATING CIRCUIT	D	39159F	E-369, 373	
50509					D	39159D	E-369	
50510					D	39159C	E-369	
50511					D	39159A	E-369	
50512					D	ALBN	E-369	
50515			PAL2NI	TE, TT, TI-RC4B4 PENETRATION BOX	D		E-369	
50517			TE-RC4B4	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-369	
50608	RCS	RC11	1CBE1602D	MVRC11 CONTROL CIRCUIT	D	39289A	E-363, 366, 369	
50642			1PBE1602B	MVRC11 POWER CIRCUIT	D	39288A	E-363, 366, 369	
50647			MVRC11	P2R POWER RELIEF SHUTOFF VALVE (CH. 1)	D		E-367	
50648			P1C2LI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50650			P1P2MI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50561A		RC13A	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561B		RC13B	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561C		RC147	N/A	RCS PRESSURIZER VENT HEADER ISO VLV	D	N/A		
50715		RC200	2CBF1285N	MV0200 CONTROL CIRCUIT	D	39229B	E-366, 369	
50719			2PBF1285M	MV0200 POWER CIRCUIT	D	39229A	E-366, 369	
50724			MV0200	P2R SMPL LINE CTMT VNT HDR VLV (CH. 2)	D		E-369	
50725			P2C5GI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50727			P2P5FI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50802		RC239A	2CBF1126D	MV0239A CONTROL CIRCUIT	D	49083A	E-369	
50803					D	49083B	E-369, 369	
50838			2PBF1126B	MV0239A POWER CIRCUIT	D	49081A	E-369	
50844			MV0239A	PRESSURIZER VAPOR SAMPLE VALVE (CH. 2)	D		E-369	
50845			P2C5GI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50847			P2P5FI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50902		RC239B	2CBF1127D	MV0239B CONTROL CIRCUIT	D	49084A	E-369	
50903					D	49083B	E-362, 369	
50927			2PBF1127B	MV0239B POWER CIRCUIT	D	49114A	E-362, 369	
50933			MV0239B	PRESSURIZER LIQUID SAMPLE VALVE (CH. 2)	D		E-369	
50934			P2C5GI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50936			P2P5FI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51056B		RC2A	2CVRC2K	SVRC2A (PORV) INDICATING CIRCUIT	D	49703C	E-0367	
51056E					D	49703A	E-367	2 A
51056			2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	D	49700C	E-0367	
51056A					D	49700A	E-367	
51058A					D	P2P5FI	E-362	
51058B					D	49700B	E-362	
51057Q			P2C5GI	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	D			2 A
51055			SVRC2	PRESSURIZER PORV (CH. B)	D		E-367	
51100		RC4608A	1CV4608AA	SV4608A CONTROL CIRCUIT	D	49062A	E-366, 369	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
51127	RCS	RC4608A	P1P3BI	SV4608A PENETRATION TERMINAL BOX (CH. 1)	D		E-362	
51130			SV4608A	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51200		RC4608B	1CV4608BA	SV4608B CONTROL CIRCUIT	D	49133A	E-366, 369	
51220			P1C5SI	SV4608B PENETRATION BOX (CH. 1)	D		E-371	
51222			SV4608B	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51300		RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	D	49163A	E-366, 369	
51316			P2P5FI	SV4610A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51319			SV4610A	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51400		RC4610B	2CV4610BA	SV4610B CONTROL CIRCUIT	D	49162A	E-366, 369	
51409			P2C5CI	SV4610B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51411			SV4610B	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51500		RC4632	2CV4632A	SV4632 CONTROL CIRCUIT	D	39296A	E-362	
51543			JT3955	SV4632 TERMINAL BOX	D		E-362	
51545			P2C5CI	SV4632 PENETRATION TERMINAL BOX	D		E-369	
51549			SV4632	RCS COLD LEG SGI-2 SAMPLE VLV	D		E-369, 362	
56611	SFRCS	LLTSP9A6	1LSGLT11C	SG 2 LEVEL XMTR	D	29132C	E-373	
56612					D	29132A	E-373	
56614			P1L1LI	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56707		LLTSP9A7	1LSGLT31C	SG 2 LEVEL XMTR	D	29133A	E-373	
56708					D	29133C	E-373	
56710			P1L1LI	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56808		LLTSP9A8	2LSGLT21C	SG 2 LEVEL XMTR	D	29134B	E-373	
56809					D	29134A	E-373	
56811			P2L4GI	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
56911		LLTSP9A9	2LSGLT41C	SG 2 LEVEL XMTR	D	29135A	E-373	
56912					D	29135B	E-373	
56914			P2L4GI	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57015		LLTSP9B6	2LSGLT21D	SG 1 LEVEL XMTR	D	29134C	E-373	
57016					D	29134A	E-373	
57020			P2L4GI	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57111		LLTSP9B7	2LSGLT41D	SG 1 LEVEL XMTR	D	29135A	E-373	
57112					D	29135C	E-373	
57116			P2L4GI	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57211		LLTSP9B8	1LSGLT11D	SG 1 LEVEL XMTR	D	29132A	E-373	
57212					D	29132B	E-373	
57214			P1L1LI	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
57307		LLTSP9B9	1LSGLT31D	SG 1 LEVEL XMTR	D	29133A	E-373	
57308					D	29133B	E-373	
57310			P1L1LI	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	D		E-363	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00010	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	DD	1CDB	E-356-6	
00011					DD	1CPL	E-356-6	
00012					DD	1CJM	E-356-6	
00025			1CBE1146F	MV3869 CONTROL CIRCUIT	DD	5706A2	E-356-8	
00026					DD	1CPM	E-356-8	
00027					DD	1CPL	E-356-6	
00028					DD	1CLA	E-356-6	
00038			1CBE1146G	MV3869 CONTROL CIRCUIT	DD	1CP62A	E-356-10	
00039					DD	1CPL	E-356-6	
00040					DD	1CLA	E-356-6	
00054			1CBE1146H	MV3869 CONTROL CIRCUIT	DD	1CDB	E-356-6	
00055					DD	1CPL	E-356-6	
00056					DD	1CJM	E-356-6	
00129		AF3870	1CD107F	MV3870 CONTROL CIRCUIT	DD	5706A2	E-356-8	
00130					DD	1CPM	E-356-8	
00131					DD	1CPL	E-356-6	
00132					DD	1CDB	E-356-6	
00139			1CD107G	MV3870 CONTROL CIRCUIT	DD	1CP62A	E-356-10	
00140					DD	1CPL	E-356-10	
00141					DD	1CPT	E-356-6	
00142					DD	1CPM	E-356-6, 356-1	
00143					DD	46060A	E-356-6, 356-1	
00144					DD	46060B*	E-343,344,356-1	
00218		AF3871	2CBF1201F	MV3871 CONTROL CIRCUIT	DD	5706D2	E-356-8	
00219					DD	2CPN	E-356-8	
00220					DD	2CKM	E-356-7	
00226			2CBF1201G	MV3871 CONTROL CIRCUIT	DD	2CF92A	E-423	
00227					DD	2CEV	E-356-7	
00228					DD	2CPN	E-356-7	
00229					DD	2CKM	E-356-7	
00317		AF3872	2CBF1262F	MV3872 CONTROL CIRCUIT	DD	5706D2	E-356-8	
00318					DD	2CPN	E-356-8	
00319					DD	2CED	E-356-7	
00333			2CBF1262G	MV3872 CONTROL CIRCUIT	DD	2CF92A	E-423	
00334					DD	2CEV	E-356-7	
00335					DD	2CPN	E-356-7	
00336					DD	2CED	E-356-7	
00407		AF599	2CBF1118I	MV599 CONTROL CIRCUIT	DD	JB5776	E-356	
00408					DD	2CPN	E-356	
00409					DD	JT5722	E-356	
00411					DD	2CPN	E-356-7	
00412					DD	2CKL	E-356-7	
00413					DD	2CPR	E-356-7	
00414					DD	2CLA	E-356-7	
00433			JT5722	AF599 TERMINAL BOX (CH 2)	DD		E-356-1B	
00517		AF608	1CBE1160I	MV608 CONTROL CIRCUIT	DD	JB5777	E-356	
00518					DD	JT5721	E-356	
00520					DD	1CPM	E-356-6	
00521					DD	1CPT	E-356-6	
00522					DD	1CPL	E-356-6	
00523					DD	1CJL	E-356-6	
00548			JT5721	AF608 TERMINAL BOX (CH 1)	DD		E-356-1B	
00615		AF6451	2CLC6451C	AF6451 CONTROL CIRCUIT	DD	2CED	E-356-7	
00616					DD	2CKN	E-356-7	
00617					DD	2CPR	E-356-7	
00618					DD	2CKM	E-356-7	
00625			2CLC6451D	AF6451 CONTROL CIRCUIT	DD	2CKM	E-356-7	
00626					DD	2CPR	E-356-7	
00627					DD	2CKN	E-356-7	
00628					DD	2CED	E-356-7	
00682			2CLY6454A	LY6454 CONTROL CIRCUIT	DD	2CP17C	E-356-8	
00683					DD	2CPN	E-356-7	
00684					DD	2CPP	E-356-7	
00685					DD	2CEA	E-357-7	
00690			2CLY6454B	LY6454 CONTROL CIRCUIT	DD	2CP56C	E-356-8	
00691					DD	2CPN	E-356-7	
00692					DD	2CPP	E-356-7	
00693					DD	2CEA	E-356-1, 356-7	
00671			2LLC6451B	AF6451 CONTROL CIRCUIT	DD	46969A	E-356-1C 356-1B	
00672					DD	JB5780	E-356-1B	
00674					DD	46969B	E-356-1B	
00871		AF6452	1CLY6453A	LY6453 CONTROL CIRCUIT	DD	1CJL	E-356-1, 356-6	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
00872	AFWS	AF6452	1CLY6453A	LY6453 CONTROL CIRCUIT	DD	1CPL	E-356-1, 356-6					
00873					DD	1CP17A	E-356-8					
00880					DD	1CJL	E-356-1, 356-6					
00881			DD	1CP63C	E-356-1							
00882			DD	1CPL	E-356-1							
00814B				1LLC6452B	AF6452 CONTROL CIRCUIT	DD	27118B*	E-339, 344, 356				
00815			DD			27118C	E-356-1					
00816			DD			JBS781	E-356-1B					
00817			DD			57956A	E-356-1B					
00818			DD			JBS782	E-356-1B					
00819			DD			57956B	E-356-1B					
01026B			FW6459			FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	DD	27116B*	E-333, 339	
01027									DD	27116C	E-356	
01028									DD	1CPL	E-356	
01029				DD	1CPT		E-356-6					
01030	DD	1CPM		E-356-6								
01010B		1CLC6459H		FW6459 CONTROL CIRCUIT	DD		27116B*	E-333, 339				
01011	DD				27116C		E-356					
01012	DD				1CPL		E-356					
01013	DD				1CPT		E-356-6					
01014	DD				1CPM		E-356-6					
01056B					1LLC6459A		FW6459 CONTROL CIRCUIT	DD	27118B*	E-339, 344, 356		
01057	DD	27118C		E-356-1								
01058	DD	JBS781		E-356-1								
01059	DD	57956A		E-356-1								
01060	DD	JBS782		E-356-1								
01061	DD	57956	E-356									
01064		JT5721	FW6459 TERMINAL BOX (CH 1)	DD		E-356						
01109	FW6460	FW6460	2CLC6460B	FW6460 CONTROL CIRCUIT	DD	2CKM	E-356-7					
01110					DD	2CFN	E-356					
01103					DD	2CKM	E-356-7					
01104			DD	2CFN	E-356							
01133				2LLC6460A	FW6460 CONTROL CIRCUIT	DD	46969A	E-356-1				
01134			DD			JBS780	E-356-1					
01135			DD			46969B	E-356-1					
01136			DD	C5706C	E-356-1							
01138				JT5722	FW6460 TERMINAL BOX (CH 2)	DD		E-356				
01214			ICS038A	ICS038A	2CAFPT02B	ICS038A CONTROL CDF-12A-1 TO C5709	DD	5706D1	E-356-7, 356-8			
01215	DD	2CFN					E-356-7, 356-8					
01216	DD	2CKM					E-356-7					
01312	ICS038B	ICS038B	1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	DD	5706A1	E-356-6, 356-8					
01313					DD	1CPM	E-356-6, 356-8					
01314					DD	1CPL	E-356-1, 356-6					
01315			DD	27112C	E-356-1, 356-6							
01315A				ICAFPT01B	ICS038B CONTROL CDE-12-1 TO C5709	DD	27112B*	E-339, 344, 356				
01443	MS106	MS106	1CD135G	MV106 CONTROL CIRCUIT	DD	1CP62A	E-423					
01444					DD	1CPL	E-356-6					
01445					DD	46060A	E-356-6, 356-1					
01446					DD	1CPM	E-356-6, 356-1					
01447					DD	46060B*	E-343, 344					
01474						1CD135I	MV106 CONTROL CIRCUIT	DD	1CJL	E-356		
01475			DD	1CPL	E-356-6, 356-1C							
01476			DD	1CPT	E-356-1C							
01477			DD	1CPM	E-356-1C, 356-1A							
01478			DD	JBS777	E-356-1A							
01479			DD	1CPM	E-356-1B							
01626				JT5721	MV106 TERMINAL BOX (CH 1)			DD		E-356-1B		
01701			MS106A	MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	DD	57151A	E-356-1, 356-6			
01702	DD	1CPL					E-356-1, 356-6					
01703	DD	1CLA					E-356-6					
01733		1CBE1271G			MS106A CONTROL CIRCUIT	DD	1CLA	E-356-6				
01734	DD					1CPL	E-356-6					
01735	DD					JBS777	E-356-1A					
01735A	DD	1CPL			E-356-6							
01736	DD	1CPM			E-356-6							
01740		1CBE1271H			MV106A CONTROL CIRCUIT	DD	1CP62A	E-423				
01741	DD					1CPL	E-356-6					
01742	DD					1CLA	E-356-6					
01759		1CBE1271J			MV106A CONTROL CIRCUIT	DD	1CPL	E-356-6				
01760	DD					1CLA	E-356-6					
01816						JT5721	MV106A TERMINATION BOX (CH 1)	DD		E-356-1B		
01915	MS107	MS107			2CBF1124F	MV107 CONTROL CIRCUIT	DD	2CEA	E-356-7			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
01916	AFWS	MS107	2CBF1124F	MV107 CONTROL CIRCUIT	DD	2CLA	E-356-7					
01922			2CBF1124G	MV107 CONTROL CIRCUIT	DD	2CP92A	E-423					
01923						DD	2CEV	E-356-7				
01924						DD	2CPN	E-356-7				
01925						DD	2CKM	E-356-7				
01926						DD	2CPR	E-356-7				
01927						DD	2CLA	E-356-7				
01936					2CBF1124I	MS107 CONTROL CIRCUIT	DD	2CLA	E-356			
01938							DD	2CPP	E-356			
01938A							DD	2CPN	E-356			
01939							DD	JB5776	E-356			
01940							DD	2CPN	E-356			
01949					2CBF1124K	MV107 CONTROL CIRCUIT	DD	2CEA	E-356-7			
01950							DD	2CLA	E-356-7			
01969					2CBF1124P	MV107 CONTROL CIRCUIT	DD	2CEA	E-356-7			
01970							DD	2CLA	E-356-7			
01981					2CBF1124R	MV107 CONTROL CIRCUIT	DD	2CEA	E-356-7			
01982							DD	2CLA	E-356-7			
01997					2CBF1124V	MV107 CONTROL CIRCUIT	DD	2CEA	E-356-7			
01998							DD	2CLA	E-356-7			
02013					2CBF1124X	MV107 CONTROL CIRCUIT	DD	2CED	E-356-7			
02014							DD	2CKN	E-356-7			
02040					JTS722	MV107 TERMINATION BOX (CH 2)	DD		E-356			
02106			MS107A	MS107A	2CBF1188G	MV107A CONTROL CIRCUIT	DD	48043A	E-348			
02107								DD	2CKL	E-348		
02108								DD	2CPN	E-356		
02109								DD	JB5776	E-356		
02112							2CBF1188H	MV107A CONTROL CIRCUIT	DD	2CP92A	E-423	
02113									DD	2CEV	E-356-7	
02114									DD	2CPN	E-356-7	
02115									DD	2CKL	E-356-1	
02116									DD	48050A	E-356-1	
02120							2CBF1188J	MV107A CONTROL CIRCUIT	DD	2CP92A	E-423	
02121									DD	2CEV	E-356-7	
02122									DD	2CPN	E-356-7	
02123									DD	2CKL	E-356-1	
02124							DD	48050A	E-356-1			
02132					2CBF1188K	MV107A CONTROL CIRCUIT	DD	2CEA	E-356-7			
02133							DD	2CLA	E-356-7			
02139					2CBF1188L	MV107A CONTROL CIRCUIT	DD	2CKL	E-356-1			
02140							DD	48050A	E-356-1			
02142					2CBF1188M	MV107A CONTROL CIRCUIT	DD	JB5776	E-356			
02143							DD	2CPN	E-356			
02156					JTS722	MV107A TERMINATION BOX (CH 2)	DD		E-356			
02204	MS5889A	MS5889A			1CV5889AB	SV5889A CONTROL CIRCUIT	DD	5706A4	E-356-1			
02205								DD	1CPM	E-356-1		
02206								DD	1CPR	E-356-1		
02207								DD	1CPL	E-356-1		
02208								DD	27115C	E-356-1		
02209								DD	27115B*	E-339,344,356		
02216							1CV5889AC	SV5889A CONTROL CIRCUIT	DD	1CPL	E-356-1	
02217								DD	27115C	E-356-1		
02218								DD	27115B*	E-339,344,356		
02233B							1CV5889AG	SV5889A CONTROL CIRCUIT	DD	27115B*	E-339, 344, 356	
02234								DD	27115C	E-356		
02235								DD	1CPL	E-356		
02236								DD	1CP62A	E-356-1		
02244B							1CV5889AH	SV5889A CONTROL CIRCUIT	DD	27115B*	E-339, 344, 356	
02245								DD	27115C	E-356		
02246						DD	1CPL	E-356				
02247						DD	1CP62A	E-356-10				
02302			MS5889B	MS5889B	2CV5889BB	SV5889B CONTROL CIRCUIT	DD	5706B3	E-356-1			
02303								DD	2CPN	E-356-1		
02308							2CV5889BC	SV5889B CONTROL CIRCUIT	DD	2CP92B	E-356-7	
02309								DD	2CEV	E-356-7		
02310								DD	2CPN	E-356		
02311								DD	2CED	E-356		
02328							2CV5889BG	SV5889B CONTROL CIRCUIT	DD	2CED	E-356-7	
02329								DD	2CPN	E-356		
02330								DD	2CEV	E-356-7		
02331								DD	2CP92B	E-356-7		
02336							2CV5889BH	SV5889B CONTROL CIRCUIT	DD	2CED	E-356-7	
02337								DD	2CPN	E-356		
02338								DD	2CP92B	E-356-7		
02339								DD	2CEV	E-356-7		
02400					P241		BCAD210D	MP2410 CONTROL CIRCUIT	DD	BCPC	E-356-4	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
02402	AFWS	P241	BCAD210D	MP2410 CONTROL CIRCUIT	DD	BCP11C	E-356-8			
02403					DD	BCPD	E-356-4			
02404					DD	BCGL	E-356-4			
02412			BCAD210E		MP2410 CONTROL CIRCUIT	DD	BCP11C	E-356-8		
02413						DD	BCPC	E-356-4		
02414						DD	BCPD	E-356-4		
02415	DD	BCGL	E-356-4							
17401	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	DD	1CP63C	E-424			
17402					DD	46055A	E-356-1, 356-6			
17403					DD	1CPL	E-356-1, 356-6			
17404			1CBE1401J		MC0011 CONTROL CIRCUIT	DD	46055B*	E-343, 344, 355		
17415						DD	1CP16A	E-356-8		
17416						DD	46056A	E-356-1, 356-6		
17417			1CBE1401K		MC0011 CONTROL CIRCUIT	DD	1CPM	E-356-1, 356-6		
17418						DD	46056B*	E-343, 344, 355		
17422						DD	1CP16A	E-356-8		
17423						DD	46056A	E-356-1, 6		
17424						DD	1CPM	E-356-1, 6		
17425						DD	46056B*	E-343, 344, 355		
17501			C1-2		2CBF1401G	MC0012 CONTROL CIRCUIT	DD	2CP56C	E-424	
17502							DD	2CPN	E-356-7	
17503							DD	2CKM	E-356-1, 356-7	
17514	2CBF1401J	MC0012 CONTROL CIRCUIT		DD			2CP16C	E-356-8		
17515				DD			2CPN	E-356-7		
17516				DD			2CKM	E-356-1, 356-7		
17521	2CBF1401K	MC0012 CONTROL CIRCUIT		DD			2CP16C	E-356-8		
17522				DD			2CPN	E-356-7		
17523				DD			2CKM	E-356-1, 356-7		
17607	C1-3	1CBE1501F		MC0013 CONTROL CIRCUIT			DD	1CP16A	E-356-8	
17608							DD	46056A	E-356-1, 6	
17609							DD	1CPM	E-356-1, 6	
17610			1CBE1501G		MC0013 CONTROL CIRCUIT	DD	46056B*	E-343, 344, 355		
17614						DD	1CP16A	E-356-8		
17615						DD	46056A	E-356-1, 6		
17616		1CBE1501H	MC0013 CONTROL CIRCUIT		DD	1CPM	E-356-1, 6			
17617					DD	46056B*	E-343, 344, 356-1			
17621					DD	1CP63C	E-424			
17622					DD	46055A	E-356-1, 6			
17623					DD	1CPL	E-356-1, 6			
17624					DD	46055B*	E-343, 344, 355			
17643		2CBF1501F	MC0013 CONTROL CIRCUIT		DD	2CP16C	E-356-8			
17644					DD	2CPN	E-356-7			
17645					DD	2CKM	E-356-1, 7			
17650		2CBF1501G	MC0013 CONTROL CIRCUIT		DD	2CP16C	E-356-8			
17651					DD	2CPN	E-356-7			
17652					DD	2CKM	E-356-1, 7			
17657	2CBF1501H	MC0013 CONTROL CIRCUIT	DD	2CP56C	E-424					
17658			DD	2CPN	E-356-7					
17659			DD	2CKM	E-356-1, 7					
17709	CCWS	CC1407A	MV1407A CONTROL CIRCUIT	DD	1CJM	E-356-6				
17710				DD	1CPL	E-356-6				
17711				DD	1CP62C	E-356-10				
17719				1CBE1173G	MV1407A CONTROL CIRCUIT	DD	1CJL	E-356-6		
17720						DD	1CPL	E-356-6		
17721						DD	1CPT	E-356-6		
17722		CC1407B		MV1407B CONTROL CIRCUIT	DD	1CPM	E-356-6			
17723					DD	1CP17A	E-356-8			
17806					DD	48052A	E-356-7			
17807		CC1407B		MV1407B CONTROL CIRCUIT	DD	2CKL	E-356-7			
17808					DD	2CPN	E-356-7			
17809					DD	2CP55C	E-424			
17813	2CBF1158G		MV1407B CONTROL CIRCUIT		DD	48053A	E-356-7, 356-1			
17814					DD	2CKL	E-356-7, 356-1			
17815					DD	2CPN	E-356-7			
17816	DD	2CP18A	E-356-8							
17918	CC1409	2CBF1227F	CC1409 CONTROL CIRCUIT	DD	2CKM	E-356				
17919				DD	2CPN	E-356				
17920				DD	2CP02C	E-356-8				
18017	CC1410	2CBF1228F	CC1410 CONTROL CIRCUIT	DD	2CKM	E-356				
18018				DD	2CPN	E-356				
18019				DD	2CP02C	E-356				
18109	CC1411A	1CBE1176E	MV1411A CONTROL CIRCUIT	DD	1CPL	E-356-6				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18110	CCWS	CC1411A	1CBE1176E	MV1411A CONTROL CIRCUIT	DD	1CP62C	E-356-10	
18118			1CBE1176G	MV1411A CONTROL CIRCUIT	DD	1CPL	E-356-6	
18119					DD	1CPT	E-356-6	
18120					DD	1CPM	E-356-6	
18121					DD	1CP17A	E-356-8	
18130			1CLR3757A	MV1411A CONTROL CIRCUIT	DD	57070E	E-356-6	
18131					DD	1CPL	E-356-6	
18132					DD	1CJL	E-356-6	
18142			1CLR3757B	MV1411A CONTROL CIRCUIT	DD	1CJL	E-356-6	
18145					DD	1CPL	E-356-6	
18146					DD	57070E	E-356-6	
18206		CC1411B	2CBF1159E	MV1411B CONTROL CIRCUIT	DD	48052A	E-356-7, 356-1	
18207					DD	2CKL	E-356-7, 356-1	
18208					DD	2CPN	E-356-7	
18209					DD	2CP55C	E-424	
18213			2CBF1159G	MV1411B CONTROL CIRCUIT	DD	48053A	E-356-7, 356-1	
18214					DD	2CKL	E-356-7, 356-1	
18215					DD	2CPN	E-356-7	
18216					DD	2CP18A	E-356-8	
18219			2CBF1159H	MV1411B CONTROL CIRCUIT	DD	48052A	E-356-7, 356-1	
18220					DD	2CKL	E-356-7, 356-1	
18221					DD	2CPR	E-356-7	
18222					DD	2CKN	E-356-7	
18223					DD	2CED	E-356-7	
18231			2CLR3758A	MV1411B CONTROL CIRCUIT	DD	57071E	E-356-7, 356-1	
18232					DD	2CKL	E-356-7, 356-1	
18233					DD	2CPR	E-356-7	
18234					DD	2CKN	E-356-7	
18235					DD	2CED	E-356-7	
18241			2CLR3758B	MV1411B CONTROL CIRCUIT	DD	57071E	E-356-7	
18242					DD	2CKL	E-356-7	
18243					DD	2CPR	E-356-7	
18244					DD	2CKN	E-356-7	
18245					DD	2CED	E-356-7	
18303		CC1460	2CSF1724A	SV1460 CONTROL CIRCUIT	DD	57071E	E-356-7	
18304					DD	2CKL	E-356-7	
18305					DD	2CPN	E-356-7	
18306					DD	2CP18A	E-356-7	
18312			2CV1460D	SV1460 CONTROL CIRCUIT	DD	2CP18A	E-356-8	
18313					DD	2CPN	E-356-7	
18314					DD	2CPP	E-356-7	
18315					DD	2CEA	E-356-7	
18324			2CV1460E	SV1460 CONTROL CIRCUIT	DD	2CP55C	E-424	
18325					DD	2CPN	E-356-7	
18326					DD	2CPP	E-356-7	
18327					DD	2CEA	E-356-7	
18404		CC1467	1CV1467C	SV1467 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
18405					DD	1CPL	E-356-6	
18406					DD	1CDB	E-356-6	
18415			1CV1467E	SV1467 CONTROL CIRCUIT	DD	1CP62C	E-356-10	
18416					DD	1CPL	E-356-6	
18417					DD	1CDB	E-356-6	
18504		CC1469	2CV1469C	SV1469 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
18505					DD	2CPN	E-356-7	
18506					DD	2CPP	E-356-7	
18507					DD	2CEA	E-356-7	
18515			2CV1469E	SV1469 CONTROL CIRCUIT	DD	2CP55C	E-424	
18516					DD	2CPN	E-356-7	
18517					DD	2CPP	E-356-7	
18518					DD	2CEA	E-356-7	
18802		CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	DD	1CP17B	E-356	
18803					DD	1CPM	E-356	
18804					DD	1CPT	E-356	
18805					DD	57070E	E-356	
18806					DD	1CPL	E-356	
18812			1CV1495C	SV1495 CONTROL CIRCUIT	DD	1CP17A	E-356-8	
18813					DD	1CPL	E-356-6	
18814					DD	1CJM	E-356-6	
18820			1CV1495E	SV1495 CONTROL CIRCUIT	DD	1CP62C	E-356-10	
18821					DD	1CPL	E-356-6	
18822					DD	1CJM	E-356-6	
18906		CC2645	1CBE1161F	MV2645 CONTROL CIRCUIT	DD	5720C1	E-356-1, 356-6	
18907					DD	1CPL	E-356-1, 356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18908	CCWS	CC2645	1CBE1161F	MV2645 CONTROL CIRCUIT	DD	1CDB	E-356-6	
18978			1CLR3757A	MV2645 CONTROL CIRCUIT	DD	1CJL	E-356-6	
18979					DD	1CPL	E-356-6	
18980					DD	57070E	E-356-6	
18989			1CLR3757B	MV2645 CONTROL CIRCUIT	DD	1CJL	E-356-6	
18990					DD	1CPL	E-356-6	
18991					DD	57070E	E-356-6	
19109		CC2649	2CBF1161F	MV2649 CONTROL CIRCUIT	DD	5721A1	E-356-7, 356-1	
19110					DD	2CPN	E-356-7, 356-1	
19111					DD	2CEV	E-356-7	
19126			2CBF1161G	MV2649 CONTROL CIRCUIT	DD	2CEA	E-356-1	
19127					DD	2CPP	E-356-1	
19128					DD	2CPN	E-356-1	
19129					DD	2CEV	E-356-1	
19188			2CLR3758A	MV2649 CONTROL CIRCUIT	DD	2CEG	E-356-7	
19189					DD	2CED	E-356-7	
19190					DD	2CKN	E-356-7	
19191					DD	2CPR	E-356-7	
19192					DD	2CKL	E-356-7, 356-1	
19193					DD	57071E	E-356-7, 356-1	
19200			2CLR3758B	MV2649 CONTROL CIRCUIT	DD	2CEG	E-356-7	
19201					DD	2CED	E-356-7	
19202					DD	2CKN	E-356-7	
19203					DD	2CPR	E-356-7	
19204					DD	2CKL	E-356-7	
19205					DD	57071E	E-356-7	
19722		CC5095	1CBE1226F	MV5095 CONTROL CIRCUIT	DD	5720C1	E-356-9	
19723					DD	1CPL	E-356-1, 356-6	
19724					DD	46053A	E-356-1, 356-6	
19725					DD	46053B*	E-343, 344, 355	
19794			1CLR3757A	MV5095 CONTROL CIRCUIT	DD	1CJL	E-356-6	
19795					DD	1CPL	E-356-6	
19796					DD	57070E	E-356-6	
19805			1CLR3757B	MV5095 CONTROL CIRCUIT	DD	1CJL	E-356-6	
19806					DD	1CPL	E-356-6	
19807					DD	57070E	E-356-6	
19907		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	DD	2CEA	E-356-7	
19908					DD	2CLA	E-356-7	
19909					DD	2CPR	E-356-7	
19910					DD	2CKN	E-356-7	
19921			2CBF1106F	MV5096 CONTROL CIRCUIT	DD	5721A1	E-356-1	
19922					DD	2CPN	E-356-1	
19923					DD	2CPP	E-356-1	
19924					DD	2CLA	E-356-1	
19992			2CLR3758A	MV5096 CONTROL CIRCUIT	DD	2CEG	E-356-7	
19993					DD	2CED	E-356-7	
19994					DD	2CKN	E-356-7	
19995					DD	2CPR	E-356-7	
19996					DD	2CKL	E-356-7, 356-1	
19997					DD	57071E	E-356-7, 356-1	
20004			2CLR3758B	MV5096 CONTROL CIRCUIT	DD	2CEG	E-356-7	
20005					DD	2CED	E-356-7	
20006					DD	2CKN	E-356-7	
20007					DD	2CPR	E-356-7	
20008					DD	2CKL	E-356-7	
20009					DD	57071E	E-356-7	
20125D		CC5097	1CBE1227E	MV5097 CONTROL CIRCUIT	DD	46053B*	E-343, 344, 355	
20126			1CBE1227F	MV5097 CONTROL CIRCUIT	DD	46053A	E-356-1, 6	
20127					DD	1CPL	E-356-1, 6	
20128					DD	5720C2	E-356-9	
20193			1CLR3757A	MV5097 CONTROL CIRCUIT	DD	57070E	E-356-6	
20194					DD	1CPL	E-356-6	
20200					DD	1CJL	E-356-6	
20203			1CLR3757B	MV5097 CONTROL CIRCUIT	DD	57070E	E-356-6	
20204					DD	1CPL	E-356-6	
20205					DD	1CJL	E-356-6	
20302		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	DD	2CLA	E-356-7	
20303					DD	2CEA	E-356-7	
20321			2CBF1119F	MV5098 CONTROL CIRCUIT	DD	2CLA	E-356-7	
20322					DD	2CPP	E-356-7	
20323					DD	2CPN	E-356-7, 356-9	
20324					DD	5721A1	E-356-7, 356-9	
20390			2CLR3758A	MV5098 CONTROL CIRCUIT	DD	2CEG	E-356-7	
20392					DD	2CPR	E-356-7	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
20393	CCWS	CC5098	2CLR3758A	MV5098 CONTROL CIRCUIT	DD	2CKN	E-356-7			
20394					DD	2CED	E-356-7			
20395					DD	2CKL	E-356-7, 356-1			
20396					DD	57071E	E-356-7, 356-1			
20402					DD	57071E	E-356-7			
20403					DD	2CKL	E-356-7			
20404					DD	2CPR	E-356-7			
20406			DD	2CED	E-356-7					
20407			DD	2CEG	E-356-7					
20410			DD	2CKN	E-356-7					
27306			FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	DD	2CEA	E-356-7		
27307						DD	2CLA	E-356-7		
27308						DD	2CPR	E-356-7		
27309						DD	2CKM	E-356-7		
27317I	FIS1427D	2CD2P23A	CONTROL POWER TO FIS1422D	DD	2CEA	E-356-7				
27317J				DD	2CLA	E-356-7				
27317K				DD	2CPR	E-356-7				
27317L				DD	2CKM	E-356-7				
20501	P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	DD	1CP16A	E-356-8				
20502				DD	1CPL	E-356-6, 356-1				
20503				DD	27111C	E-356-6, 356-1				
20504				DD	27111B*	E-339, 344,355				
20518				DD	1CP16A	E-356-8				
20519				DD	1CPL	E-356-1, 356-6				
20520				DD	27111C	E-356-1, 356-6				
20521				DD	27111B*	E-343, 344,355				
20546				DD	1CAC113E	MP0431 CONTROL CIRCUIT	DD	1CP63C	E-356-8	
20547				DD	1CPL	E-356-6, 356-1				
20548				DD	27111C	E-356-6, 356-1				
20549A				DD	27111B*	E-339, 344, 355				
20701				P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
20702							DD	2CPN	E-356-7	
20703	DD	2CPP	E-356-7							
20704	DD	2CEA	E-356-7							
20716	DD	2CP16C	E-356-8							
20717	DD	2CPN	E-356-7							
20718	DD	2CPP	E-356-7							
20719	DD	2CEA	E-356-7							
20737	DD	2CP56C	E-424							
20738	DD	2CPN	E-356-7							
20739	DD	2CPP	E-356-7							
20740	DD	2CEA	E-356-7							
20901	P43-3	1CAC108B	MP0433 CONTROL CIRCUIT		DD	1CP16A	E-356-8			
20902					DD	1CPL	E-356-6, 356-1			
20903				DD	27111C	E-356-6, 356-1				
20904				DD	27111B*	E-339, 344, 356				
20917				DD	27111B*	E-339, 344, 356				
20921				DD	1CP16A	E-356-8	A			
20922				DD	1CPL	E-356-6	A			
20923		DD	27111C	E-356-6	A					
20988		DD	1CAC108H	MP0433 CONTROL CIRCUIT	DD	1CP63C	E-356-8			
20989		DD	1CPL	E-356-1, 356-6						
20990		DD	27111C	E-356-1, 356-6						
20991		DD	27111B*	E-339, 344, 356						
21006		DD	1CAC108I	MP0433 CONTROL CIRCUIT	DD	1CP15A	E-356-8			
21007		DD	1CPL	E-356-6, 356-1						
21008	DD	27111C	E-356-6, 356-1							
21009	DD	27111B*	E-339, 344, 356							
21059	DD	1CACD2C	MP0433 CONTROL CIRCUIT	DD	1CP15A	E-356-8				
21060	DD	1CPL	E-356-6, 356-1							
21061	DD	27111C	E-356-6, 356-1							
21062	DD	27111B*	E-339, 344, 355							
21098	DD	2CACD3C	MP0433 CONTROL CIRCUIT	DD	2CP15C	E-356-8				
21099	DD	2CPN	E-356-7							
21100	DD	2CPP	E-356-7							
21101	DD	2CEA	E-356-7							
21115	DD	2CAD108B	MP0433 CONTROL CIRCUIT	DD	2CP16C	E-356-8				
21116	DD	2CPN	E-356-7							
21117	DD	2CPP	E-356-7							
21118	DD	2CEA	E-356-7							
21130	DD	2CAD108C	MP0433 CONTROL CIRCUIT	DD	2CP16C	E-356-8				
21131	DD	2CPN	E-356-7							
21132	DD	2CPP	E-356-7							
21133	DD	2CEA	E-356-7							

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
21184	CCWS	P43-3	2CAD108H	MP0433 CONTROL CIRCUIT	DD	2CP56C	E-424			
21185					DD	2CPN	E-356-7			
21186					DD	2CPP	E-356-7			
21187					DD	2CEA	E-356-7			
21198					2CAD108I	MP0433 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
21199			DD	2CPN			E-356-7			
21200			DD	2CPP			E-356-7			
21201			DD	2CEA			E-356-7			
21312	CFS	CF01A	2CBF1120F	MVCF01A CONTROL CIRCUIT	DD	2CP16C	E-356-8			
21313					DD	2CPN	E-356-7			
21314					DD	2CPP	E-356-7			
21315					DD	2CLA	E-356-7			
21319					2CBF1120G	MVCF01A CONTROL CIRCUIT	DD	2CP55C	E-424	
21320			DD	2CPN			E-356-7			
21321			DD	2CPP			E-356-7			
21322			DD	2CLA			E-356-7			
21329				2CVCF01AB	MVCF01A CONTROL CIRCUIT	DD	2CP16C	E-356-8		
21330		DD	2CPN			E-356-7				
21331		DD	2CPP			E-356-7				
21332		DD	2CLA			E-356-7				
21413			CF01B	1CBEL162F	MVCF01B CONTROL CIRCUIT	DD	1CP16A	E-356-8		
21414		DD				1CPL	E-356-6			
21415		DD				1CJL	E-356-6			
21421							1CBEL162G	MVCF01B CONTROL CIRCUIT	DD	1CP63D
21422	DD	1CPL		E-356-6						
21423	DD	1CJM		E-356-6						
21432				1CVCF01BB	MVCF01B CONTROL CIRCUIT	DD			1CP16A	E-356-8
21433	DD	1CPL				E-356-6				
21434	DD	1CJL	E-356-6							
21508	CREVS	C21-1	1CBEL209C			MC0211 CONTROL CIRCUIT	DD	5720C1	E-356-9	
21509				DD	46055A		E-356-1, 356-6			
21510				DD	1CPL		E-356-1, 356-6			
21511				DD	46055B*		E-343, 344, 355			
21608		C21-2	2CBF1149C	MC0212 CONTROL CIRCUIT	DD	5721A1	E-356-7, 356-1			
21609	DD				2CPN	E-356-7, 356-1				
21610	DD				2CPP	E-356-7				
21611	DD				2CLA	E-356-7				
21775M		S33-1	1CBEL216E	MS33-1 CONTROL CIRCUIT	DD	46060B*	E-343, 344, 355			
21775N	DD				46060A	E-356-1				
21775P	DD				1CPM	E-356-6				
21775Q	DD				1CPT	E-356-6				
21775R	DD				1CPL	E-356-6				
21775S	DD				5720C2	E-356-9				
21715C				1CCEAC1C	MS3311 CONTROL CIRCUIT	DD	67002B*	E-355, 358		
21716	DD		67002C			E-356-6				
21717	DD		1CPM			E-356-6				
21718	DD		1CPL			E-356-1, 356-6				
21719	DD	27121A	E-356-1, 356-6							
21865J		S33-2	2CBF1131E	MS33-2 CONTROL CIRCUIT	DD	57940A	E-356-1			
21865K	DD				2CKN	E-356-1, 356-7				
21865L	DD				2CPN	E-356-1, 356-7				
21865M	DD				5721C7	E-356-1, 356-9				
21815				2CCEAC2C	MS3321 CONTROL CIRCUIT	DD	67199A	E-356-7		
21816	DD		2CKL			E-356-7				
21817	DD		2CPR			E-356-7				
21818	DD		2CKN			E-356-7				
21921	CSS	CS1530	1CBEL156H	MV1530 CONTROL CIRCUIT	DD	1CP63C	E-424			
21922					DD	1CPL	E-356-6			
21923					DD	1CJM	E-356-6			
21937							1CBEL156J	MV1530 CONTROL CIRCUIT	DD	1CP16A
21938			DD	1CPL	E-356-6					
21939			DD	1CJL	E-356-6					
22018					CS1531	MV1531 CONTROL CIRCUIT			DD	2CP56C
22019			DD	2CPN			E-356-7			
22020	DD	2CKL	E-356-1, 356-7							
22021	DD	48051A	E-356-1, 356-7							
22025			2CBF1147J	MV1531 CONTROL CIRCUIT			DD	2CP16C	E-356-8	
22026	DD	2CPN					E-356-7			
22027	DD	2CKL					E-356-1, 356-7			
22028	DD	48053A					E-356-1, 356-7			
22101		P56-1	1CBEL11B	MC0561 CONTROL CIRCUIT	DD	1CP16A	E-356-8			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
22102	CSS	P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	DD	46055A	E-356-1			
22103					DD	1CPL	E-356-1			
22104					DD	46055B*	E-343, 344, 355			
22108				1CBE111C	MC0561 CONTROL CIRCUIT	DD	1CP16A	E-356-8		
22109			DD			46055A	E-356-1, 356-6			
22110			DD			1CPL	E-356-1, 356-6			
22111						DD	46055B*	E-343, 344, 355		
22122				1CBE111E	MC0561 CONTROL CIRCUIT	DD	1CP62C	E-356-10		
22123			DD			46055A	E-356-1			
22124			DD			1CPL	E-356-1			
22125			DD			46055B*	E-343, 344, 355			
22201						P56-2	2CBF111B	MP0562 CONTROL CIRCUIT	DD	2CP16C
22202			DD	2CPN	E-356-7					
22203			DD	2CKL	E-356-7					
22208				2CBF111C	MP0562 CONTROL CIRCUIT		DD	2CP16C	E-356-8	
22209	DD	2CPN	E-356-7							
22210	DD	2CKL	E-356-7							
22221		2CBF111E	MP0562 CONTROL CIRCUIT	DD	2CP55C		E-423			
22222	DD			2CPN	E-356-7					
22223	DD			2CKL	E-356-7					
22229		2CBF111F	MP0562 CONTROL CIRCUIT	DD	2CEA		E-356-7			
22230	DD			2CPP	E-356-7					
22231	DD			2CPN	E-356-7					
22232	DD			2CKL	E-356-7					
22309	DHRS			DH01A	2CBF1136F	MVDH01A CONTROL CIRCUIT	DD	2CP16C	E-356-8	
22310		DD	2CPN				E-356-7			
22311		DD	2CED				E-356-7			
22318			2CBF1136J		MVDH01A CONTROL CIRCUIT	DD	2CP16C	E-356-8		
22319		DD				2CPN	E-356-7			
22320		DD				2CEA	E-356-7			
22409			DH01B	1CBE1106F	MVDH01B CONTROL CIRCUIT	DD	1CP16A	E-356-8		
22410		DD				1CPL	E-356-6			
22411		DD				1CJL	E-356-6			
22421				1CBE1106J	MVDH01B CONTROL CIRCUIT	DD	1CP16A	E-356-8		
22422		DD				1CPL	E-356-6			
22423		DD				1CJM	E-356-6			
22509		DH07A	2CBF1148F	MVDH07A CONTROL CIRCUIT	DD	2CP55D	E-424			
22510	DD				2CPN	E-356-7				
22511	DD				2CKL	E-356-7				
22512					DD	48050A	E-356-7			
22515			2CBF1148G	MVDH07A CONTROL CIRCUIT	DD	2CP56C	E-424			
22516	DD				2CPN	E-356-7				
22517	DD				2CKL	E-356-7				
22518					DD	48050A	E-356-7			
22522			2CBF1148I	MVDH07A CONTROL CIRCUIT	DD	2CP16C	E-356-8			
22523	DD				2CPN	E-356-7				
22524	DD				2CKL	E-356-7				
22525	DD				48053A	E-356-7				
22609		DH07B			1CBE1157F	MVDH07B CONTROL CIRCUIT	DD	1CP62D	E-356-10	
22610	DD		1CPL	E-356-6						
22611	DD		1CJM	E-356-6						
22619			1CBE1157G	MVDH07B CONTROL CIRCUIT	DD	1CP63D	E-424			
22620	DD				1CPL	E-356-6				
22621	DD				1CJM	E-356-6				
22634			1CBE1157I	MVDH07B CONTROL CIRCUIT	DD	1CP16A	E-356-8			
22635	DD				1CPL	E-356-6				
22636	DD				1CJL	E-356-6				
22705			DH09A	2CBF1142E	MVDH09A CONTROL CIRCUIT	DD	2CP55D	E-424		
22706	DD					2CPN	E-356-7			
22707	DD					2CED	E-356-7			
22712		2CBF1142F		MVDH09A CONTROL CIRCUIT	DD	2CP56D	E-424			
22713	DD				2CPN	E-356-7				
22714	DD				2CED	E-356-7				
22722		2CBF1142H		MVDH09A CONTROL CIRCUIT	DD	2CP16C	E-356-8			
22723	DD				2CPN	E-356-7				
22724	DD				2CED	E-356-7				
22805		DH09B		1CBE1112E	MVDH09B CONTROL CIRCUIT	DD	1CP62D	E-356-10		
22806	DD					1CPL	E-356-7			
22807	DD					1CJM	E-356-7			
22815			1CBE1112F	MVDH09B CONTROL CIRCUIT	DD	1CP63D	E-424			
22816	DD				1CPL	E-356-7				
22817	DD				1CJM	E-356-7				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
22830	DHRS	DH09B	1CBEL112H	MVDH09B CONTROL CIRCUIT	DD	1CP16A	E-356-8	
22831					DD	1CPL	E-356-6	
22832					DD	1CJL	E-356-6	
22905	DH11	2CBF1130E	MVDH11 CONTROL CIRCUIT	DD	2CF56D	E-424		
22906				DD	2CFN	E-356-7		
22907				DD	2CPP	E-356-7		
22908				DD	2CLA	E-356-7		
22916				DD	2CP02C	E-356-8		
22917		DD	2CFN	E-356-7				
22918		DD	2CPP	E-356-7				
22919		DD	2CLA	E-356-7				
22923		DD	2CP02C	E-356-8				
22924		DD	2CFN	E-356-7				
22925		DD	2CPP	E-356-7				
22926		DD	2CLA	E-356-7				
22931		DD	2CLA	E-356-7				
22932		DD	2CEA	E-356-7				
23011		DH12	1CBEL1183G	MVDH12 CONTROL CIRCUIT	DD	1CP02A	E-356-8	
23012	DD				1CFM	E-356-6		
23013	DD				1CPT	E-356-6		
23014	DD		1CPL	E-356-6				
23015	DD		1CJL	E-356-6				
23025	1CBEL1183J		MVDH12 CONTROL CIRCUIT	DD	1CP02A	E-356-8		
23026				DD	1CFM	E-356-6		
23027				DD	1CPT	E-356-6		
23028	DD		1CPL	E-356-6				
23029	DD	1CJL	E-356-6					
23102	DH13A	2CVDH13AB	SVDH13A CONTROL CIRCUIT	DD	2CP55C	E-424		
23103				DD	2CFN	E-356-7		
23104				DD	2CPP	E-356-7		
23105		DD	2CEA	E-356-7				
23114		2CVDH13AG	SVDH13A CONTROL CIRCUIT	DD	2CP18A	E-356-8		
23115				DD	2CFN	E-356-7		
23116				DD	2CPP	E-356-7		
23117	DD			2CEA	E-356-7			
23202	DH13B	1CVDH13BB	SVDH13B CONTROL CIRCUIT	DD	1CP62C	E-356-10		
23203				DD	1CPL	E-356-6		
23204				DD	1CDB	E-356-6		
23214		1CVDH13BE	SVDH13B CONTROL CIRCUIT	DD	1CP17A	E-356-8		
23215				DD	1CPL	E-356-6		
23216	DD	1CDB	E-356-6					
23302	DH14A	2CVDH14AB	SVDH14A CONTROL CIRCUIT	DD	2CP55C	E-424		
23303				DD	2CFN	E-356-7		
23304				DD	2CPP	E-356-7		
23305				DD	2CEA	E-356-7		
23314				2CVDH14AE	SVDH14A CONTROL CIRCUIT	DD	2CP17C	E-356-8
23315		DD	2CFN			E-356-7		
23316		DD	2CPP			E-356-7		
23317		DD	2CEA	E-356-7				
23326		2CVDH14AF	SVDH14A CONTROL CIRCUIT	DD	2CFN	E-356-7		
23327				DD	2CPP	E-356-7		
23328	DD			2CEA	E-356-7			
23402	DH14B	1CVDH14BB	SVDH14B CONTROL CIRCUIT	DD	1CP62C	E-356-10		
23403				DD	1CPL	E-356-6		
23404				DD	1CDB	E-356-6		
23414		1CVDH14BE	SVDH14B CONTROL CIRCUIT	DD	1CP17A	E-356-8		
23415				DD	1CPL	E-356-6		
23416				DD	1CDB	E-356-6		
23502	DH1517	1CBEL126C	MV1517 CONTROL CIRCUIT	DD	1CP02A	E-356-8		
23503				DD	1CFM	E-356-6		
23504				DD	1CPL	E-356-6		
23505				DD	1CDB	E-356-6		
23604	DH1518	2CBF1129C	MV1518 CONTROL CIRCUIT	DD	2CP02C	E-356-8		
23605				DD	2CFN	E-356-7		
23606				DD	2CED	E-356-7		
23706	DH2733	1CBEL121C	MV2733 CONTROL CIRCUIT	DD	1CP17A	E-356-8		
23707				DD	1CPL	E-356-6		
23708				DD	1CJL	E-356-6		
23725		1CBEL121H	MV2733 CONTROL CIRCUIT	DD	1CP62C	E-356-10		
23726				DD	1CPL	E-356-6		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23727	DHRS	DH2733	1CBE1121H	MV2733 CONTROL CIRCUIT	DD	1CJM	E-356-6	
23804		DH2734	2CBF1134C	MV2734 CONTROL CIRCUIT	DD	2CP17C	E-356-8	
23805					DD	2CPN	E-356-7	
23806					DD	2CED	E-356-7	
23823			2CBF1134H	MV2734 CONTROL CIRCUIT	DD	2CP55C	E-424	
23824					DD	2CPN	E-356-7	
23825					DD	2CPP	E-356-7	
23826					DD	2CEA	E-356-7	
23827					DD	57951A	E-356-1	
23828					DD	2CED	E-356-1	
23845S		DH2735	1CBE1155F	DH2735 CONTROL CIRCUIT	DD	1CJL	E-356-6	
23845T					DD	1CPL	E-356-6	
23845U					DD	1CPT	E-356-6	
23845V					DD	1CFM	E-356-6	
23845W					DD	1CP02A	E-356-8	
23860M		DH2736	2CBF1125F	DH2736 CONTROL CIRCUIT	DD	2CLA	E-356-7	
23860N					DD	2CPP	E-356-7	
23860P					DD	2CPN	E-356-7	
23860Q					DD	2CP02C	E-356-8	
23912		DH63	2CBF1195F	MVDH63 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
23913					DD	2CPN	E-356-6	
23914					DD	2CEV	E-356-6	
24017		DH64	1CBE1187F	MVDH64 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
24018					DD	1CPL	E-356-6	
24019					DD	1CLA	E-356-6	
24301		P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
24302					DD	1CPL	E-356-1, 356-6	
24303					DD	27113C	E-356-1, 356-6	
24304					DD	27113B*	E-339,344,356	
24317			1CAC112C	MP0421 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
24318					DD	1CPL	E-356-1, 356-6	
24319					DD	27113C	E-356-1, 356-6	
24320					DD	27113B*	E-339,344,356	
24339			1CAC112F	MP0421 CONTROL CIRCUIT	DD	1CP62C	E-356-10	
24340					DD	1CPL	E-356-1, 356-6	
24341					DD	27113C	E-356-1, 356-6	
24342					DD	27113B*	E-339,344,356	
24401		P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
24402					DD	2CPN	E-356-7	
24403					DD	2CED	E-356-7	
24415			2CAD112C	MP0422 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
24416					DD	2CPN	E-356-7	
24417					DD	2CED	E-356-7	
24439			2CAD112F	MP0422 CONTROL CIRCUIT	DD	2CP55C	E-424	
24440					DD	2CPN	E-356-7	
24441					DD	2CED	E-356-7	
24504	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	DD	1CP15A	E-356-8	
24505					DD	1CPL	E-356-1, 356-6	
24506					DD	27113C	E-356-1, 356-6	
24507					DD	27113B*	E-339,344,356	
24523			1CGD104C	SV 1147A/B CONTROL CIRCUIT	DD	1CP63C	E-424	
24524					DD	1CPL	E-356-1, 356-6	
24525					DD	27113C	E-356-1, 356-6	
24526					DD	27113B*	E-339,344,356	
24544			1CGD104E	SV1147A/B CONTROL CIRCUIT	DD	1CPL	E-356-1, 356-6	
24545					DD	27120A	E-356-1, 356-6	
24554					DD	1CP63C	E-424	
24604		DA1148A/B	2CGD204B	SV1148A/B CONTROL CIRCUIT	DD	2CP15C	E-356-8	
24605					DD	2CPN	E-356-7	
24606					DD	2CED	E-356-7	
24622			2CGD204C	SV1148A/B CONTROL CIRCUIT	DD	2CP56C	E-424	
24623					DD	2CPN	E-356-7	
24624					DD	2CED	E-356-7	
24643			2CGD204E	SV1148A/B CONTROL CIRCUIT	DD	2CP56C	E-424	
24644					DD	2CPN	E-356-7	
24645					DD	2CED	E-356-7	
24746		K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
24747					DD	1CPL	E-356-1, 356-6	
24748					DD	27112C	E-356-1, 356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
24749	EDG	K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	DD	27112B*	E-339,344,356			
24764			1CGD101N	EDG 1-1 CONTROL CIRCUIT	DD	1CP15A	E-356-8			
24765						DD	1CPL	E-356-1, 356-6		
24766						DD	27112C	E-356-1, 356-6		
24767						DD	27112B*	E-339, 344, 356		
25866					1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	DD	1CP62D	E-356-10	
25867							DD	1CPL	E-356-10	
25868							DD	27112C	E-356-10	
25869							DD	27112B*	E-339,344,356	
25886					1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	DD	1CP63C	E-424	
25887							DD	1CPL	E-356-6, 356-1	
25888							DD	27112C	E-356-6, 356-1	
25889							DD	27112B*	E-339,344,356	
24812					1CGD105A	EDG 1-1 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
24813							DD	1CPL	E-356-1	
24814						DD	27112C	E-356-1		
24815						DD	27112B*	E-339,344,356		
24840				1CGD106A	EDG 1-1 CONTROL CIRCUIT	DD	1CP15A	E-356-8		
24841						DD	1CPL	E-356-1, 356-6		
24842						DD	27112C	E-356-1, 356-6		
24843						DD	27112B*	E-339,344,356		
24940			K5-2	2CGD201L	EDG 1-2 CONTROL CIRCUIT	DD	2CP15C	E-356-8		
24941							DD	2CPN	E-356-7	
24942							DD	2CEA	E-356-7	
24957					2CGD201N	EDG 1-2 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
24958							DD	2CPN	E-356-7	
24959							DD	2CPP	E-356-7	
24960							DD	2CEA	E-356-7	
25002					2CGD205A	EDG 1-2 CONTROL CIRCUIT	DD	2CED	E-356-7	
25009							DD	2CP15C	E-356-8	
25010							DD	2CPN	E-356-7	
25030					2CGD206A	EDG 1-2 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
25031							DD	2CPN	E-356-7	
25032							DD	2CED	E-356-7	
35651M		ESSPWR		BUS B	BCHBDA	BKR HBBD CONT PWR (C1 BACKFEED)	DD	BCGM	E-356-4	A
35651N						DD	BCPC	E-356-4	A	
35651P					DD	BCP15D	E-356-8	A		
25701	C1		1CABDC1C	ABDC1 CONTROL CIRCUIT	DD	1CP15A	E-356			
25702						DD	1CPL	E-356		
25703						DD	27120A	E-356		
25736					1CABDC1L	ABDC1 CONTROL CIRCUIT	DD	1CP15A	E-356	
25737							DD	27120A	E-356	
25738							DD	1CPL	E-356	
25740					1CAC101C	AC101 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
25741							DD	27112C	E-356-8	
25742							DD	27112C	E-356-1, 356-6	
25743							DD	1CPL	E-356-1, 356-6	
25744							DD	27112B*	E-339,344,356	
25757					1CAC101D	AC101 CONTROL CIRCUIT	DD	1CP63C	E-424	
25758							DD	1CPL	E-356-1, 356-6	
25759							DD	27112C	E-356-1, 356-6	
25760							DD	27112B*	E-339,344,356	
25796					1CAC1033A	SWGR C1 CONTROL	DD	1CP15A	E-356-8	
25797							DD	1CJL	E-356-1,356-6	
25798							DD	27111C	E-356-1,356-6	
25799							DD	27111B*	E-339,344,356-6	
25811					1CAC1033B	SWGR C1 CONTROL	DD	1CP15A	E-356-8	
25812							DD	1CPL	E-356-1, 356-6	
25813							DD	27111C	E-356-1, 356-6	
25814							DD	27111B*	E-339,344,356	
25829					1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
25830							DD	1CPL	E-356-1, 356-6	
25831					DD	27115C	E-356-1, 356-6			
25832					DD	27115B*	E-339, 344,356			
26001	C2		1CAC110C	AC110 CONTROL CIRCUIT	DD	1CP15A	E-356-8			
26002						DD	1CPL	E-356-1, 356-6		
26003						DD	27120A	E-356-1, 356-6		
25953					ACAACC2C	BACKFEED CONTROL CIRCUIT E34B/1	DD	ACGF	E-356-1, 356-2	
25954							DD	ACPJ	E-356-1, 356-2	
25955							DD	ACPR	E-356-1, 356-2	
25956							DD	ACFG	E-356-1, 356-2	
25957							DD	ACP15B	E-356-1, 356-2	
25980					ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	DD	ACGF	E-356-1, 356-2	
25981							DD	ACPJ	E-356-1, 356-2	
25982							DD	ACPR	E-356-1, 356-2	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
25983	ESSPWR	C2	ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	DD	ACPG	E-356-1, 356-2					
25984					DD	ACP15B	E-356-1, 356-2					
26060P				ACAC2031A	BKR AMMETER AND TRIP AC110	DD	ACGF	E-356-1	A			
26060Q			DD			ACPJ	E-356-2	A				
26060R			DD	ACPR	E-356-2	A						
26060S			DD	ACPG	E-356-2	A						
26060T			DD	ACP15B	E-356-8	A						
26029				ACAC2032A	SWGR C2 CONTROL CIRCUIT	DD	ACP15B	E-356-8				
26030			DD			ACPG	E-356-2					
26031			DD			ACPR	E-356-2					
26032			DD			ACPJ	E-356-2					
26033			DD			ACGF	E-356-2					
32123						C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	DD	2CP16C	E-356-1	
32124			DD						2CPN	E-356-1		
32125	DD	2CKL	E-356-1									
32130		2CY211B	CNTRL POWER TO IND LTS FOR C5705	DD	2CP02C	E-356-8						
32131	DD			2CPN	E-356-7							
32132	DD	2CP16C	E-356-8									
26605E		2CY419A	INDICATING POWER TO C5705 (PORV)	DD	2CKM	E-356-7	2 A					
26605F	DD			2CPN	E-356-7	2 A						
26605G	DD			5705C1	E-356-8	2 A						
32711G	C5706	BCYBU28A	CONT POWER TO C5706 (IND SV5706 604)	DD	BCP02D	E-356-8						
32121H	C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	DD	46053B*	E-343, 344, 355						
32121I				DD	46053A	E-356-1, 356-6						
32121J				DD	1CPL	E-356-1, 356-6						
32121K				DD	1CP16A	E-356-8						
32121N				DD	1CP16A	E-356-8						
32121O				DD	1CPL	E-356-6						
32121P				DD	1CP63B	E-424						
32121S	C5709	1CY112C	CNTL PWR FOR IND LGTS + PROCESS MON IND	DD	1CP16A	E-356-8						
32121T				DD	1CPM	E-356-6						
32121U		2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	DD	5706A4	E-356						
32134D	DD			2CKL	E-356-1							
32134E	DD			2CPN	E-356-1							
32134F	DD			2CP16C	E-356-1							
32134I	DD			2CP16C	E-356-8							
32134J	DD			2CPN	E-356-7							
32134K	DD			2CP02C	E-356-8							
31833	C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	DD	1CP16A	E-356-8						
31834				DD	1CPL	E-356-1, 356-6						
31835				DD	46053A	E-356-1, 356-6						
31836				DD	46053B*	E-343, 344, 355						
31841				DD	1CP63B	E-424						
31842				DD	1CPL	E-356-6						
31843				DD	1CP16A	E-356-8						
31846				DD	1CP16A	E-356-8						
31847				DD	1CPM	E-356-6						
31849				DD	5706A4	E-356						
31826D				DD	2CKL	E-356-1						
31826F				DD	2CP16C	E-356-1						
31826I				DD	2CP16C	E-356-1						
31826J				DD	2CPN	E-356-7						
31826K	DD	2CP02C	E-356-8									
31851	C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	DD	1CP17B	E-356-8						
31852				DD	1CPM	E-356-1						
31853				DD	46056A	E-356-1						
31854				DD	46056B*	E-343, 344, 356-1						
32136				DD	2CP17C	E-356-8						
32137				DD	2CPN	E-356-7						
32138				DD	2CKL	E-356-7						
32143				DD	2CP55A	E-424						
32144				DD	2CPN	E-356-7						
32145				DD	2CP17C	E-356-8						
27238				C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	DD	2CP55C	E-424			
27239							DD	2CPN	E-356-7			
27240							DD	2CKM	E-356-7			
32109				C5755D	2CY207A	120VAC CONTROL POWER	DD	2CP55D	E-356-1			
32110	DD	2CPN	E-356-1									
32111	DD	2CKL	E-356-1									
24621	C5755E	2CY206A	CONTROL POWER TO C5755E	DD	2CP55E	E-356-1, 356-11						

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24622	ESSPWR	C5755E	2CY206A	CONTROL POWER TO C5755E	DD	2CPN	E-356-7	
24623					DD	2CKL	E-356-7	
32308	C5755G	2CY2A205A	CONTROL POWER TO C5755G	DD	2CKL	E-356		
32309				DD	2CPN	E-356		
32310				DD	2CP55G	E-356-11		
27231	C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	DD	2CP56D	E-424		
27232				DD	2CPN	E-356-7		
27233				DD	2CKM	E-356-7		
32501				DD	46865G	E-356-1		
32502	C5759C	4CY407A	CONTROL POWER TO SFAS-4 PANEL C5756D	DD	46865E	E-356-1		
32503				DD	46865C	E-356-1		
32710				DD	46189A	E-346, 356		
32711	DD	46189B	E-356					
32607	C5760D	APYAU26A	INST POWER FD TO NMI-Y BUS	DD	46188A	E-356		
32608				DD	46188B	E-356		
58200	C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	DD	1CPL	E-356-6		
58202				DD	46051A	E-356-1		
58203D				DD	46051B*	E-343, 344, 355		
31954				DD	1CJL	E-356-6		
31955	DD	1CPL	E-356-6					
31896	C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	DD	1CP62A	E-356-10		
31897				DD	46051A	E-356-1, 356-6		
31898				DD	1CPL	E-356-1, 356-6		
31899				DD	46051B*	E-343, 344, 355		
26812				DD	46050C	E-356-1		
26813				DD	46050B*	E-343, 344, 355		
26701	C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	DD	1CP62C	E-356-10		
26702				DD	1CPL	E-356-1		
26703				DD	46051A	E-356-1		
26704				DD	46051B*	E-343, 344, 355		
31812	C5762D	1CY107A	120V AC CONTROL POWER	DD	1CP62E	E-356-10		
31813				DD	1CPL	E-356-1, 356-6		
31814				DD	46053A	E-356-1, 356-6		
31815				DD	46053B*	E-343, 344, 355		
24631	C5762E	1CY106A	CONTROL POWER TO C5762E	DD	1CP62E	E-356-10		
24632				DD	1CPL	E-356-1, 356-6		
24633				DD	46053A	E-356-1		
24634				DD	46053B*	E-355		
31964				DD	46053B*	E-346, 347, 355		
31965				DD	46053A	E-356-1		
31966				DD	1CPL	E-356-6		
31967				DD	1CP62E	E-356-10		
32009D	C5763A	1CY1A105A	CONTROL POWER TO C5763A	DD	46060B*	E-343, 344, 355		
32012				DD	46060A	E-346		
32013				DD	1CPM	E-356-6		
32014				DD	1CPR	E-356-6		
32015				DD	1CPL	E-356		
32016				DD	1CP63A	E-356		
26709	C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	DD	1CP63D	E-356-10		
26710				DD	1CPL	E-356-1, 356-6		
26711				DD	46051A	E-356-1, 356-6		
26712				DD	46051B*	E-343, 344, 355		
32401				DD	46091G	E-356-1		
32402				DD	46091E	E-356-1		
32403	DD	46091C	E-356-1					
32404	DD	46091B*	E-343, 344, 355					
31971	C5792	2CY221B	CONT POWER SFRCS RELAY CH 2	DD	2CKL	E-356-7		
31972				DD	2CPN	E-356-7		
31973				DD	2CEV	E-356-7		
31974				DD	2CP92B	E-356-7		
58600				DD	2CPN	E-356-7		
58601				DD	2CEV	E-356-1		
58602				DD	2CP92B	E-356-1		
58603				DD	2CKL	E-356-7		
27341				DD	46117A	E-356-1		
31979				C5792A	2CY215B	INST POWER SFRCS LOGIC CH 2	DD	2CKL

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31980	ESSPWR	C5792A	2CY215B	INST POWER SFRCS LOGIC CH 2	DD	2CPN	E-356-7	
31981					DD	2CEV	E-356-7	
31982					DD	2CP92B	E-356-7	
58700					DD	2CPN	E-356-7	
58701					DD	2CEV	E-356-1	
58702					DD	2CP92B	E-356-1	
58703					DD	2CKL	E-356-7	
31986			2CYF211A	INST POWER TO SFRCS LOGIC CH 3	DD	2CLA	E-356-7	
31987					DD	2CPR	E-356-7	
31988					DD	2CKM	E-356-7	
31989					DD	2CPN	E-356-7	
31990					DD	2CEV	E-356-7	
31991					DD	2CP92B	E-356-7	
32315		C5798	2CY207AA	CONTROL POWER, NNI LTS - RCS VENT	DD	2CKL	E-356	
32316					DD	2CPN	E-356	
32317					DD	2CP98A	E-356	
32332			2CY209AA	CNTRL PWR NNI, IND LTS - RCS VENT	DD	2CP98A	E-356-1	
32333					DD	2CPN	E-356-7	
32334					DD	2CKL	E-356-7	
32021D		C5799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	DD	46060B*	E-343,344,355	
32024					DD	46060A	E-346	
32025					DD	1CPM	E-356-6	
32026					DD	1CP99A	E-356	
32053A			1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	DD	1CP99A	E-356-1	
32054					DD	1CPM	E-356-1, 356-6	
32055					DD	46056A	E-356-1, 356-6	
32056					DD	46056B*	E-343,344,356-1	
31803D		C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	DD	67002B*	E-355, 358	
31804					DD	67002B	E-356-1	
31805					DD	67002C	E-356-1	
31806					DD	1CPM	E-356-1, 356-6	
31807					DD	46058A	E-356-1, 356-6	
31808					DD	46058B*	E-343,344,356-1	
32103		C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	DD	2CKL	E-356-1, 356-7	
32104					DD	67199A	E-356-7	
31810I		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	DD	67002B*	E-355, 358	
31810J					DD	67002B	E-356-1	
31810K					DD	67002C	E-356-1	
31810L					DD	1CPM	E-356-1, 356-6	
31810M					DD	46058A	E-356-1, 356-6	
31810N					DD	46058A*	E-343, 344, 355	
32107C		C6715	2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	DD	2CKL	E-356-1, 356-7	
32107D					DD	67199A	E-414	
31865		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	DD	1CJL	E-356-6	
31866					DD	1CPL	E-356-6	
31867					DD	1CDB	E-356-6	
32151		CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	DD	2CEA	E-356-7	
32152					DD	2CLA	E-356-7	
32153					DD	2CPR	E-356-7	
32154					DD	2CKL	E-356-7	
32160			2CY214B	CONTROL POWER TO RC4605 (P7531X)	DD	2CKL	E-356-7	
32161					DD	2CPR	E-356-7	
32162					DD	2CLA	E-356-7	
32163					DD	2CEA	E-356-7	
32169			2CY214C	CONTROL POWER TO CDF-11A-1 (CF01A IND)	DD	2CLA	E-356-7	
32170					DD	2CEA	E-356-7	
27252		CDF-12A-1	2CD2P20B	CONTROL POWER TO CDF11C	DD	2CED	E-356-7	
27253					DD	2CRN	E-356-7	
27254					DD	2CPR	E-356-7	
27255					DD	2CKM	E-356-7	
27270			2CD2P20D	CONTROL POWER TO CDF11D	DD	2CEV	E-356-7	
27271					DD	2CPN	E-356-7	
27272					DD	2CED	E-356-7	
26201		D1	2CAACD1C	AACD1 CONTROL CIRCUIT	DD	2CP15C	E-356	
26202					DD	2CPN	E-356	
26203					DD	2CPP	E-356	
26204					DD	2CEA	E-356	
26223			2CAACD1L	AACD1 CONTROL CIRCUIT	DD	2CP15C	E-356	
26224					DD	2CPN	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
26225	ESSPWR	D1	2CAACD1L	AACD1 CONTROL CIRCUIT	DD	2CPP	E-356			
26226						DD	2CEA	E-356		
26237				2CAD101C	AD101 CONTROL CIRCUIT	DD	2CP15C	E-356-8		
26238						DD	2CFN	E-356-7		
26239						DD	2CPP	E-356-7		
26240						DD	2CEA	E-356-7		
26252					2CAD101D	AD101 CONTROL CIRCUIT	DD	2CP56C	E-424	
26253						DD	2CFN	E-356-7		
26254						DD	2CPP	E-356-7		
26255						DD	2CEA	E-356-7		
26284					2CAD1033A	SWGR D1 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
26285						DD	2CFN	E-356-7		
26286						DD	2CPP	E-356-7		
26287						DD	2CEA	E-356-7		
26299					2CAD1033B	SWGR D1 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
26300						DD	2CFN	E-356-7		
26301						DD	2CPP	E-356-7		
26302						DD	2CEA	E-356-7		
26315					2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
26316						DD	2CFN	E-356-7		
26317						DD	2CED	E-356-7		
26346					2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	DD	2CP55D	E-424	
26347						DD	2CFN	E-356-7		
26348						DD	2CPP	E-356-7		
26349						DD	2CEA	E-356-7		
26365					2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	DD	2CP56C	E-424	
26366						DD	2CFN	E-356-7		
26367						DD	2CPP	E-356-7		
26368						DD	2CEA	E-356-7		
27000			D2	D2	2CAD110C	AD110 CONTROL CIRCUIT	DD	2CFN	E-356-7	
27001						DD	2CPP	E-356-7		
27002						DD	2CEA	E-356-7		
27005						DD	2CP15C	E-356-8		
27050T		BCABDD2C			CNTRL CIRC TO C57157 (BACKFEED) E32B/7	DD	BCGK	E-356-4		
27050U						DD	BCGL	E-356-4		
27050V						DD	BCFD	E-356-4		
27050W						DD	BCPC	E-356-4		
27050X						DD	BCP15D	E-356-8		
27052A		BCABDD2H			CNTRL CIRC TO C5715 (BACKFEED) E32B/7	DD	BCGL	E-356-4		
27052B						DD	BCFD	E-356-4		
27052C						DD	BCPC	E-356-4		
27052D						DD	BCP15D	E-356-8		
27053E		BCAD2031A			BKR AMMETER AND TRIP AD110	DD	BCGL	E-356-1	A	
27053F						DD	BCFD	E-356-1	A	
27053G						DD	BCPC	E-356-4	A	
27053H						DD	BCP15D	E-356-8	A	
27024		BCAD2032A			SWGR D2 CONTROL CIRCUIT	DD	BCP15D	E-356-8		
27025						DD	BCPC	E-356-4		
27026						DD	BCPD	E-356-4		
27027				DD	BCGL	E-356-4				
28601	E1	E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	DD	1CP15A	E-356-8			
28602						DD	1CPL	E-356-1, 356-6		
28603						DD	27111C	E-356-1, 356-6		
28604						DD	27111B*	E-339, 344, 356		
28624				1CAC11CEF	AC1CE11 CONTROL CIRCUIT	DD	1CP15A	E-356-8		
28625						DD	1CPL	E-356-1, 356-6		
28626						DD	27111C	E-356-1, 356-6		
28627						DD	27111B*	E-339, 344, 356		
28641				1CAC12CED	AC1CE12 CONTROL CIRCUIT	DD	1CP15A	E-356-8		
28642						DD	1CPL	E-356-1, 356-6		
28643						DD	27111C	E-356-1, 356-6		
28644						DD	27111B*	E-339, 344, 356		
28664				1CAC12CEF	AC1CE12 CONTROL CIRCUIT	DD	1CP15A	E-356-8		
28665						DD	1CPL	E-356-1, 356-6		
28666						DD	27111C	E-356-1, 356-6		
28667						DD	27111B*	E-339, 344, 356		
28687				1CBCE11B	BCE11 CONTROL CIRCUIT	DD	1CP15A	E-356-8		
28688						DD	1CPL	E-356-6		
28689						DD	1CPR	E-356-6		
28690						DD	1CFM	E-356-6, 356-1		
28691				DD	46056A	E-356-6, 356-1				
28692				DD	46056B*	E-343, 344, 356-1				
28704		1CBCE12B	BCE12 CONTROL CIRCUIT	DD	1CP15A	E-356-8				
28705				DD	1CPL	E-356-6, 356-1				
28706				DD	46055A	E-356-6, 356-1				
28707				DD	46055B*	E-343, 344, 355				
30301	F1		2CAD11DFD	AD1DF11 CONTROL CIRCUIT	DD	2CP15C	E-356-8			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
30302	ESSPWR	F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	DD	2CPN	E-356-7			
30303					DD	2CPP	E-356-7			
30304					DD	2CEA	E-356-7			
30322			2CAD11DFD	AD1DF11 CONTROL CIRCUIT	DD	2CP15C	E-356-8			
30323					DD	2CPN	E-356-7			
30324					DD	2CPP	E-356-7			
30325			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	DD	2CEA	E-356-7			
30337					DD	2CP15C	E-356-8			
30338					DD	2CPN	E-356-7			
30339			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	DD	2CPP	E-356-7			
30340					DD	2CEA	E-356-7			
30358					DD	2CP15C	E-356-8			
30359			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	DD	2CPN	E-356-7			
30360					DD	2CPP	E-356-7			
30361					DD	2CEA	E-356-7			
30379		2CBDF11B	BDF11 CONTROL CIRCUIT	DD	2CP15C	E-356-8				
30380				DD	2CPN	E-356-6				
30381				DD	2CKL	E-356-6				
30392		2CBDF12B	BDF12 CONTROL CIRCUIT	DD	2CP15C	E-356-8				
30393				DD	2CPN	E-356-6				
30394				DD	2CKL	E-356-6				
31609		F7	BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	DD	BCPD	E-356-4			
31610					DD	BCPC	E-356-4			
31611					DD	BCP15D	E-356-8			
31628					BCAD2DF7F	AD2DF7 CONTROL CIRCUIT	DD	BCPD	E-356-4	
31629							DD	BCPC	E-356-4	
31630			DD	BCP15D			E-356-8			
31652			BCBDF7B	BDF7 CONTROL CIRCUIT	DD	BCPR	E-356-4			
31653					DD	BCPC	E-356-4			
31654					DD	BCP15D	E-356-8			
31636			BCBF7A	BDF7 CONTROL CIRCUIT	DD	BCPR	E-356-4			
31637					DD	BCPC	E-356-4			
31638					DD	BCP15D	E-356-8			
32717			RC1761	BCYBU41A	CONTROL POWER TO WC1747	DD	BCKQ	E-356, 356-4		
32718						DD	BCPC	E-356-4		
32719	DD					BCPR	E-356-4			
32720	DD	BCPE				E-356-4				
32721	DD	BCEQ				E-356-4				
26616	RC3601	1CD1P21A	CONTROL POWER TO RC3701	DD	1CJL	E-356-6				
26617				DD	1CPL	E-356-1, 356-6				
26618				DD	46053A	E-356-1, 356-6				
26619		1CD1P21B	CONTROL POWER TO RC3601	DD	46053B*	E-343,344,356-1				
26635				DD	1CJL	E-356-6				
26636				DD	1CPL	E-356-1, 356-6				
26637	DD	27122A	E-356-1, 356-6							
27347D	RC3602	2CD2P21A	CONTROL POWER TO RC3702	DD	2CEA	E-356-7				
27347E				DD	2CLA	E-356-7				
27347F				DD	2CPR	E-356-7				
27347G				DD	2CKM	E-356-7				
26731	RC3607	1CD1P21A	CONTROL POWER TO RC3601	DD	1CJL	E-356-6				
26732				DD	1CPL	E-356-1, 356-6				
26733				DD	46053A	E-356-1, 356-6				
26734		1CD1P21B	CONTROL POWER TO RC3601	DD	46053B*	E-343,344,356-1				
26746				DD	1CJL	E-356-6				
26747				DD	1CPL	E-356-1, 356-6				
26748	DD	27122A	E-356-1, 356-6							
27282	RC3608	2CD2P21A	CONTROL POWER TO RC3702	DD	2CEA	E-356-7				
27283				DD	2CLA	E-356-7				
27284				DD	2CPR	E-356-7				
27285				DD	2CKM	E-356-7				
26916	RC3701	1CD1P21A	CONTROL POWER TO RC3701	DD	1CJL	E-356-6				
26917				DD	1CPL	E-356-1, 356-6				
26918				DD	46053A	E-356-1, 356-6				
26919		1CD1P21B	CONTROL POWER TO RC3601	DD	46053B*	E-343,344,356-1				
26935				DD	1CJL	E-356-6				
26936				DD	1CPL	E-356-1, 356-6				
26937	DD	27122A	E-356-1, 356-6							
27134	RC3702	2CD2P21A	CONTROL POWER TO RC3702	DD	2CEA	E-356-7				
27135				DD	2CLA	E-356-7				
27136				DD	2CPR	E-356-7				
27137				DD	2CKM	E-356-7				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
32179	ESSPWR	RC3705	2CY216A	CONTROL POWER TO RC3705 (LR3758)	DD	2CLA	E-356-7	
32180					DD	2CPR	E-356-7	
32181					DD	2CKL	E-356-7	
27217		ZC6451	2CD2P13A	CONTROL POWER TO FW6451	DD	2CKM	E-356	
27218					DD	2CPR	E-356-7	
27219					DD	2CKN	E-356	
27220					DD	2CED	E-356-7	
27203		ZC6460	2CD2P10A	CONTROL POWER TO FW6460	DD	2CKM	E-356	
27204					DD	2CPR	E-356-7	
27205					DD	2CKN	E-356	
27206					DD	2CED	E-356-7	
33809	HPIS	HP02A	2CBF1139F	MVHP02A CONTROL CIRCUIT	DD	2CP16C	E-356-8	
33810					DD	2CPN	E-356-7	
33811					DD	2CED	E-356-7	
33816		2CBF1139G	MVHP02A CONTROL CIRCUIT	DD	2CP56C	E-424		
33817				DD	2CPN	E-356-7		
33818				DD	2CED	E-356-7		
33909	HP02B	2CBF1141F	MVHP02B CONTROL CIRCUIT	DD	2CP16C	E-356-8		
33910				DD	2CPN	E-356-7		
33911				DD	2CED	E-356-7		
33917		2CBF1141G	MVHP02B CONTROL CIRCUIT	DD	2CP56C	E-424		
33918				DD	2CPN	E-356-7		
33919				DD	2CED	E-356-7		
34010	HP02C	1CBE1103F	MVHP02C CONTROL CIRCUIT	DD	1CP16A	E-356-8		
34011				DD	1CPL	E-356-6		
34012				DD	1CJL	E-356-6		
34018		1CBE1103G	MVHP02C CONTROL CIRCUIT	DD	1CP63C	E-424		
34019				DD	1CPL	E-356-6		
34020				DD	1CJM	E-356-6		
34110	HP02D	1CBE1105F	MVHP02D CONTROL CIRCUIT	DD	1CP16A	E-356-8		
34111				DD	1CPL	E-356-6		
34112				DD	1CJL	E-356-6		
34118		1CBE1105G	MVHP02D CONTROL CIRCUIT	DD	1CP63C	E-424		
34119				DD	1CPL	E-356-6		
34120				DD	1CJM	E-356-6		
34212	HP31	2CBF1194F	MVHP31 CONTROL CIRCUIT	DD	2CP16C	E-356-8		
34213				DD	2CPN	E-356-7		
34214				DD	2CEV	E-356-7		
34314	HP32	1CBE1286F	MVHP32 CONTROL CIRCUIT	DD	1CP16A	E-356-8		
34315				DD	1CPL	E-356-6		
34316				DD	1CJM	E-356-6		
34414B	P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	DD	27115B*	E-339, 344, 356		
34414C				DD	1CPL	E-356-6		
34415				DD	27115C	E-356-1		
34416				DD	1CJM	E-356-1		
34502D	P197-2	1CD106B	MP1972 CONTROL CIRCUIT	DD	46058B*	E-343, 344, 355		
34503				DD	46058A	E-356-1, 356-6		
34504				DD	1CPM	E-356-1, 356-6		
34505				DD	1CPT	E-356-6		
34506				DD	1CPL	E-356-6		
34507				DD	1CJM	E-356-6		
34526D		1CD106D	MP1972 CONTROL CIRCUIT	DD	46058B*	E-343, 344, 355		
34527				DD	46058A	E-356-1, 356-6		
34528				DD	1CPM	E-356-1, 356-6		
34529				DD	1CPT	E-356-6		
34530				DD	1CPL	E-356-6		
34531				DD	1CJM	E-356-6		
34602	P198-1	2CBF1231B	MP1981 CONTROL CIRCUIT	DD	2CKM	E-356-7		
34603				DD	2CPR	E-356-7		
34604				DD	2CKN	E-356-7		
34702	P198-2	2CD206B	MP1982 CONTROL CIRCUIT	DD	2CKM	E-356-7		
34703				DD	2CPR	E-356-7		
34704				DD	2CKN	E-356-7		
34720		2CD206D	MP1982 CONTROL CIRCUIT	DD	2CKM	E-356-7		
34721				DD	2CPR	E-356-7		
34722				DD	2CKN	E-356-7		
34801	P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	DD	1CP16A	E-356-8		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
34802	HPIS	P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	DD	1CPL	E-356-1			
34803						DD	27123A	E-356-1		
34815					1CAC111C	MP0581 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
34816							DD	1CPL	E-356-6	
34817							DD	27123A	E-356-6	
34838					1CAC111F	MP0581 CONTROL CIRCUIT	DD	1CP63C	E-424	
34839							DD	1CPL	E-356-1, 356-6	
34840							DD	27123A	E-356-1, 356-6	
34901		P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	DD	2CP16C	E-356-8			
34902						DD	2CPN	E-356-7		
34903						DD	2CPP	E-356-7		
34904						DD	2CEA	E-356-7		
34916					2CAD111C	MP0582 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
34917							DD	2CPN	E-356-7	
34918							DD	2CPP	E-356-7	
34919							DD	2CEA	E-356-7	
34941					2CAD111F	MP0582 CONTROL CIRCUIT	DD	2CP56C	E-424	
34942							DD	2CPN	E-356-7	
34943							DD	2CPP	E-356-7	
34944							DD	2CEA	E-356-7	
37414	HVAC	HV5305A	1CBEL240E	MV5305A CONTROL CIRCUIT	DD	1CJM	E-356-6			
37415						DD	1CPL	E-356-1		
37416						DD	46051A	E-356-1		
37417						DD	46051B*	E-343,344,355		
37513		HV5305B	1CBEL241E	MV5305B CONTROL CIRCUIT	DD	1CJM	E-356-6			
37514						DD	1CPL	E-356-1, 356-6		
37515						DD	46051A	E-356-1, 356-6		
37516						DD	46051B*	E-343,344,355		
39203	MSS	ICS11A	2CVCS11AC	SVICS11A CONTROL CIRCUIT	DD	67081C	E-356-7, 356-1			
39204						DD	2CPN	E-356-7, 356-1		
39205						DD	JB5776	E-356-1		
39210F					2CVCS11AE	SVICS11A CONTROL CIRCUIT	DD	67081C	E-356-7, 356-1	
39210G							DD	2CPN	E-356-7, 356-1	
39210H							DD	JB5783	E-356-1	
39211					2CVCS11AG	SVICS11A CONTROL CIRCUIT	DD	JB5783	E-356-1	
39212							DD	2CPN	E-356-1	
39213							DD	2CEV	E-356-1	
39214							DD	2CF92A	E-356-1	
39224					JT5722	SVICS11A TERMINAL BOX (CH.2)	DD		E-356	
39303				ICS11B	1CVCS11BC	SVICS11B CONTROL CIRCUIT	DD	JB5777	E-356	
39304						DD	1CFR	E-356		
39305						DD	1CFM	E-356		
39306						DD	1CPL	E-356-1, 356-6		
39307						DD	68007C	E-356-1, 356-6		
39313					1CVCS11BE	SVICS11B CONTROL CIRCUIT	DD	1CPL	E-356-1, 356-6	
39314							DD	68007C	E-356-1, 356-6	
39320					JT5721	SVICS11B TERMINAL BOX (CH 1)	DD		E-356	
39409	MS100		1CFV100DH	FV100 CONTROL CIRCUIT	DD	1CFM	E-356			
39410						DD	1CPT	E-356		
39411						DD	1CPL	E-356		
39412						DD	1CP62A	E-356		
39417					1CFV100DJ	FV100 CONTROL CIRCUIT	DD	1CP62A	E-356	
39423C					1CFV100BG	FV100 CONTROL CIRCUIT	DD	67007B*	E-355, 358	
39424							DD	67007C	E-356	
39425							DD	1CPL	E-356	
39426							DD	1CP62A	E-356	
39441					2CFV100AE	FV100 CONTROL CIRCUIT	DD	57162B	E-414	
39442							DD	2CPN	E-356	
39443							DD	JB5776	E-356	
39444							DD	2CEV	E-356	
39445							DD	2CP92A	E-423	
39449					2CFV100B	FV100 CONTROL CIRCUIT	DD	JB5776	E-356-1	
39451							DD	2CPN	E-356-7	
39452							DD	2CPP	E-356-7	
39453							DD	2CLA	E-356-7	
39467					2CFV100BG	FV100 CONTROL CIRCUIT	DD	2CLA	E-356	
39468							DD	2CPP	E-356	
39469					DD	2CPN	E-356			
39470					DD	JB5776	E-356			
39471					DD	2CPN	E-356			
39472					DD	2CEV	E-356			
39473					DD	2CP92A	E-423			
39491			2CRSCC12A	SV100B CONTROL CIRCUIT (SFRCS)	DD	2CP06A	E-356			

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39492	MSS	MS100	2CRSCC12A	SV100B CONTROL CIRCUIT (SFRCS)	DD	JT5722	E-356	
39493					DD	2CPN	E-356	
39494					DD	2CEV	E-356	
39495					DD	2CP92A	E-356, 423	
39499			2CRSCC14A	SV100A CONTROL CIRCUIT (SFRCS)	DD	2CP06A	E-356	
39499A					DD	JT5722	E-356	
39499B					DD	2CPN	E-356	
39499C					DD	2CEV	E-356	
39499D					DD	2CP92A	E-356, 423	
39483			JT5722	FV100 TERMINAL BOX (CH. 2)	DD		E-356	
39551		MS100-1	2CRSCC12A	SV100-1 CONTROL CIRCUIT (SFRCS)	DD	2CP06A	E-356	
39552					DD	JT5722	E-356	
39553					DD	2CPN	E-356	
39554					DD	2CEV	E-356	
39555					DD	2CP92A	E-356, 423	
39559			2CRSCC14A	SV100-1 CONTROL CIRCUIT (SFRCS)	DD	2CP06A	E-356	
39560					DD	JT5722	E-356	
39561					DD	2CPN	E-356	
39562					DD	2CEV	E-356	
39563					DD	2CP92A	E-356, 423	
39503			2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DD	JB5776	E-356-8	
39504					DD	2CPN	E-356-7	
39509					DD	2CKL	E-356-7	
39515			2CV1001F	V100/SV1001 CONTROL CIRCUIT	DD	2CKL	E-356-7	
39516					DD	2CPN	E-356-7	
39517					DD	JB5783	E-356-7	
39518					DD	2CEV	E-356-7	
39519					DD	2CP92A	E-356-7	
39608		MS101	1CFV101AE	FV101 CONTROL CIRCUIT	DD	58097B	E-356	
39609					DD	1CPM	E-356	
39610					DD	1CPL	E-356	
39611					DD	1CP62A	E-356	
39615			1CFV101B	FV101 CONTROL CIRCUIT	DD	JB5777	E-356	
39616					DD	1CPR	E-356	
39617					DD	1CPM	E-356	
39618					DD	1CPL	E-356-1, 356-6	
39619					DD	68008C	E-356-1, 356-6	
39631			1CFV101BG	FV101 CONTROL CIRCUIT	DD	1CPL	E-356	
39632					DD	1CP62A	E-356	
39691			1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	DD	1CP06A	E-356	
39692					DD	JT5721	E-356	
39693					DD	1CPM	E-356-2	
39694					DD	1CPR	E-356-2	
39695					DD	1CPL	E-356	
39696					DD	1CP62A	E-356-10	
39698A			1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	DD	1CP06A	E-356	
39698B					DD	JT5721	E-356	
39698C					DD	1CPM	E-356-2	
39698D					DD	1CPR	E-356-2	
39698E					DD	1CPL	E-356	
39698F					DD	1CP62A	E-356-10	
39665			2CFV101DH	FV101 CONTROL CIRCUIT	DD	2CPN	E-356	
39666					DD	2CEV	E-356	
39667					DD	2CP92A	E-423	
39652			2CFV101EG	FV101 CONTROL CIRCUIT	DD	57162A	E-356	
39653					DD	2CPN	E-356	
39654					DD	2CEV	E-356	
39655					DD	2CP92A	E-356	
39675			JT5721	FV101 TERMINAL BOX (CH 1)	DD		E-356	
39751		MS101-1	1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	DD	1CP06A	E-356	
39752					DD	JT5721	E-356	
39753					DD	1CPM	E-356-2	
39754					DD	1CPR	E-356-2	
39755					DD	1CPL	E-356	
39756					DD	1CP62A	E-356-10	
39760			1CRSCC13A	SV1011 CONTROL CIRCUIT (SFRCS)	DD	1CP06A	E-353	
39761					DD	JT5721	E-356	
39762					DD	1CPM	E-356	
39763					DD	1CPR	E-356-2	
39764					DD	1CPL	E-356-2	
39765					DD	1CP62A	E-356-10	
39713			1CV1011C	V1011/SV1011 CONTROL CIRCUIT	DD	1CJL	E-356-6	
39714					DD	1CPL	E-356-6	
39715					DD	JB5777	E-356-8	
39715A					DD	1CPL	E-356	
39715B					DD	1CPR	E-356	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
39715C	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	DD	1CPM	E-356	
39727			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	DD	1CJL	E-356-6	
39728					DD	1CPL	E-356	
39729					DD	1CP62A	E-353	
40817	MUPS	MU01A	2CBF1237F	MVMU01A CONTROL CIRCUIT	DD	2CP02C	E-356-8	
40818					DD	2CPN	E-356-7	
40819					DD	2CKM	E-356-7	
40836			2CBF1237K	MVMU01A CONTROL CIRCUIT	DD	2CP02C	E-356-8	
40837					DD	2CPN	E-356-7	
40838					DD	2CKM	E-356-7	
40917		MU01B	2CBF1238F	MVMU01B CONTROL CIRCUIT	DD	2CP02C	E-356-8	
40918					DD	2CPN	E-356-7	
40919					DD	2CKM	E-356-7	
40935			2CBF1238K	MVMU01B CONTROL CIRCUIT	DD	2CP02C	E-356-8	
40936					DD	2CPN	E-356-7	
40937					DD	2CKM	E-356-7	
41013		MU02A	1CBE1171F	MVMU02A CONTROL CIRCUIT	DD	1CP17A	E-356-8	
41014					DD	1CPM	E-356-6	
41015					DD	1CPT	E-356-6	
41016					DD	1CPL	E-356-6	
41017					DD	1CJL	E-356-6	
41023			1CBE1171G	MVMU02A CONTROL CIRCUIT	DD	1CP63C	E-424	
41024					DD	1CPL	E-356-6	
41025					DD	1CJM	E-356-6	
41111		MU02B	1CBE1172F	MVMU02B CONTROL CIRCUIT	DD	1CP02A	E-356-8	
41112					DD	1CPM	E-356-6	
41113					DD	1CPT	E-356-6	
41114					DD	1CPL	E-356-6	
41115					DD	1CJL	E-356-6	
41201		MU03	2CSF1744A	SVMU03 CONTROL CIRCUITS	DD	2CP17C	E-356-8	
41202					DD	2CPN	E-356-7	
41203					DD	2CED	E-356-7	
41221			2CVMU03C	SVMU03 CONTROL CIRCUIT	DD	2CP17C	E-356-1	
41222					DD	2CPN	E-356-1	
41223					DD	2CEV	E-356-1	
41234			2CVMU03E	SVMU03 CONTROL CIRCUIT	DD	2CP56D	E-356-10	
41235					DD	2CPN	E-356-7	
41236					DD	2CEV	E-356-7	
42107		MU04	ACBE2259C	MU4 CONTROL CIRCUIT	DD	ACJH	E-356	
42108					DD	ACPG	E-356	
42109					DD	ACPR	E-356	
42110					DD	ACP02B	E-356	
41309		MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	DD	ACJH	E-356	
41310					DD	ACPG	E-356	
41311					DD	ACPR	E-356	
41312					DD	ACP02B	E-356	
41409		MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	DD	ACJH	E-356	
41410					DD	ACPG	E-356	
41411					DD	ACPR	E-356	
41412					DD	ACP02B	E-356	
41510		MU11	ACBE2278C	MU11 CONTROL CIRCUIT	DD	ACJH	E-356	
41511					DD	ACPG	E-356	
41512					DD	ACPR	E-356	
41513					DD	ACP02B	E-356	
41532			ACBE2278I	MU11 CONTROL CIRCUIT	DD	ACJH	E-356	
41533					DD	ACPG	E-356	
41534					DD	ACPR	E-356	
41535					DD	ACP02B	E-356	
41546			ACBE2278J	MU11 CONTROL CIRCUIT	DD	ACDA	E-356	
41547					DD	ACPG	E-356	
41548					DD	ACEN	E-356	
41549					DD	ACP61B	E-356	
41558			ACBE2278L	MU11 CONTROL CIRCUIT	DD	ACJH	E-356	
41559					DD	ACPG	E-356	
41560					DD	ACP59C	E-356	
41600		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	DD	BCP59C	E-356-10	
41603					DD	BCPC	E-356-4	
41604					DD	BCFE	E-356-4	
41612			BCNNI264A	MU19 CONTROL CIRCUIT	DD	BCP59C	E-356-10	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
41613	MUPS	MU19	BCNNI264A	MU19 CONTROL CIRCUIT	DD	BCPC	E-356-4	
41615					DD	BCFE	E-356-4	
41620			BCY36218A	MU19 CONTROL CIRCUIT	DD	BCLB	E-356-4	
41625					DD	BCPC	E-356-4	
41626					DD	BCKQ	E-356-4	
41637					DD	BCGN	E-356-4	
41638					DD	BCKV	E-356-4	
41639					DD	BCPR	E-356-4	
41642			BLNNI261D	MU19 CONTROL CIRCUIT	DD	BLP59C	E-356-10	
41643					DD	BLPA	E-356-5	
41644					DD	BLDE	E-356-5	
41652			BLNNI264B	MU19 CONTROL CIRCUIT	DD	BLP59C	E-356-10	
41654					DD	BLPA	E-356-5	
41655					DD	BLFC	E-356-5	
41709		MU1903	ACBE2271C	MU1903 CONTROL CIRCUIT	DD	ACJH	E-356	
41710					DD	ACPG	E-356	
41711					DD	ACPR	E-356	
41712					DD	ACP02B	E-356	
41801		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	DD	BCP59C	E-356-10	
41802					DD	BCPC	E-356-4	
41803					DD	BCPR	E-356-4	
41804					DD	BCPE	E-356-4	
41827			BLCOP532A	MU32 INSTRUMENTATION CIRCUIT	DD	BLP52F	E-356-10	
41828					DD	BLPA	E-356-5	
41829					DD	BLJK	E-356-5	
41844			BLNNI264D	MU32 CONTROL CIRCUIT	DD	BLP59C	E-356-10	
41845					DD	BLPA	E-356-5	
41846					DD	BLDE	E-356-5	
41918		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	DD	2CP17C	E-356-8	
41919					DD	2CPN	E-356-7	
41920					DD	2CEV	E-356-7	
41929			2CVMU38D	SVMU38 CONTROL CIRCUIT	DD	2CP56D	E-424	
41930					DD	2CPN	E-356-7	
41931					DD	2CEV	E-356-7	
41947			2CVMU38E	SVMU38 CONTROL CIRCUIT	DD	2CEV	E-356	
41948					DD	2CPN	E-356	
41949					DD	2CP56D	E-424	
42005		MU3971	2CBF1617A	MV3971 CONTROL CIRCUIT	DD	2CKL	E-356-7	
42006					DD	2CPN	E-356-1B,356-7	
42019			2CBF1617B	MV3971 CONTROL CIRCUIT	DD	2CKL	E-356-7	
42020					DD	2CPR	E-356-7	
42021					DD	2CKN	E-356-7	
42022					DD	2CED	E-356-7	
42023					DD	2CEG	E-356-7	
42058			ACHILOWAA	MV3971 CONTROL CIRCUIT	DD	ACLC	E-356	
42064			ACHILOWAB	MV3971 CONTROL CIRCUIT	DD	ACP60D	E-356	
42067			ACHILOWAC	MV3971 CONTROL CIRCUIT	DD	ACP60D	E-353	
42052			BCHILOW2A	MV3971 CONTROL CIRCUIT	DD	BCKQ	E-356-4	
42053					DD	BCPC	E-356-4	
42054					DD	BCFE	E-356-4	
42076			JT5722	MV3971 JUNCTION BOX (CH 2)	DD		E-356	
42214		MU59A	1CBE1174F	MU59A CONTROL CIRCUIT	DD	1CJL	E-356	
42215					DD	1CPL	E-356	
42216					DD	1CPT	E-356	
42217					DD	1CPM	E-356	
42218					DD	1CP17A	E-356-8	
42224			1CBE1174G	MU59A CONTROL CIRCUIT	DD	1CJL	E-356	
42225					DD	1CPL	E-356	
42226					DD	1CP63D	E-424	
42314		MU59B	1CBE1175F	MU59B CONTROL CIRCUIT	DD	1CJL	E-356	
42315					DD	1CPL	E-356	
42316					DD	1CPT	E-356	
42317					DD	1CPM	E-356	
42318					DD	1CP17A	E-356	
42324			1CBE1175G	MU59B CONTROL CIRCUIT	DD	1CJM	E-356	
42325					DD	1CPL	E-356	
42326					DD	1CP63D	E-424	
42414		MU59C	1CBE1177F	MU59C CONTROL CIRCUIT	DD	1CJL	E-356	
42415					DD	1CPL	E-356	
42416					DD	1CPT	E-356	
42417					DD	1CPM	E-356	
42418					DD	1CP17A	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42424	MUPS	MU59C	1CBE1177G	MU59C CONTROL CIRCUIT	DD	1CJM	E-356	
42425					DD	1CPL	E-356	
42426					DD	1CP63D	E-424	
42514		MU59D	1CBE1178F	MU59D CONTROL CIRCUIT	DD	1CJL	E-356	
42515					DD	1CPL	E-356	
42516					DD	1CPT	E-356	
42517					DD	1CPM	E-356	
42518					DD	1CP17A	E-356	
42524			1CBE1178G	MU59D CONTROL CIRCUIT	DD	1CJM	E-356	
42525					DD	1CPL	E-356	
42526					DD	1CP63D	E-424	
42606		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	DD	1CDB	E-356-6	
42607					DD	1CPL	E-356-6	
42608					DD	1CPT	E-356-6	
42609					DD	1CPM	E-356-1B,356-6	
42615			1CBE1127C	MV6405 CONTROL CIRCUIT	DD	1CDB	E-356-6	
42616					DD	1CPL	E-356-6	
42617					DD	1CLA	E-356-6	
42637			ACHILOWAA	MV6405 CONTROL CIRCUIT	DD	ACLC	E-356-2	
42641			ACHILOWAB	MV6405 CONTROL CIRCUIT	DD	ACPG	E-353-10	
42643					DD	ACP60D	E-356-10	
42645			ACHILOWAC	MV6405 CONTROL CIRCUIT	DD	ACPG	E-356-10	
42646					DD	ACP60D	E-356-10	
42658			JT5721	MV6405 JUNCTION BOX (CH 1)	DD		E-356	
42703		MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	DD	2CPN	E-335	
42704					DD	2CED	E-356	
42705					DD	2CEG	E-356	
42726			2CV6406D	SVMU6406 CONTROL CIRCUIT	DD	2CEG	E-356	
42727					DD	2CED	E-356	
42728					DD	2CKN	E-356	
42729					DD	2CPR	E-356	
42730					DD	2CKL	E-356	
42738			JT5722	SVMU6406 JUNCTION BOX (CH 2)	DD		E-356	
42807		MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	DD	1CDB	E-356	
42808					DD	1CPL	E-356	
42809					DD	1CPT	E-356	
42810					DD	1CPM	E-356	
42811					DD	1CP	E-356	
42818			1CV6407D	SVMU6407 CONTROL CIRCUIT	DD	1CDB	E-356	
42819					DD	1CPL	E-356	
42820					DD	1CLA	E-356	
42827			JT5721	SVMU6407 JUNCTION BOX (CH 1)	DD		E-356	
42903		MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	DD	2CKM	E-356	
42904					DD	2CPN	E-350	
42912			2CBF1208C	MV6408 CONTROL CIRCUIT	DD	2CKM	E-356	
42913					DD	2CPR	E-356	
42914					DD	2CKN	E-356	
42915					DD	2CED	E-356	
42916					DD	2CEG	E-356	
42947			JT5722	MV6408 JUNCTION BOX (CH 2)	DD		E-346	
43005		MU6409	1CBE1147A	MV6409 CONTROL CIRCUIT	DD	1CDB	E-356	
43007					DD	1CPL	E-356	
43008					DD	1CPT	E-356	
43009					DD	1CPM	E-356	
43027			JT5721	MU6409 JUNCTION BOX (CH 1)	DD		E-356-1	
43104		MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	DD	1CJL	E-356	
43105					DD	1CPL	E356	
43106					DD	1CPT	E-356-6	
43107					DD	1CPM	E-356-6	
43132			JT5721	MV6419 JUNCTION BOX (CH 1)	DD		E-356	
43205		MU6420	2CBF1616A	MU6420 CONTROL CIRCUIT	DD	2CKL	E-346	
43206					DD	2CPN	E-356	
43216			2CBF1616C	MU6420 CONTROL CIRCUIT	DD	2CKL	E-346, 347	
43217					DD	2CPR	E-356	
43218					DD	2CKN	E-356	
43219					DD	2CED	E-356	
43220					DD	2CEG	E-356	
43252			JT5722	MV6420 JUNCTION BOX (CH 2)	DD		E-356-1	
43306		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	DD	1CDB	E-356	
43307					DD	1CPL	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
43308	MUPS	MU6421	1CBEL194A	MV6421 CONTROL CIRCUIT	DD	1CPT	E-356	
43309					DD	1CPM	E-356	
43310					DD	1CP17B	E-356	
43320B			1CBEL194H	MV6421 CONTROL CIRCUIT	DD	1CP17B	E-356-8	3 A
43320C					DD	1CPM	E-356-6	3 A
43320D					DD	57092A	E-356-8	3 A
43402		MU6422	2CBF1108A	MV6422 CONTROL CIRCUIT	DD	2CLA	E-356	
43403					DD	2CPP	E-356	
43404					DD	2CPN	E-356	
43405					DD	2CP17C	E-356	
43414			2CBF1108F	MV6422 CONTROL CIRCUIT	DD	2CKN	E-356	
43415					DD	2CED	E-356	
43416					DD	2CEG	E-356	
43420B			2CBF1108H	MV6422 CONTROL CIRCUIT	DD	2CP17C	E-356-8	3 A
43420C					DD	2CPN	E-356-7	3 A
43420D					DD	5705C1	E-356-8	3 A
43536		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	DD	2CEG	E-356	
43538					DD	2CED	E-356	
43539					DD	2CPN	E-356	
43540					DD	2CP18A	E-356	
43507			2CVMU66AB	SVMU66A CONTROL CIRCUIT	DD	2CPN	E-356-7	
43508					DD	2CP56D	E-424	
43511					DD	2CEV	E-356-7	
43513			2CVMU66AD	SVMU66A CONTROL CIRCUIT	DD	2CP18A	E-356-8	
43522					DD	2CEV	E-356-7	
43523					DD	2CPN	E-356-7	
43635		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	DD	1CJM	E-356	
43636					DD	1CPL	E-356	
43637					DD	1CP17B	E-356	
43605			1CVMU66BB	VMU66B CONTROL CIRCUIT	DD	1CP63C	E-424	
43609					DD	1CJM	E-356-6	
43610					DD	1CPL	E-356-6	
43616			1CVMU66BD	VMU66B CONTROL CIRCUIT	DD	1CPM	E-356-6	
43617					DD	1CPT	E-356-6	
43619					DD	1CJM	E-356-6	
43621					DD	1CP17A	E-356-8	
43624					DD	1CPL	E-356-6	
43735		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	DD	1CJM	E-356	
43736					DD	1CPL	E-356	
43737					DD	1CP17B	E-356	
43701			1CVMU66CB	VMU66C CONTROL CIRCUIT	DD	1CPL	E-356-6	
43702					DD	1CJM	E-356-6	
43711					DD	1CP63C	E-424	
43713			1CVMU66CD	VMU66C CONTROL CIRCUIT	DD	1CP17A	E-356-8	
43714					DD	1CPM	E-356-6	
43715					DD	1CPT	E-356-6	
43716					DD	1CPL	E-356-6	
43724					DD	1CJM	E-356-6	
43836		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	DD	2CEG	E-356	
43838					DD	2CED	E-356	
43839					DD	2CPN	E-356	
43840					DD	2CP18A	E-356	
43808			2CVMU66DB	SVMU66D CONTROL CIRCUIT	DD	2CEV	E-356-7	
43809					DD	2CPN	E-356-7	
43810					DD	2CP56C	E-424	
43817			2CVMU66DD	SVMU66D CONTROL CIRCUIT	DD	2CPN	E-356-7	
43821					DD	2CEV	E-356-7	
43823					DD	2CP18A	E-356-8	
43901		P-371B	ACBE1191B	MP0371B CONTROL CIRCUIT	DD	ACP02B	E-356-8	
43902					DD	ACPR	E-356-2	
43903					DD	ACPG	E-356-2	
43904					DD	ACEN	E-356-2	
44006		P-371C	ACD117B	MP0371C CONTROL CIRCUIT	DD	ACDA	E-356-2	3 D
44007					DD	ACPJ	E-356-2	3 D
44008					DD	ACPR	E-356-2	3 D
44009					DD	ACPK	E-356-2	3 D
44010					DD	ACKC	E-356-2	3 D
44015			ACD117C	MP0371C CONTROL CIRCUIT	DD	ACP02B	E-356-8	3 D
44016					DD	ACPG	E-356-2	3 D
44017					DD	ACPR	E-356-2	3 D
44018					DD	ACPK	E-356-2	3 D
44019					DD	ACKC	E-356-2	3 D

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44032	MUPS	P-371C	ACD117D	MP0371C CONTROL CIRCUIT	DD	ACDA	E-356-2	3 D
44033					DD	ACPJ	E-356-2	3 D
44034					DD	ACPR	E-356-2	3 D
44035					DD	ACPK	E-356-2	3 D
44036					DD	ACKC	E-356-2	3 D
44039H			ACD117H	MP0371C CONTROL CIRCUIT	DD	46059B*	E-347, 355	3 A
44039I					DD	46059A	E-356-1	3 A
44039J					DD	1CPL	E-356-1, 356-6	3 A
44039K					DD	1CDB	E-356-1, 356-6	3 A
44061H			ACD117I	MP0371C CONTROL CIRCUIT	DD	46059B*	E-347, 355	3 A
44061I					DD	46059A	E-356-1	3 A
44061J					DD	1CPL	E-356-1	3 A
44061K					DD	1CPR	E-356-1, 356-6	3 A
44061L					DD	1CPM	E-356-1, 356-6	3 A
44061M					DD	57092A	E-356-8	3 A
44061V			ACD117J	MP0371C CONTROL CIRCUIT	DD	46059B*	E-347, 355	3 A
44061W					DD	46059A	E-347, 355	3 A
44061X					DD	1CPL	E-356-1	3 A
44061Y					DD	1CPM	E-356-1, 356-6	3 A
44076Q			ACD117K	MP0371C CONTROL CIRCUIT	DD	27115B*	E-356-1	3 A
44076R					DD	27115C	E-356-1	3 A
44076S					DD	1CPL	E-356-1	3 A
44076T					DD	1CJM	E-356-1, 356-6	3 A
44104		P-371D	ACBE1192C	MP0371D CONTROL CIRCUIT	DD	ACP02B	E-356-8	
44105					DD	ACPG	E-356-2	
44106					DD	ACPR	E-356-2	
44107					DD	ACEN	E-356-2	
44201		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	DD	BCP02D	E-356-8	
44202					DD	BCPC	E-356-4	
44203					DD	BCPR	E-356-4	
44204					DD	BCPE	E-356-4	
44205					DD	BCEQ	E-356-4	
44220			BCBF1167C	MP0372B CONTROL CIRCUIT	DD	BCLB	E-356-4	
44221					DD	BCPE	E-356-4	
44222					DD	BCEQ	E-356-4	
44306		P-372C	BCD217B	MP0372C CONTROL CIRCUIT	DD	BCEQ	E-356-4	
44307					DD	BCPE	E-356-4	
44308					DD	BCKR	E-356-4	
44309					DD	BCPR	E-356-4	
44310					DD	BCKP	E-356-4	
44315			BCD217C	MP0372C CONTROL CIRCUIT	DD	BCP02D	E-356-8	
44316					DD	BCPC	E-356-4	
44317					DD	BCPD	E-356-4	
44318					DD	BCKP	E-356-4	
44330			BCD217D	MP0372C CONTROL CIRCUIT	DD	BCLB	E-356-4	
44331					DD	BCPC	E-356-4	
44332					DD	BCKQ	E-356-4	
44333					DD	BCPR	E-356-4	
44334					DD	BCKP	E-356-4	
44354			BCD217F	MP0372C CONTROL CIRCUIT	DD	BCFE	E-356-4	
44355					DD	BCPC	E-356-4	
44356					DD	BCPR	E-356-4	
44357					DD	BCPE	E-356-4	
44358					DD	BCEQ	E-356-4	
44373			BCD217G	MP0372C CONTROL CIRCUIT	DD	BCLB	E-356-4	
44374					DD	BCPC	E-356-4	
44375					DD	BCKQ	E-356-4	
44376					DD	BCPR	E-356-4	
44377					DD	BCKV	E-356-4	
44378					DD	BCGN	E-356-4	
44405		P-372D	BCBF1168C	MP372D CONTROL CIRCUIT	DD	BCP02D	E-356-8	
44406					DD	BCPC	E-356-4	
44407					DD	BCPR	E-356-4	
44408					DD	BCPE	E-356-4	
44409					DD	BCEQ	E-356-4	
44423			BCBF1168D	MP372D CONTROL CIRCUIT	DD	BCLB	E-356-4	
44424					DD	BCPE	E-356-4	
44425					DD	BCEQ	E-356-4	
44439			BCBF1168E	MP372D CONTROL CIRCUIT	DD	BCLB	E-356-4	
44440					DD	BCPE	E-356-4	
44441					DD	BCEQ	E-356-4	
44453			BCBF1168F	MP372D CONTROL CIRCUIT	DD	BCEQ	E-356-4	
44454					DD	BCPE	E-356-4	
44455					DD	BCPR	E-356-4	
44456					DD	BCPC	E-356-4	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
44457	MUPS	P-372D	BCBF1168F	MP372D CONTROL CIRCUIT	DD	BCFE	E-356-4	
44472			BCBF1168G	MP372D CONTROL CIRCUIT	DD	BCLB	E-356-4	
44473					DD	BCPC	E-356-4	
44474					DD	BCKQ	E-356-4	
44475					DD	BCPR	E-356-4	
44476					DD	BCKP	E-356-4	
44480			BCBF1168I	MP372D CONTROL CIRCUIT	DD	BCKQ	E-356-4	
44489					DD	BCLB	E-356-4	
44490					DD	BCPC	E-356-4	
44491					DD	BCPR	E-356-4	
44492					DD	BCGN	E-356-4	
44609		P37-1	ACAC105B	MP0371A CONTROL CIRCUIT	DD	ACP02B	E-356-8	3 D
44610					DD	ACPG	E-356-2	3 D
44611					DD	ACPJ	E-356-2	3 D
44612					DD	ACGF	E-356-2	3 D
44617			ACAC105C	MP0371A CONTROL CIRCUIT	DD	ACP02B	E-356-8	3 D
44618					DD	ACPG	E-356-2	3 D
44619					DD	ACPJ	E-356-2	3 D
44620					DD	ACGF	E-356-2	3 D
44615Q			ACAC105L	MP0371A CONTROL CIRCUIT	DD	1CJM	E-356-6	3 A
44615R					DD	1CPL	E-356-6	3 A
44615S					DD	1CPR	E-356-6	3 A
44615T					DD	1CPM	E-356-6	3 A
44615U					DD	57092A	E-356-4	3 A
44623Q			ACAC105M	MP0371A CONTROL CIRCUIT	DD	1CJM	E-356-4	3 A
44623R					DD	1CPL	E-356-4	3 A
44623S					DD	1CPR	E-356-4	3 A
44623T					DD	1CPM	E-356-4	3 A
44623U					DD	57092A	E-356	3 A
44709		P37-2	BCAD105B	MP0372A CONTROL CIRCUIT	DD	BCP02D	E-356-8	
44710					DD	BCPC	E-356-4	
44711					DD	BCPD	E-356-4	
44712					DD	BCPR	E-356-4	
44713					DD	BCPF	E-356-4	
44714					DD	BCGN	E-356-4	
44722			BCAD105C	MP0372A CONTROL CIRCUIT	DD	BCP02D	E-356-8	
44723					DD	BCPC	E-356-4	
44724					DD	BCPD	E-356-4	
44725					DD	BCPR	E-356-4	
44726					DD	BCPF	E-356-4	
44727					DD	BCGN	E-356-4	
44763			BCAD105G	MP0372A CONTROL CIRCUIT	DD	BCFE	E-356-4	
44764					DD	BCPC	E-356-4	
44765					DD	BCPE	E-356-4	
44766					DD	BCPR	E-356-4	
44767					DD	BCPF	E-356-4	
44768					DD	BCGN	E-356-4	
44783			BCAD105H	MP0372A CONTROL CIRCUIT	DD	BCLB	E-356-4	
44784					DD	BCPC	E-356-4	
44785					DD	BCKQ	E-356-4	
44786					DD	BCPR	E-356-4	
44787					DD	BCKV	E-356-4	
44788					DD	BCGN	E-356-4	
44804			BCAD105K	MP0372A CONTROL CIRCUIT	DD	BCJD	E-356-4	
44805					DD	BCKR	E-356-4	
44915		WC1453	ACV1453D	WC1453 CONTROL CIRCUIT	DD	ACEN	E-356	
44916					DD	37720A	E-356	
44917					DD	ACGH	E-356	
44925			ACV1453F	WC1453 CONTROL CIRCUIT	DD	ACEN	E-356	
44926					DD	37720A	E-356	
44927					DD	ACGH	E-356	
44935			ACV1453G	WC1453 CONTROL CIRCUIT	DD	ACEN	E-356	
44936					DD	ACPG	E-356	
44937					DD	ACPR	E-356	
44938					DD	ACP20A	E-356	
45167		WC1743	ACV1743G	WC1743 CONTROL CIRCUIT	DD	ACDA	E-356-2	
45168					DD	ACPJ	E-356-2	
45169					DD	ACPG	E-356-2	
45170					DD	ACP20A	E-356-9	
45036		WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	DD	BCEQ	E-356	
45037					DD	BCPR	E-356	
45038					DD	BCPC	E-356	
45039					DD	BCP20B	E-356	
45106		WC3560	ACV3560C	WC3560 CONTROL CIRCUIT	DD	ACEN	E-356	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45107	MUPS	WC3560	ACV3560C	WC3560 CONTROL CIRCUIT	DD	ACPG	E-356	
45108					DD	ACPR	E-356	
45109					DD	ACP20A	E-356	
45116			ACV3560D	WC3560 CONTROL CIRCUIT	DD	ACEN	E-356	
45118					DD	ACGH	E-356	
45218	NI	NI-5874A	1LNF5874G	NE5874, NI5874A INDICATING CIRCUIT	DD	48408B	E-356	
45219					DD	1LP63A	E-356	
45422		NI-5875A	2LNF5875G	NE5875, NI5875A INDICATING CIRCUIT	DD	2LP55G	E-356	
45425					DD	47554D	E-356	
45601		NI-NI1	2LRPSA03A	NE, NT, NI-NI1 INDICATING CIRCUIT	DD	47550A	E-356-1	
45604			2LRPSA03B	NE, NT, NI-NI1 INDICATING CIRCUIT	DD	47550A	E-356-1	
45607			2LRPSA03C	NE, NT, NI-NI1 INDICATING CIRCUIT	DD	47550A	E-356-1	
45615B			BLNI2201	NE, NT, NI-NI1 INDICATING CIRCUIT	DD	BLP	E-356-1	
45615C					DD	BLPA	E-356-1	
45615D					DD	BLP	E-356-1	
45704		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	DD	38600A	E-356-1	
45710			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	DD	38600A	E-356-1	
45716			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	DD	38600A	E-356-1	
45730B			ALNI1201	NE, NT, NI-NI2 INDICATING CIRCUIT	DD	ALP	E-356-1	
45730C					DD	ALPB	E-356-1	
45730D					DD	ALP	E-356-1	
44799M	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	DD	37162A	E-356-1	1 A
44799N					DD	C5755B	E-356-1	1 A
44799W			2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	DD	5755G9	E-356-1	
44799T					DD	2LP55J	E-356-1	1 A
44799U					DD	5755G8	E-356-1	1 A
44799V					DD	JT5722	E-356-1	1 A
44799W					DD	57093A	E-356-1	1 A
44796M		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	DD	37162A	E-356-1	1 A
44796U					DD	5755G7	E-356-1	1 A
44796T			2LLMU34B	FT, FI-MU34 INDICATING CIRCUIT	DD	2LP55G	E-356-1	1 A
44796V					DD	JT5722	E-356-1	1 A
44796W					DD	57093A	E-356-1	1 A
44798N					DD	5755G9	E-356-1	
45752		FI6425	1LL6425B	FT, FI6425 INDICATING CIRCUIT	DD	5763A8	E-356	
45754					DD	JB5784	E-356	
45755					DD	57958A	E-356	
45761			JT5721	FT, FI6425 JUNCTION BOX (CH A)	DD		E-356	
45783		FI6435	1LL6435B	FT, FI6435 INDICATING CIRCUIT	DD	5763A8	E-356	
45784					DD	JB5784	E-356	
45785					DD	57958A	E-356	
45789			JT5721	FT, FI6435 JUNCTION BOX (CH B)	DD		E-356	
45806		FYI-HP03A	2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	DD	2CP16C	E-356-1, 356-8	
45807					DD	36270A	E-356-1, 356-8	
46007		FYI-HP03B	2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	DD	2CP16C	E-356-1, 356-8	
46008					DD	36270A	E-356-1, 356-8	
46212		FYI-HP03C	1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	DD	1CP16A	E-356-1, 356-8	
46213					DD	37031A	E-356-1, 356-8	
46411		FYI-HP03D	1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	DD	37031A	E-356-1, 356-8	
46412					DD	1CP16A	E-356-1, 356-8	
46801		LI-RC14-3	1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	DD	JB5702	E-356-1	
46802					DD	37726D	E-356-1	
46802A					DD	37726C	E-356-1	
46803					DD	37726A	E-356-1	
46901		LI-RC14-4	2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	DD	36591G	E-356-1	
46902					DD	36591E	E-356-1	
46903					DD	36591C	E-356-1	
47001		LI-SP09A1	2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	DD	36591F	E-356-1	
47002					DD	36591E	E-356-1	
47003					DD	36591C	E-356-1	
47202		LI-SP09A8	2LSGLT21A	LT, LI-SP09A8 INDICATING CIRCUIT	DD	2LP92A	E-356-1	
47902		LI-SP09A8A	2LSGLT21A	LTSP09A8, LISPO9A8A INDICATING CIRCUIT	DD	57961A	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
47904	NNI	LI-SP09A8A	2LSGLT21A	LTSP09A8, LISP09A8A INDICATING CIRCUIT	DD	2LP92A	E-356-1			
47910			2LSGLT21E	LTSP09A8, LISP09A8A INDICATING CIRCUIT	DD	2LP92A	E-353			
47912						DD	57802A	E-356-1		
47920			JTS722	LTSP09AB, LTSP09ABA TERMINAL BOX (CH. 2)	DD		E-356			
47302		LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DD	5739A3	E-356-1			
47303					DD	5755C2	E-356-1			
47304					DD	2LP55C	E-356-1			
47305					DD	47551B	E-356-1			
47306					DD	47551A	E-356-1			
47401		LI-SP09B1	1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	DD	JB5712	E-356-1			
47402					DD	37726E	E-356-1			
47403					DD	37726C	E-356-1			
47404					DD	37726A	E-356-1			
47602		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	DD	5761A1	E-356-1			
47603					DD	5762C2	E-356-1			
47604					DD	1LP62C	E-356-1			
47605					DD	38601B	E-356-1			
47606					DD	38601A	E-356-1			
47704		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISP09B8A INDICATING CIRCUIT	DD	38601A	E-356			
47705					DD	38601B	E-356			
47706					DD	5762C2	E-356			
47708					DD	1LP62C	E-356			
47709					DD	5761A1	E-356			
47710					DD	1LP61A	E-356			
47716					1LSGLT11E	LTSP09B8, LISP09B8A INDICATING CIRCUIT	DD	57803A	E-353	
47725					JTS721	LTSP09B8, LISP09B8A TERMINAL BOX (CH. 1)	DD		E-356	
47803	LI-SP09B9	1LSGLT31B	LT, LI-SP09B9 INDICATING CIRCUIT	DD	5738A3	E-356-1				
48001	LRS-RC14		BLNNI111	LRS-RC14 INDICATING CIRCUIT	DD	BLP59B	E-356-10			
48002					DD	BLPA	E-356-5			
48003					DD	BLP02D	E-356-5			
48007					BLNNI153D	LRS-RC14 INDICATING CIRCUIT	DD	BLP59B	E-356-10	
48008					DD	BLPA	E-356-5			
48009	DD	BLKU	E-356-5							
48118	PI-6365A		2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	DD	47554D	E-356			
48119					DD	2LP55G	E-356			
48121					2LP6365AE	PT6365A, PI6365A INDICATING CIRCUIT	DD	5755G6	E-356	
48122					DD	2LP55G	E-356			
48339	PI-6365B		1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	DD	48408B	E-348			
48342			1LP6365BE	PT6365B, PI6365B INDICATING CIRCUIT	DD	5763A6	E-356			
48343			DD	1LP63A	E-356					
48503	PI-RC2A3		4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	DD	37507A	E-356-1			
48511			BLSF1653A	PT, PI-RC2A3 INDICATING CIRCUIT	DD	BLP56D	E-356-10			
48512			DD	BLPA	E-356-5					
48513			DD	BLP16B	E-356-8					
48602	PI-RC2A4		2LSF1652A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	DD	57100C	E-356-1			
48603			DD	57100A	E-356-1					
48606			2LSFPT21A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	DD	47551A	E-356-1			
48607	DD	47551B	E-356-1							
48702	PI-RC2B3		3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DD	48108A	E-356-1			
48710			ALSF1603A	PT, PI-RC2B3 INDICATING CIRCUIT	DD	ALP63D	E-423			
48711			DD	ALPB	E-356-3					
48712			DD	ALP16B	E-356-8					
48802	PI-RC2B4		1LSF1602A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	DD	57101A	E-356-1			
48803			DD	1LP62C	E-356-1					
48808			1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	DD	38601A	E-356-1			
48809			DD	38601B	E-356-1					
48901	PI-SP12A		2LSF12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	DD	36591F	E-356-1			
48902			DD	36591E	E-356-1					
48903			DD	36591C	E-356-1					
49105	PI-SP12A1-A		ALNNI852G	PTSP12A1, PISP12A1A INDICATING CIRCUIT	DD	ALDC	E-356, 349			
49107			DD	ALPB	E-356					
49108			DD	ALP60D	E-356, 353					
49111			ALSP12A1A	PTSP12A1, PISP12A1A INDICATING CIRCUIT	DD	ALP60D	E-356			
49112			DD	ALPB	E-356-10					
49113			DD	57804A	E-356-10					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49118	NNI	PI-SP12A1-A	JTS721	PTSP12A1, PISP12A1A TERMINAL BOX (CH. A)	DD		E-356	
49201		PI-SP12B	1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	DD	5711A1	E-356-8	
49202					DD	JB5712	E-356-1, 356-8	
49203					DD	37726E	E-356-1	
49204					DD	37726C	E-356-1	
49205					DD	37726A	E-356-1	
49407		PI-SP12B2	BLNNI109B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	DD	BLFC	E-356-5, 347	
49408					DD	BLPA	E-356-5	
49409					DD	BLP59B	E-356-10	
49412			BLSP12B2A	PTSP12B2, PISP12B2 INDICATING CIRCUIT	DD	BLP59C	E-356-10	
49414					DD	BLPA	E-356-5	
49415					DD	57026A	E-356-5	
49421			JTS722	PTSP12B2, PISP12B2 TERMINAL BOX (CH. B)	DD		E-356	
49601		TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	DD	5755E2	E-356-1	
49602					DD	47551B	E-356-1	
49603					DD	47551A	E-356-1	
49606			2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	DD	36591J	E-356-1	
49607					DD	36591H	E-356-1	
49608					DD	36591C	E-356-1	
49703		TI-RC3A5	1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT	DD	48408B	E-356-1	
49704					DD	1LP63A	E-356-1	
49712			1LTRC3A5C	TE, TT, TI-RC3A5 INDICATING CIRCUIT	DD	5763A6	E-356-1	
49713					DD	1LP63A	E-356-1	
49806		TI-RC3A6	2LTRC3A6B	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DD	47554E	E-356-1, 424	
49807					DD	2LP55G	E-356-1, 424	
49810			2LTRC3A6C	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DD	5755G6	E-356-1, 424	
49811					DD	2LP55G	E-356-1, 424	
49901		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	DD	38601A	E-356-1	
49907			1LRPSB07B	TE, TT, TI-RC3B2 INDICATING CIRCUIT	DD	37726F	E-356-1	
49908					DD	37726B	E-356-1	
49909					DD	37726A	E-356-1	
50006		TI-RC3B5	1LTRC3B5B	TE, TT, TI-RC3B5 INDICATING CIRCUIT	DD	48408B	E-356-1, 424	
50007					DD	1LP63A	E-356-1, 424	
50014			1LTRC3B5C	TE, TT, TI-RC3B5 INDICATING CIRCUIT	DD	5763A6	E-424	
50015					DD	1LP63A	E-424	
50103		TI-RC3B6	2LTRC3B6B	TE, TT, TI-RC3B6 INDICATING CIRCUIT	DD	47554E	E-356-1, 424	
50104					DD	2LP55G	E-356-1, 424	
50107			2LTRC3B6C	TE, TT, TI-RC3B6 INDICATING CIRCUIT	DD	5755G6	E-356-1, 424	
50108					DD	2LP55G	E-356-1, 424	
50201		TI-RC4A2	BLNNI154B	TE, TT, TI-RC4A2 INDICATING CIRCUIT	DD	BLPA	E-356-5	
50202					DD	BLJK	E-356-5	
50301		TI-RC4A4	ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	DD	ALPB	E-356-3	
50302					DD	ALDC	E-356-3	
50401		TI-RC4B2	BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	DD	BLPA	E-356-1, 5	
50402					DD	BLFC	E-356-1, 5	
50501		TI-RC4B4	ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	DD	ALPB	E-356-1, 3	
50502					DD	ALLA	E-356-1	
50632	RCS	RC11	1CBE1602K	MVRC11 CONTROL CIRCUIT	DD	1CP02A	E-356-8	
50633					DD	1CPL	E-356-6	
50634					DD	1CLA	E-356-6	
50700B		RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	DD	2CP98A	E-356-1	12 A
50700C					DD	2CPN	E-356-7	12 A
50700D					DD	2CKM	E-356-7	12 A
50700E					DD	46527A	E-356-7	12 A
50809		RC239A	2CBF1126F	MV0239A CONTROL CIRCUIT	DD	2CP02C	E-356-8	
50810					DD	2CPN	E-356-7	
50811					DD	2CPP	E-356-7	
50812					DD	2CLA	E-356-7	
50816			2CBF1126G	MV0239A CONTROL CIRCUIT	DD	2CP98A	E-356	
50817					DD	2CPN	E-356	
50818					DD	2CP02C	E-356	
50826			2CBF1126H	MV0239A CONTROL CIRCUIT	DD	2CEV	E-356-7	
50827					DD	2CPN	E-356-7	
50828					DD	2CKM	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50909	RCS	RC239B	2CBF1127F	MV0239B CONTROL CIRCUIT	DD	2CP02C	E-356-8	
50910					DD	2CPN	E-356-7	
50911					DD	2CPP	E-356-7	
50912					DD	2CLA	E-356-7	
50921			2CBF1127G	MV0239B CONTROL CIRCUIT	DD	2CEV	E-356-7	
50922					DD	2CPN	E-356-7	
50923					DD	2CKM	E-356-7	
51056H		RC2A	2CVRC2L	SVRC2A (PORV) INDICATING CIRCUIT	DD	2CLA	E-356-7	2 A
51056I					DD	2CPR	E-356-7	2 A
51056J					DD	2CKM	E-356-7	2 A
51056K					DD	2CPN	E-356-7	2 A
51056L					DD	5705C1	E-356-7	2 A
51057B			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	DD	5705C1	E-356-8	2 A
51057C					DD	2CPN	E-356-7	2 A
51057D					DD	2CKM	E-356-7	2 A
51046			BCVRC2H	SVRC2 CONTROL CIRCUIT	DD	BCP59B	E-356-10	
51047					DD	BCPC	E-356-4	
51048					DD	BCP02D	E-356-8	
51057K			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	DD	BCKQ	E-356-4	2 A
51057L					DD	BCPC	E-356-4	2 A
51057M					DD	BCP59B	E-356-10	2 A
51110		RC4608A	1CV4608AC	SV4608A CONTROL CIRCUIT	DD	1CJM	E-356-6	
51111					DD	1CPL	E-356-6	
51112					DD	1CPR	E-356-6	
51113					DD	1CPM	E-356-6	
51114					DD	1CP99A	E-356-1	
51120			1CV4608AD	SV4608A CONTROL CIRCUIT	DD	1CJM	E-356-6	
51121					DD	1CPL	E-356-6	
51122					DD	1CPR	E-356-6	
51123					DD	1CPM	E-356-6	
51124					DD	1CP99A	E-356-1	
51213		RC4608B	1CV4608BC	SV4608B CONTROL CIRCUIT	DD	1CJM	E-356-6	
51214					DD	1CPL	E-356-6	
51215					DD	1CPR	E-356-6	
51216					DD	1CPM	E-356-6	
51217					DD	1CP99A	E-356-1	
51304		RC4610A	2CV4610AC	SV4610A CONTROL CIRCUIT	DD	2CKN	E-356-7	
51305					DD	2CPN	E-356-7	
51306					DD	2CP98A	E-356-1	
51311			2CV4610AD	SV4610A CONTROL CIRCUIT	DD	2CKL	E-356-7	
51312					DD	2CPN	E-356-7	
51313					DD	2CP98A	E-356-1	
51404		RC4610B	2CV4610BC	SV4610B CONTROL CIRCUIT	DD	2CKN	E-356-7	
51405					DD	2CPN	E-356-7	
51406					DD	2CP98A	E-356-1	
51507		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	DD	2CEV	E-356-7	
51508					DD	2CPN	E-356-7	
51509					DD	2CKM	E-356-7	
51518			2CV4632D	SV4632 CONTROL CIRCUIT	DD	5705C1	E-356-7, 356-8	
51519					DD	2CPN	E-356-7, 356-8	
51531			2CV4632F	SV4632 CONTROL CIRCUIT	DD	5705C1	E-356-7, 356-8	
51532					DD	2CPN	E-356-7, 356-8	
51533					DD	2CKM	E-356-7	
53500	SFAS	C5755D	2CY207A	120VAC CONTROL POWER	DD	2CP55D	E-424	
53501					DD	2CPN	E-356-7	
53502					DD	2CKL	E-356-7	
53600		C5762D	1CY107A	120V AC CONTROL POWER	DD	1CPL	E-356-6	
53603					DD	46053A	E-356-1	
53604					DD	1CP62D	E-356-10	
53605					DD	46053B*	E-343, 344, 355	
53702		C5763D	3CY307A	120V AC CONTROL POWER	DD	46019E	E-356-1	
53703					DD	46019G	E-356-1	
53704					DD	46019C	E-356-1	
53705E					DD	46091B*	E-343, 344, 355	
53803		C5765D	4CY407A	120VAC CONTROL POWER	DD	46865G	E-356-1	
53804					DD	46865E	E-356-1	
53805					DD	46865C	E-356-1	
51611		HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	DD	1CPL	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
51613	SFAS	HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	DD	1CP17A	E-356-1		
51614					DD	1CJL	E-356-1		
51603				1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	DD	1CJL	E-356-1	
51604						DD	1CP63C	E-356-1	
51605						DD	1CPL	E-356-1	
51700	HIS6454	HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	DD	2CEA	E-356-1		
51701					DD	2CPN	E-356-1		
51702					DD	2CPP	E-356-1		
51703					DD	2CPN	E-356-1		
51704					DD	2CP17C	E-356-1		
51709				2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DD	2CP56C	E-356-1	
51710						DD	2CPN	E-356-1	
51711						DD	2CEA	E-356-1	
51712						DD	2CPP	E-356-1	
51713						DD	2CPN	E-356-1	
51801	LI1525A	LI1525A	ALSF1601A	BWST LEVEL INDICATOR	DD	ALP16B	E-356-8		
51802					DD	ALPB	E-356-3		
51803					DD	ALP16B	E-356-8		
51805	LI1525B	LI1525B	BLSF1651A	BWST LEVEL INDICATOR	DD	BLP55C	E-424		
51807					DD	BLP16B	E-356-8		
51808					DD	BLPA	E-356-5		
51811	LI1525C	LI1525C	ALSF1603A	BWST LEVEL INDICATOR	DD	ALP16B	E-356-8		
51812					DD	ALPB	E-356-3		
51813					DD	ALP63D	E-424		
51816	LI1525D	LI1525D	BLSF1653A	BWST LEVEL INDICATOR	DD	BLP16B	E-356-8		
51817					DD	BLPA	E-356-5		
51818					DD	BLP56D	E-424		
52200	LSL1525A1	LSL1525A1	ALSF5811A	BWST LEVEL SWITCH	DD	ALP58C	E-356-10		
52201					DD	ALP62C	E-356-10		
52202					DD	ALPB	E-356-3		
52300	LSL1525B1	LSL1525B1	BLSF5821A	BWST LEVEL SWITCH	DD	BLP55C	E-424		
52301					DD	BLPA	E-356-5		
52303					DD	BLP58E	E-356-10		
52403	LT1525A	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	DD	20323A	E-356-1		
52404					DD	1LP62C	E-356-10		
52503	LT1525B	LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	DD	20325A	E-356-1		
52504					DD	2LP55C	E-424		
52604	LT1525C	LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	DD	3LP63D	E-424		
52605					DD	20324A	E-356-1		
52703	LT1525D	LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	DD	4LP56D	E-424		
52704					DD	20326A	E-356-1		
52800	PI2000	PI2000	ALSF1601A	CTMT VESSEL PRESS INDICATOR	DD	ALP16B	E-356-8		
52801					DD	ALP62C	E-356-10		
52802					DD	ALPB	E-356-3		
52900	PI2001	PI2001	BLSF1651A	CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8		
52901					DD	BLPA	E-356-5		
52902					DD	BLP55C	E-424		
52903					DD	BLPA	E-356-5		
53000	PI2002	PI2002	ALSF1603A	CTMT VESSEL PRESS INDICATOR	DD	ALP63D	E-424		
53001					DD	ALPB	E-356-3		
53002					DD	ALP16B	E-356-8		
53100	PI2003	PI2003	BLSF1653A	CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8		
53101					DD	BLPA	E-356-5		
53102					DD	BLP56D	E-424		
53200	PIRC2A3	PIRC2A3	BLSF1653A	RCS COOLANT PRESS INDICATOR	DD	BLP56D	E-424		
53201					DD	BLPA	E-356-5		
53202					DD	BLP16B	E-356-8		
53300	PIRC2A4	PIRC2A4	2LSF1652A	RCS COOLANT PRESS INDICATOR	DD	2LP55C	E-424		
53301					DD	57100C	E-356-1		
53302					DD	57100A	E-356-1		
53400	PIRC2B3	PIRC2B3	ALSF1603A	RCS COOLANT PRESS INDICATOR	DD	ALP63D	E-424		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
53401	SFAS	PIRC2B3	ALSF1603A	RCS COOLANT PRESS INDICATOR	DD	ALP16B	E-356-8	
53402					DD	ALPB	E-356-3	
53900	PSH2000B		ALSF5812A	CTMT VESSEL PRESS SWITCH	DD	ALP58C	E-356-10	
53901					DD	ALPB	E-356-3	
53902					DD	ALP62C	E-356-10	
54000	PSH2001B		BLSF5822A	CTMT VESSEL PRESS SWITCH	DD	BLP58E	E-356-10	
54001					DD	BLP55C	E-424	
54002					DD	BLPA	E-356-5	
54100	PT2000		1LSFPT12A	CTMT VESSEL PRESS XMTR	DD	48037A	E-356-1	
54101					DD	1LP62C	E-356-10	
54200	PT2001		2LSFPT22A	CTMT VESSEL PRESS XMTR	DD	57059A	E-356-1	
54201					DD	2LP55C	E-424	
54300	PT2002		3LSFPT32A	CTMT VESSEL PRESS XMTR	DD	58111A	E-356-1	
54408					DD	37815A	E-356-1	
54408A	DD	4LP56D	E-424					
55200	RI2004		ALSF1601A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8	
55201					DD	ALPB	E-356-3	
55202					DD	ALP62C	E-356-10	
55300	RI2005		BLSF1651A	CTMT VESSEL RADIATION IND	DD	BLP16B	E-356-8	
55301					DD	BLPA	E-356-5	
55303					DD	BLP55C	E-424	
55400	RI2006		ALSF1603A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8	
55401					DD	ALP63D	E-424	
55402					DD	ALPB	E-356-3	
55500	RI2007		BLSF1653A	CTMT VESSEL RADIATION IND	DD	BLPA	E-356-5	
55501					DD	BLP56D	E-424	
55502					DD	BLP16B	E-356-8	
55600	RSH2004A		ALSF5813A	CTMT VESSEL RADIATION SW	DD	ALP62C	E-356-10	
55601					DD	ALP58C	E-356-10	
55602					DD	ALPB	E-356-3	
55700	RSH2005A		BLSF5823A	CTMT VESSEL RADIATION SW	DD	BLP58E	E-356-10	
55701					DD	BLPA	E-356-5	
55703					DD	BLP55C	E-424	
55800	SFRCS	HIS100B	2CRC2121A	SFRCS LOGIC CH.2 TRIP BLOCK	DD	2CP92B	E-356-1	
55801					DD	2CPN	E-356-1	
55802					DD	5721C3	E-356-1	
55803					DD	2CEV	E-356-1	
55806					DD	5721C3	E-356-1	
55807					DD	2CP92B	E-356-1	
55808		DD	2CEV	E-356-1				
55809		DD	2CPN	E-356-1				
55900		HIS100C	2CRC2141A	SFRCS LOGIC CH.4 TRIP BLOCK	DD	2CEV	E-356-1	
55901					DD	2CPN	E-356-1	
55902					DD	2CP92B	E-356-1	
55903			DD	5721C2	E-356-1			
55906			DD	5721C2	E-356-1			
55907			DD	2CPN	E-356-1			
55908			DD	2CEV	E-356-1			
55909	DD		2CP92B	E-356-1				
56000	HIS101B		1CRC2111A	SFRCS LOGIC CH.1 TRIP BLOCK	DD	1CPL	E-356-1	
56002		DD			5721B1	E-356-1		
56004		1CRC2111B	SFRCS LOGIC CH.1 TRIP BLOCK	DD	1CPL	E-356-1		
56006				DD	5721B1	E-356-1		
56100	HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1		
56101				DD	1CFM	E-356-1		
56102				DD	5721B2	E-356-1		
56104		1CRC2131B	SFRCS LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1		
56105				DD	1CFM	E-356-1		
56106				DD	5721B2	E-356-1		
56219	HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (APP-1 TO SG-2)	DD	1CPR	E-356-6		
56220				DD	1CP62A	E-356-10		
56221				DD	JT5721	E-356		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56222	SPRCS	HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (APP-1 TO SG-2)	DD	1CPM	E-356-6	
56223					DD	1CPL	E-356	
56224					DD	1CPM	E-356-6	
56225					DD	1CP06A	E-356	
56229			1CRSCC23A	BLOCK CIRCUIT AF3869 (APP-1 TO SG-2)	DD	JT5721	E-356	
56230					DD	1CPM	E-356-6	
56231					DD	1CPR	E-356-6	
56232					DD	1CPL	E-356	
56233					DD	1CP06A	E-356	
56234					DD	1CP62A	E-356-10	
56235					DD	1CPM	E-356-10	
56419		HIS3870B	1CRSCC21A	BLOCK CIRCUIT AF3870 (APP-1 TO SG-1)	DD	1CP62A	E-356-10	
56420					DD	1CP06A	E-356	
56421					DD	JT5721	E-356	
56422					DD	1CPM	E-356-6	
56424					DD	1CPR	E-356-6	
56425					DD	1CPL	E-356	
56429			1CRSCC23A	BLOCK CIRCUIT AF3870 (APP-1 TO SG-1)	DD	1CP62A	E-356-10	
56430					DD	1CP06A	E-356	
56431					DD	JT5721	E-356	
56432					DD	1CPM	E-356-6	
56434					DD	1CPR	E-356-6	
56435					DD	1CPL	E-356	
56316		HIS3871B	2CRSCC22A	BLOC CIRCUIT AE3871 (APP-2 TO SG-1)	DD	JT5722	E-356	
56317					DD	2CPN	E-356	
56318					DD	2CEV	E-356	
56319					DD	2CPN	E-356	
56320					DD	2CP92A	E-356, 423	
56324			2CRSCC24A	BLOCK CIRCUIT AF3871 (AF-2 TO SG-1)	DD	2CEV	E-356	
56325					DD	2CPN	E-356	
56326					DD	JT5722	E-356	
56327					DD	2CP92A	E-356, 423	
56328					DD	2CPN	E-356	
56516		HIS3872B	2CRSCC22A	BLOCK CIRCUIT AF3872 (APP-2 TO SG-2)	DD	2CEV	E-356	
56517					DD	2CP92A	E-356, 423	
56518					DD	2CPN	E-356	
56519					DD	JT5722	E-356	
56520					DD	2CPN	E-356	
56524			2CRSCC24A	BLOCK CIRCUIT AF3872 (APP-2 TO SG-2)	DD	2CP92A	E-356, 423	
56525					DD	2CEV	E-356	
56526					DD	JT5722	E-356	
56527					DD	2CPN	E-356	
56532		HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CPN	E-356	
56533					DD	2CEV	E-356	
56534					DD	2CPN	E-356	
56535					DD	2CP92A	E-356, 423	
56536					DD	JT5722	E-356	
56539			2CRSCC14A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CP92A	E-356, 423	
56540					DD	2CEV	E-356	
56541					DD	2CPN	E-356	
56542					DD	JT5722	E-356	
56543					DD	2CPN	E-356	
56547		HIS611B	1CRSCC11A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CPM	E-356-2	
56548					DD	1CPL	E-356	
56549					DD	1CP62A	E-356-10	
56550					DD	1CPR	E-356-6	
56551					DD	1CPM	E-356-6	
56552					DD	JT5721	E-356	
56553					DD	1CP06A	E-356	
56557			1CRSCC13A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CP06A	E-353	
56558					DD	1CP62A	E-356-10	
56559					DD	1CPM	E-356	
56560					DD	1CPL	E-356	
56561					DD	JT5721	E-356	
56562					DD	1CPR	E-356-6	
56200		HIS6401	1CRSCC11A	APW MANUAL INIT. CH. 1 & 3	DD	1CPM	E-356-6	
56201					DD	1CPL	E-356	
56202					DD	1CP62A	E-356-10	
56203					DD	1CPR	E-356-6	
56204					DD	1CPM	E-356-6	
56205					DD	JT5721	E-356	
56206					DD	1CP06A	E-356	
56210			1CRSCC13A	APW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
56211	SPRCS	HIS6401	1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP62A	E-356-10			
56212					DD	1CPM	E-356			
56213					DD	1CPL	E-356			
56214					DD	JTS721	E-356			
56215					DD	1CPR	E-356-6			
56300	HIS6402	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CPN	E-356				
56301				DD	2CEV	E-356				
56302				DD	2CPN	E-356				
56303				DD	2CP92A	E-356, 423				
56304				DD	JTS722	E-356				
56308				2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423		
56309						DD	2CEV	E-356		
56310						DD	2CPN	E-356		
56311						DD	JTS722	E-356		
56312						DD	2CPN	E-356		
56400	HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3			DD	1CPL	E-356		
56401				DD	1CPR	E-356-6				
56402				DD	1CP62A	E-356-10				
56403				DD	1CPM	E-356-6				
56405				DD	JTS721	E-356				
56406				DD	1CP06A	E-356				
56410				1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356		
56411						DD	1CPL	E-356		
56412						DD	1CPR	E-356-6		
56413						DD	JTS721	E-356		
56414						DD	1CP62A	E-356-10		
56415						DD	1CPM	E-356		
56500				HIS6404	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423	
56501							DD	JTS722	E-356	
56502							DD	2CPN	E-356	
56504	DD	2CEV	E-356							
56508	2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD				2CEV	E-356		
56509			DD				2CPN	E-356		
56510			DD				JTS722	E-356		
56511			DD				2CP92A	E-356, 423		
56512	DD	2CPN	E-356							
56601	LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	DD	5761A1	E-356-1				
56602				DD	38601A	E-356-1				
56603				DD	38601B	E-356-1				
56604				DD	5762C2	E-356-1				
56605				DD	1LP62C	E-356-1				
56700	LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	DD	5761A2	E-356-1				
56800	LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	DD	57961A	E-356-1				
56801				DD	2LP92A	E-356-1				
56900	LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	57962B	E-356-1				
56901				DD	57962A	E-356-1				
56902				DD	JB5785	E-356-1				
56903				DD	2LP92A	E-356-1				
56904				DD	47551A	E-356-1				
56905				DD	47551B	E-356-1				
56906				DD	5755C2	E-356-1				
56907				DD	2LP55C	E-356-1				
57000				LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	DD	2LP92A	E-356-1	
57002	DD	57961A	E-356-1							
57100	LLTSP9B7	2LSGLT41B	SG 1 LEVEL XMTR	DD	47551A	E-356-1				
57101				DD	5755C2	E-356-1				
57102				DD	2LP55C	E-356-1				
57103				DD	47551B	E-356-1				
57104				DD	2LP92A	E-356-1				
57105				DD	57962B	E-356-1				
57106				DD	JB5785	E-356-1				
57107				DD	57962A	E-356-1				
57201				LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	DD	38601B	E-356-1	
57202							DD	1LP62C	E-356-1	
57203	DD	5761A1	E-356-1							
57204	DD	38601A	E-356-1							
57205	DD	5762C2	E-356-1							
57300	LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	DD	5761A2	E-356-1				

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
57404	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	DD	2CP92A	E-356-1	
57405					DD	JB5778	E-356-1	
57406					DD	2CEA	E-356-1	
57407					DD	2CEV	E-356-1	
57408					DD	2CPN	E-356-1	
57411					DD	2CPP	E-356-1	
57504		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	DD	JB5776	E-356-1	
57505					DD	2CPN	E-356-1	
57506					DD	2CEV	E-356-1	
57507					DD	2CPN	E-356-1	
57509					DD	2CED	E-356-1	
57510					DD	2CP92A	E-356-1	
57603		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356-1	
57604					DD	27122A	E-356-1	
57605					DD	1CPL	E-356-1	
57619			1CRCPD11D	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356-1	
57620					DD	JB5777	E-356-1	
57621					DD	1CPL	E-356-1	
57622					DD	1CP62A	E-356-1	
57703		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	DD	1CLA	E-356-1	
57704					DD	57303A	E-356-1	
57705					DD	1CJM	E-356-1	
57706					DD	1CPL	E-356-1	
57801		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	DD	1CPL	E-356-1	
57802					DD	1CJL	E-356-1	
57803					DD	1CPL	E-356-1	
57809			1CRCPD11E	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356-1	
57810					DD	1CP62A	E-356-1	
57811					DD	JB5777	E-356-1	
57812					DD	1CPL	E-356-1	
57901		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	DD	57303A	E-356-1	
57902					DD	1CJM	E-356-1	
57903					DD	1CLA	E-356-1	
57904					DD	1CPL	E-356-1	
58000		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	DD	2CEV	E-356-1	
58001					DD	2CPN	E-356-1	
58002					DD	2CPP	E-356-1	
58003					DD	JB5778	E-356-1	
58004					DD	2CPN	E-356-1	
58005					DD	2CP92A	E-356-1	
58006					DD	2CEA	E-356-1	
58007					DD	2CPN	E-356-1	
58101		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	DD	2CEV	E-356-1	
58102					DD	2CP92A	E-356-1	
58805		PS3687A	2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356-1	
58806					DD	2CPN	E-356-1	
58807					DD	57162A	E-356-1	
58808					DD	2CP92A	E-356-1	
58903		PS3687C	2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356-1	
58904					DD	57162A	E-356-1	
58905					DD	2CPN	E-356-1	
58906					DD	2CP92A	E-356-1	
59005		PS3687E	2CRCPS41L	MS LINE 1(2) PRESS	DD	57162B	E-356-1	
59006					DD	2CP92A	E-356-1, 423	
59007					DD	2CEV	E-356-1	
59008					DD	2CPN	E-356-1	
59103		PS3687G	2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356-1	
59104					DD	2CPN	E-356-1	
59106					DD	2CP92A	E-356-1, 423	
59107					DD	57162B	E-356-1	
59205		PS3687K	2CRCPS21L	MS LINE 1(2) PRESS	DD	57162A	E-356-1	
59206					DD	2CEV	E-356-1	
59207					DD	2CP92A	E-356-1	
59208					DD	2CPN	E-356-1	
59304		PS3687L	2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356-1	
59305					DD	2CP92A	E-356-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
59306	SPRCS	PS3687L	2CRCPS21L	MS LINE 1(2) PRESS	DD	57162A	E-356	
59307					DD	2CFN	E-356	
59405		PS3687M	2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59406					DD	57162B	E-356	
59407					DD	2CFN	E-356	
59409					DD	2CP92A	E-356, 423	
59503		PS3687N	2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59504					DD	2CFN	E-356	
59506					DD	57162B	E-356	
59507					DD	2CP92A	E-356, 423	
59604		PS3688B	1CRCPS11L	MS LINE 1(2) PRESS	DD	1CP62A	E-356	
59605					DD	1CPL	E-356	
59606					DD	58097A	E-356, 417	
59607					DD	1CPL	E-356	
59702		PS3688D	1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
59703					DD	58097A	E-356, 417	
59704					DD	1CP62A	E-356	
59705					DD	1CPL	E-356	
59803		PS3688F	1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59804					DD	1CPL	E-356	
59805					DD	58097B	E-356, 417	
59806					DD	1CFM	E-356	
59807	DD	1CP62A	E-356					
59903		PS3688H	1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59904					DD	1CFM	E-356	
59905					DD	58097B	E-356, 417	
59906					DD	1CP62A	E-356	
59907	DD	1CPL	E-356					
60004		PS3688K	1CRCPS11L	MS LINE 1(2) PRESS	DD	58097A	E-356, 417	
60005					DD	1CP62A	E-356	
60006					DD	1CPL	E-356	
60104		PS3688L	1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
60106					DD	58097A	E-356, 417	
60107					DD	1CPL	E-356	
60108					DD	1CP62A	E-356	
60203		PS3688M	1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60204					DD	1CPL	E-356	
60205					DD	1CP62A	E-356	
60206					DD	58097B	E-356, 417	
60207	DD	1CFM	E-356					
60303		PS3688N	1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60304					DD	1CP62A	E-356	
60305					DD	1CPL	E-356	
60306					DD	58097B	E-356, 417	
60307	DD	1CFM	E-356					
60403		RCPM1	1CRCPM11B	RCP MONITOR	DD	JB5777	E-356-1	
60404					DD	27122A	E-356-1	
60405					DD	1CPL	E-356-1	
60417					DD	JB5777	E-356-1	
60418	DD	1CPL	E-356-1					
60419	DD	1CP62A	E-356-1					
60500		RCPM2	2CRCPM21B	RCP MONITOR	DD	2CPP	E-356-1	
60501					DD	2CFN	E-356-1	
60502					DD	JB5778	E-356-1	
60503					DD	2CFN	E-356-1	
60504					DD	2CEV	E-356-1	
60505					DD	2CP92A	E-356-1	
60506					DD	2CEA	E-356-1	
60507	DD	2CFN	E-356-1					
60603		RCPM3	1CRCPM31B	RCP MONITOR	DD	1CLA	E-356-1	
60604					DD	57303A	E-356-1	
60605					DD	1CJM	E-356-1	
60606					DD	1CPL	E-356-1	
60703		RCPM4	2CRCPM41B	RCP MONITOR	DD	2CFN	E-356-1	
60705					DD	JB5776	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60706	SFRCS	RCPM4	2CRCPM41B	RCP MONITOR	DD	2CED	E-349-2	
60708					DD	2CEV	E-356-1	
60709					DD	2CP92A	E-356-1	
60710					DD	2CPN	E-356-1	
60902	SWS	P180	ACAC201B	AP1800 CONTROL CIRCUIT	DD	ACP02B	E-356-9	
60903					DD	ACPG	E-356-2	
60904					DD	ACPR	E-356-2	
60905					DD	ACFJ	E-356-2	
60910			ACAC201C	AP1800 CONTROL CIRCUIT	DD	ACP20A	E-356-9	
60911					DD	ACPG	E-356-2	
60912					DD	ACPR	E-356-2	
60913					DD	ACFJ	E-356-2	
61001		P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61002					DD	1CPL	E-356-1	
61003					DD	27121A	E-356-1	
61017			1CAC107C	MP0031 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61018					DD	1CPL	E-356-6, 356-1	
61019					DD	27121A	E-356-6, 356-1	
61045			1CAC107F	MP0031 CONTROL CIRCUIT	DD	1CP63C	E-424	
61046					DD	1CPL	E-356-6, 356-1	
61047					DD	27121A	E-356-6, 356-1	
61100		P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	DD	2CED	E-356-7	
61103					DD	2CP16C	E-356-8	
61104					DD	2CPN	E-356-7	
61114			2CAD107C	MP0032 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61115					DD	2CPN	E-356-7	
61116					DD	2CED	E-356-7	
61140			2CAD107F	MP0032 CONTROL CIRCUIT	DD	2CP56C	E-424	
61141					DD	2CPN	E-356-7	
61142					DD	2CED	E-356-7	
61201		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61202					DD	27121A	E-356-6, 356-1	
61203					DD	1CPL	E-356-6, 356-1	
61218			1CAC109C	MP0033 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61219					DD	1CPL	E-356-6, 356-1	
61220					DD	27121A	E-356-6, 356-1	
61233			1CAC109D	MP0033 CONTROL CIRCUIT	DD	1CP63D	E-424	
61234					DD	1CPL	E-356-6, 356-1	
61235					DD	27121A	E-356-6, 356-1	
61266			1CAC109G	MP0033 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
61267					DD	1CPL	E-356-6	
61268					DD	1CFM	E-356-6	
61269					DD	1CP16A	E-356-8	
61277			1CACD4E	MP0033 CONTROL CIRCUIT	DD	1CP15A	E-356-8	
61278					DD	1CPL	E-356-6, 356-1	
61279					DD	27121A	E-356-6, 356-1	
61298			2CACD5E	MP0033 CONTROL CIRCUIT	DD	2CPP	E-356-7	
61299					DD	2CEA	E-356-7	
61303					DD	2CP15C	E-356-8	
61304					DD	2CPN	E-356-7	
61314			2CAD109B	MP0033 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61315					DD	2CPN	E-356-7	
61316					DD	2CED	E-356-7	
61327			2CAD109C	MP0033 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61328					DD	2CPN	E-356-7	
61329					DD	2CED	E-356-7	
61340			2CAD109D	MP0033 CONTROL CIRCUIT	DD	2CP56D	E-424	
61341					DD	2CPN	E-356-7	
61342					DD	2CED	E-356-7	
61370			2CAD109G	MP0033 CONTROL CIRCUIT	DD	2CP15C	E-356-8	
61371					DD	2CPN	E-356-7	
61372					DD	2CP16C	E-356-8	
61410		SW1356	1CV1356D	SV1356 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61411					DD	1CPL	E-356-6	
61419D			1CV1356E	SV1356 CONTROL CIRCUIT	DD	46051B*	E-343, 344, 355	
61420					DD	46051A	E-356-1	
61421					DD	1CJL	E-356-1	
61422					DD	1CPL	E-356-6	
61423					DD	1CJL	E-356-6	
61508		SW1357	2CV1357D	SV1357 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61509					DD	2CPN	E-356-7	
61510					DD	2CPP	E-356-7	
61511					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61603D	SWS	SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	DD	46051B*	E-343, 344, 355	
61604					DD	46051A	E-356-1	
61605					DD	1CPL	E-356-1	
61606					DD	1CJL	E-356-6	
61616D			1CV1358AH	SV1358 CONTROL CIRCUIT	DD	46056B*	E-343,344,355	
61617					DD	46056A	E-356-1	
61618					DD	1CPM	E-356-1	
61619					DD	1CPT	E-356-6	
61620					DD	1CPL	E-356-6	
61621					DD	1CJL	E-356-6	
61629			1CV1358AI	SV1358 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61630					DD	1CPL	E-356-6	
61639D			1CV1358AJ	SV1358 CONTROL CIRCUIT	DD	46058B*	E-343,344,355	
61640					DD	46058A	E-356-1	
61641					DD	1CJL	E-356-1	
61642					DD	1CPT	E-356-6	
61643					DD	1CPL	E-356-6	
61644					DD	1CJL	E-356-6	
61650			1CV1358AK	SV1358 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61651					DD	1CPL	E-356-6	
61652					DD	1CJM	E-356-6	
61660			1CV1358AL	SV1358 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61661					DD	1CPL	E-356-6	
61662					DD	1CJM	E-356-6	
61670			2CV1358BG	SV1358 CONTROL CIRCUIT	DD	2CKM	E-356-7	
61671					DD	2CPN	E-356-7	
61672					DD	2CPP	E-356-7	
61673					DD	2CEA	E-356-7	
61682			2CV1358BH	SV1358 CONTROL CIRCUIT	DD	2CKM	E-356-7	
61683					DD	2CPN	E-356-7	
61684					DD	2CPP	E-356-7	
61685					DD	2CEA	E-356-7	
61690			2CV1358BI	SV1358 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61691					DD	2CPN	E-356-7	
61692					DD	2CPP	E-356-7	
61693					DD	2CEA	E-356-7	
61702			2CV1358BJ	SV1358 CONTROL CIRCUIT	DD	2CKM	E-356-7	
61703					DD	2CPR	E-356-7	
61704					DD	2CLA	E-356-7	
61705					DD	2CEA	E-356-7	
61711			2CV1358BK	SV1358 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61712					DD	2CPN	E-356-7	
61713					DD	2CED	E-356-7	
61721			2CV1358BL	SV1358 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61722					DD	2CPN	E-356-7	
61723					DD	2CED	E-356-7	
61815		SW1366	1CBE1142F	MV1366 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61816					DD	1CPL	E-356-6	
61817					DD	1CJL	E-356-6	
61825D			1CBE1142G	MV1366 CONTROL CIRCUIT	DD	46055B*	E-343,344,355	
61826					DD	46055A	E-356-1, 356-6	
61827					DD	1CPL	E-356-1, 356-6	
61828					DD	1CJM	E-356-6	
61904		SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	DD	2CEA	E-356-7	
61905					DD	2CPP	E-356-7	
61906					DD	2CPN	E-356-7	
61907					DD	2CKM	E-356-7	
61917			2CBF1223F	MV1367 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
61918					DD	2CPN	E-356-7	
61919					DD	2CKM	E-356-7	
62012		SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
62013					DD	1CPL	E-356-1, 356-6	
62014					DD	46053A	E-356-1, 356-6	
62015					DD	46053B*	E-355	
62026			1CBE1207F	MV1368 CONTROL CIRCUIT	DD	1CJL	E-356-6	
62027					DD	1CPL	E-356-1, 356-6	
62028					DD	46053A	E-356-1, 356-6	
62029					DD	46053B*	E-343,344,356-1	
62055			2CBF1224E	MV1368 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
62056					DD	2CPN	E-356-7	
62057					DD	2CKM	E-356-7	
62065			2CBF1224F	MV1368 CONTROL CIRCUIT	DD	2CEA	E-356-7	
62066					DD	2CPP	E-356-7	
62067					DD	2CPN	E-356-7	
62068					DD	2CKM	E-356-7	
62417		SW1382	1CBE1218F	MV1382 CONTROL CIRCUIT	DD	1CPM	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62418	SWS	SW1382	1CBE1218F	MV1382 CONTROL CIRCUIT	DD	1CPL	E-356-6, 356-9	
62519			JT5721	MV1382 TERMINAL BOX	DD		E-356	
62609	SWS	SW1383	2CBF1177F	MV1383 CONTROL CIRCUIT	DD	JB5776	E-356-7, 356-9	
62610					DD	2CPN	E-356-7, 356-9	
62611			DD	2CED	E-356-7			
62650			DD	2CED	E-356-7			
62651			DD	2CKN	E-356-7			
62652			DD	2CPR	E-356-7			
62653			DD	2CKM	E-356-7			
62663			DD	2CED	E-356-7			
62664			DD	2CKN	E-356-7			
62665			DD	2CPR	E-356-7			
62666			DD	2CKM	E-356-7			
62676			DD	2CED	E-356-7			
62677			DD	2CKN	E-356-7			
62678			DD	2CPR	E-356-7			
62679			DD	2CKM	E-356-7			
62688			DD	2CED	E-356-7			
62689			DD	2CKN	E-356-7			
62690	DD	2CPR	E-356-7					
62691	DD	2CKM	E-356-7					
62730			JT5722	MV1383 TERMINAL BOX (CH. 2)	DD		E-356	
62807	SWS	SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	DD	2CP56C	E-356-8	
62808					DD	2CPN	E-356-7	
62809					DD	2CPP	E-356-7	
62810			DD	2CEA	E-356-7			
62840			DD	2CP17C	E-356-1			
62841			DD	2CPN	E-356-1			
62842			DD	2CPP	E-356-1			
62843	DD	2CEA	E-356-1					
62908	SWS	SW1399	1CBE1277E	MV1399 CONTROL CIRCUIT	DD	1CP63C	E-423	
62909					DD	1CPL	E-356-1, 356-6	
62910			DD	27120A	E-356-1, 356-6			
62943			DD	1CP17B	E-356-8			
62944			DD	1CPL	E-356-1, 356-6			
62945	DD	27120A	E-356-1, 356-6					
63006	SWS	SW1424	1CV1424D	SV1424 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
63007					DD	1CPL	E-356-6	
63008					DD	1CJL	E-356-6	
63018			DD	1CP63D	E-424			
63019			DD	1CPL	E-356-6			
63020	DD	1CJL	E-356-6					
63102	SWS	SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	DD	1CP63D	E-424	
63103					DD	1CPL	E-356-6, 356-1	
63104			DD	27122A	E-356-6, 356-1			
63117			DD	1CPL	E-356-6			
63119			DD	1CP16A	E-356-8			
63120			DD	1CJL	E-356-6			
63136			DD	2CP56D	E-424			
63137			DD	2CPN	E-356-7			
63138			DD	2CED	E-356-7			
63149			DD	2CP16C	E-356-8			
63150	DD	2CPN	E-356-7					
63151	DD	2CPP	E-356-7					
63152	DD	2CEA	E-356-7					
63305	SWS	SW1434	2CV1434D	SV1434 CONTROL CIRCUIT	DD	2CP16C	E-356-8	
63306					DD	2CPN	E-356-7	
63307					DD	2CPP	E-356-7	
63308					DD	2CEA	E-356-7	
63319			DD	2CP16C	E-356-8			
63320			DD	2CPN	E-356-7			
63321			DD	2CPP	E-356-7			
63322			DD	2CEA	E-356-7			
63413	SWS	SW2927	1CBE1232F	MV2927 CONTROL CIRCUIT	DD	5720C1	E-356-9	
63414					DD	1CPL	E-356-1, 356-6	
63415					DD	46055A	E-356-1, 356-6	
63416					DD	46055B*	E-343, 344, 355	
63512	SWS	SW2928	2CBF1132F	MV2928 CONTROL CIRCUIT	DD	5721A1	E-356-7, 356-9	
63513					DD	2CPN	E-356-7, 356-9	
63514					DD	2CPP	E-356-7	
63515					DD	2CLA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63609	SWS	SW2929	1CBEL281F	MV2929 CONTROL CIRCUIT	DD	5720C1	E-356-6, 356-9	
63610					DD	1CPL	E-356-6, 356-9	
63611					DD	27121A	E-356-1	
63710		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	DD	5721A1	E-356-7, 356-9	
63711					DD	2CPN	E-356-7, 356-9	
63712					DD	2CPP	E-356-7	
63713					DD	2CEA	E-356-7	
63809		SW2931	1CBEL282F	MV2931 CONTROL CIRCUIT	DD	5720C1	E-356-6, 356-9	
63810					DD	1CPL	E-356-6, 356-9	
63811					DD	27121A	E-356-1	
63910		SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	DD	5721A1	E-356-7, 356-9	
63911					DD	2CPN	E-356-7, 356-9	
63912					DD	2CPP	E-356-7	
63913					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00144B	AFWS	AF3870	1CD107G	MV3870 CONTROL CIRCUIT	DF	46060B*	E-343,344,355	
00221		AF3871	2CBF1201F	MV3871 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
00230			2CBF1201G	MV3871 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
00402		AF599	2CBF1118F	MV599 CONTROL CIRCUIT	DF	47356B	E-347	
00403					DF	47300A	E-347	
00404					DF	2CLA	E-347	
00406			2CBF1118G	MV599 CONTROL CIRCUIT	DF	47001A*	E-344, 343	
00415			2CBF1118I	MV599 CONTROL CIRCUIT	DF	2CLA	E-347	
00416					DF	47356A	E-347	
00420			2PBF1118A	MV599 POWER CIRCUIT	DF	18215D	E-347	
00427			BF1118	MV599 CIRCUIT BREAKER (CH. 2)	DF		E-332	
00429			CDY-F2	MV599 DISCONNECT SWITCH (CH. 2)	DF		E-347	
00619		AF6451	2CLC6451C	AF6451 CONTROL CIRCUIT	DF	2CKM	E-346-1, 347-1	
00624			2CLC6451D	AF6451 CONTROL CIRCUIT	DF	2CKM	E-346-1, 347-1	
00670			2LLC6451B	AF6451 CONTROL CIRCUIT	DF	46969A	E-346-1, 347-1	
00676			2LLC6451E	AF6451 CONTROL CIRCUIT	DF	36980B	E-346-1	
00642			2LLC6451G	AF6451 CONTROL CIRCUIT	DF	36980B	E-346-1	
01108		FW6460	2CLC6460B	FW6460 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
01102			2CLC6460H	FW6460 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
01132			2LLC6460A	FW6460 CONTROL CIRCUIT	DF	46969A	E-347	
01113			2LLC6460C	FW6460 CONTROL CIRCUIT	DF	36980B	E-335	
01122			2LLC6460E	FW6460 CONTROL CIRCUIT	DF	36980B	E-335	
01217		ICS038A	2CAFFT02B	ICS038A CONTROL CDF-12A-1 TO C5709	DF	2CKM	E-346, 347	
01447B		MS106	1CD135G	MV106 CONTROL CIRCUIT	DF	46060B*	E-343,344,355	
01604			1PD135A	MV106 POWER CIRCUIT	DF	46209A	E-347	
01605					DF	46067B	E-343, 344	
01904C		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	DF	47064B*	E-344,347,358	
01905					DF	47064A	E-347	
01917			2CBF1124F	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
01918					DF	47703A	E-347	
01919					DF	2CLB	E-347	
01928			2CBF1124G	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
01929					DF	47318A	E-347	
01930			2CBF1124H	MV107 CONTROL CIRCUIT	DF	47703A	E-347	
01931					DF	2CLB	E-347	
01932					DF	47317A	E-347	
01933					DF	2CLA	E-347	
01934			2CBF1124I	MS107 CONTROL CIRCUIT	DF	47705A	E-347	
01935					DF	2CLB	E-347	
01951			2CBF1124K	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
01952					DF	47703A	E-347	
01953					DF	2CLB	E-347	
01954			2CBF1124L	MV107 CONTROL CIRCUIT	DF	2CLB	E-347	
01955					DF	47705A	E-347	
01956					DF	47317A	E-347	
01957					DF	2CLA	E-347	
01971			2CBF1124P	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
01972					DF	47703A	E-347	
01973					DF	2CLB	E-347	
01983			2CBF1124R	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
01984					DF	47703A	E-347	
01985					DF	2CLB	E-347	
01988			2CBF1124U	MV107 CONTROL CIRCUIT	DF	47363A	E-347	
01989					DF	47703A	E-347	
01990					DF	2CLB	E-347	
01999			2CBF1124V	MV107 CONTROL CIRCUIT	DF	2CLA	E-347	
02000					DF	47705A	E-347	
02001					DF	2CLB	E-347	
02015			2CBF1124X	MV107 CONTROL CIRCUIT	DF	2CKN	E-347	
02016					DF	47703A	E-347	
02017					DF	2CLB	E-347	
02022C			2PBF1124A	MV107 POWER CIRCUIT	DF	47063B*	E-344,347,358	
02023					DF	47063A	E-347	
02024			BF1124	MV107 CIRCUIT BREAKER (CH. 2)	DF		E-347	
02026			CDF-11A-2	MV107 DISCONNECT SWITCH (CH. 2)	DF		E-347	
02036			NCDF-11A	MV107 LOCAL CONTROLLER (CH. 2)	DF		E-347	
02134		MS107A	2CBF1188K	MV107A CONTROL CIRCUIT	DF	2CLA	E-347	
02135					DF	47705A	E-347	
02136					DF	2CLB	E-347	
02137			2CBF1188L	MV107A CONTROL CIRCUIT	DF	47353A	E-347	
02138					DF	2CKL	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02150	AFWS	MS107A	CDP-11A-2	MV107A DISCONNECT SWITCH (CH. 2)	DF		E-347	
17404B	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	DF	46055B*	E-343, 344, 355	
17418B			1CBE1401J	MC0011 CONTROL CIRCUIT	DF	46056B*	E-343, 344, 355	
17425B			1CBE1401K	MC0011 CONTROL CIRCUIT	DF	46056B*	E-343, 344, 355	
17434A			1PBE1401A	MC0011 POWER CIRCUIT	DF	46098A*	E-343	
17438A			1PBE1401B	MC0011 POWER CIRCUIT	DF	46097A*	E-343	
17504		C1-2	2CBF1401G	MC0012 CONTROL CIRCUIT	DF	2CKM	E-347	
17517			2CBF1401J	MC0012 CONTROL CIRCUIT	DF	2CKM	E-347	
17524			2CBF1401K	MC0012 CONTROL CIRCUIT	DF	2CKM	E-347	
17532			2PBF1401A	MC0012 POWER CIRCUIT	DF	46737B	E-343, 346	
17533					DF	JB4625	E-346	
17534					DF	46737A	E-346	
17536			2PBF1401B	MC0012 POWER CIRCUIT	DF	46736B	E-343, 346	
17537					DF	JB4625	E-346	
17538					DF	46736A	E-346	
17558			P2P5FX	MC0012 PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
17610B		C1-3	1CBE1501F	MC0013 CONTROL CIRCUIT	DF	46056B*	E-343, 344, 355	
17617B			1CBE1501G	MC0013 CONTROL CIRCUIT	DF	46056B*	E-343, 344, 355	
17624B			1CBE1501H	MC0013 CONTROL CIRCUIT	DF	46055B*	E-343, 344, 355	
17646			2CBF1501F	MC0013 CONTROL CIRCUIT	DF	2CKM	E-347	
17653			2CBF1501G	MC0013 CONTROL CIRCUIT	DF	2CKM	E-347	
17660			2CBF1501H	MC0013 CONTROL CIRCUIT	DF	2CKM	E-347	
17672			3PBEF15A	MC0013 POWER CIRCUIT	DF	46071C	E-346	
17673					DF	JB4670	E-346	
17674					DF	46071B	E-346	
17675					DF	46071A*	E-343, 344	
17677			3PBEF15B	MC0013 POWER CIRCUIT	DF	46069C	E-346	
17678					DF	JB4670	E-346	
17679					DF	46069B	E-346	
17680H					DF	46069A*	E-343	
17697			P3P4CX	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	DF		E-346	
17903	CCWS	CC1409	2CBF1227C	CC1409 CONTROL CIRCUIT	DF	2CKM	E-346	
17904					DF	47078A	E-347	
17905					DF	2CLA	E-347	
17917			2CBF1227F	CC1409 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
17928			2PBF1227A	CC1409 POWER CIRCUIT	DF	46085A	E-346	
17937			P2C5GX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
17939			P2P5FX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18002		CC1410	2CBF1228C	CC1410 CONTROL CIRCUIT	DF	2CKM	E-346	
18003					DF	47078A	E-347	
18004					DF	2CLA	E-347	
18016			2CBF1228F	CC1410 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
18027			2PBF1228A	CC1410 POWER CIRCUIT	DF	46085A	E-346	
18036			P2C5GX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18038			P2P5FX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
19725B		CC5095	1CBE1226F	MV5095 CONTROL CIRCUIT	DF	46053B*	E-343, 344, 355	
19815			1PBE1226A	MV5095 POWER CIRCUIT	DF	46088B	E-346, 347	
19911		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	DF	2CKN	E-347	
19912					DF	47801A	E-347	
19916			2CBF1106E	MV5096 CONTROL CIRCUIT	DF	47703A	E-347	
19917					DF	2CLB	E-347	
19918					DF	2CLA	E-347	
19919					DF	47323A	E-347	
19925			2CBF1106F	MV5096 CONTROL CIRCUIT	DF	2CLA	E-347	
19926					DF	47705A	E-347	
19927					DF	2CLB	E-347	
19933			2CBF1106G	MV5096 CONTROL CIRCUIT	DF	2CKL	E-346	
19934					DF	47094A	E-346	
19935					DF	47323A	E-347	
19936					DF	2CLA	E-347	
20016			2PBF1106A	MV5096 POWER CIRCUIT	DF	47342A	E-347	
20019			BF1106	MV5096 CIRCUIT BREAKER (CH. 2)	DF		E-347	
20021			CDP-11A-2	MV5096 DISCONNECT SWITCH (CH. 2)	DF		E-347	
20125B		CC5097	1CBE1227E	MV5097 CONTROL CIRCUIT	DF	46053B*	E-343, 344, 355	
20212			1PBE1227A	MV5097 POWER CIRCUIT	DF	46088B	E-346, 347	
20300		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	DF	47352A	E-347	
20301					DF	2CLA	E-347	
20314			2CBF1119E	MV5098 CONTROL CIRCUIT	DF	47320A	E-347	
20315					DF	2CLA	E-347	
20316					DF	47705A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
20317	CCWS	CC5098	2CBF1119E	MV5098 CONTROL CIRCUIT	DF	2CLB	E-347			
20318			2CBF1119F	MV5098 CONTROL CIRCUIT	DF	2CLB	E-347			
20319					DF	47705A	E-347			
20320					DF	2CLA	E-347			
20326				2CBF1119G	MV5098 CONTROL CIRCUIT	DF	47323A	E-347		
20327					DF	2CLA	E-347			
20328					DF	2CKL	E-346			
20329					DF	47094A	E-346			
20411				2PBF1119A	MV5098 POWER CIRCUIT	DF	47342A	E-347		
20418				BF1119	MV5098 CIRCUIT BREAKER (CH. 2)	DF		E-347		
20420				CDF-11A-2	MV5098 DISCONNECT SWITCH (CH. 2)	DF		E-347		
27310				FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	DF	2CKM	E-346, 347	
27317M				FIS1427D	2CD2P23A	CONTROL POWER TO FIS1422D	DF	2CKM	E-346, 347	
21300	CFS	CF01A	2CBF1120C	MVCF01A CONTROL CIRCUIT	DF	47314A	E-347			
21301					DF	2CLA	E-347			
21308				2CBF1120E	MVCF01A CONTROL CIRCUIT	DF	47701A	E-347		
21309					DF	47314A	E-347			
21310					DF	2CLA	E-347			
21316				2CBF1120F	MVCF01A CONTROL CIRCUIT	DF	2CLA	E-347		
21317					DF	47702A	E-347			
21323				2CBF1120G	MVCF01A CONTROL CIRCUIT	DF	2CLA	E-347		
21324					DF	47315A	E-347			
21325				2CVCF01AA	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347		
21326					DF	47315A	E-347			
21327					DF	2CLA	E-347			
21333				2CVCF01AB	MVCF01A CONTROL CIRCUIT	DF	2CLA	E-347		
21334					DF	47702A	E-347			
21335				2CVCF01AC	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347		
21336					DF	2CLA	E-347			
21343				2PBF1120A	MVCF01A POWER CIRCUIT	DF	47310A	E-347		
21350		BF1120	MVCF01A CIRCUIT BREAKER (CH. 2)	DF		E-347				
21353		CDF-11A-1	MVCF01A DISCONNECT SWITCH (CH. 2)	DF		E-347				
21356		P2C5GX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347				
21358		P2P5FX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347				
21511B	CREVS	C21-1	1CBE1209C	MC0211 CONTROL CIRCUIT	DF	46055B*	E-343,344,355			
21605A										
21606			C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	DF	47051B*	E-353		
21612				2CBF1149C	MC0212 CONTROL CIRCUIT	DF	47051A	E-347		
21613					DF	47318A	E-347			
21619A				2PBF1149A	MC0212 POWER CIRCUIT	DF	2CLA	E-347		
21620					DF	47050B*	E-353			
21621				BF1149	MC0212 CIRCUIT BREAKER (CH. 2)	DF	47050A	E-347		
21775K			S33-1	1CBE1216E	MS33-1 CONTROL CIRCUIT	DF	46060B*	E-343, 344, 355		
21807A			S33-2	2CBF1131B	MS3321 CONTROL CIRCUIT	DF	47057B*	E-353		
21808				DF	47057A	E-347				
21819			2CCEAC2C	MS3321 CONTROL CIRCUIT	DF	2CKN	E-346, 347			
21843A			2PBF1131A	MS3321 POWER CIRCUIT	DF	47056B*	E-353			
21844				DF	47056A	E-347				
21845			BF1131	MS3321 CIRCUIT BREAKER (CH. 2)	DF		E-347			
22104B	CSS	P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	DF	46055B*	E-343,344,355			
22111B				1CBE111C	MC0561 CONTROL CIRCUIT	DF	46055B*	E-343,344,355		
22125B				1CBE111E	MC0561 CONTROL CIRCUIT	DF	46055B*	E-343,344,355		
22204		P56-2	2CBF111B	MP0562 CONTROL CIRCUIT	DF	2CKL	E-347			
22211			2CBF111C	MP0562 CONTROL CIRCUIT	DF	2CKL	E-347			
22224			2CBF111E	MP0562 CONTROL CIRCUIT	DF	2CKL	E-347			
22233			2CBF111F	MP0562 CONTROL CIRCUIT	DF	2CKL	E-347			
22900	DHRS	DH11	2CBF1130C	MVDH11 CONTROL CIRCUIT	DF	47315A	E-347			
22901					DF	2CLA	E-347			
22909				2CBF1130E	MVDH11 CONTROL CIRCUIT	DF	2CLA	E-347		
22910					DF	47315A	E-347			
22911				2CBF1130F	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347		
22912					DF	2CLA	E-347			
22913					DF	2CLA	E-347			
22914					DF	47315A	E-347			
22920				2CBF1130G	MVDH11 CONTROL CIRCUIT	DF	2CLA	E-347		
22921					DF	47702A	E-347			
22927		2CBF1130J	MVDH11 CONTROL CIRCUIT	DF	2CLA	E-347				
22928			DF	47700A	E-347					
22929		2CBF1130K	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347				

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22930	DHRS	DH11	2CBF1130K	MVDH11 CONTROL CIRCUIT	DF	2CLA	E-347	
22936			2CBF1130L	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347	
22937					DF	47315A	E-347	
22938					DF	2CLA	E-347	
22939			2PBF1130A	MVDH11 POWER CIRCUIT	DF	47313A	E-347	
22942			BF1130	MVDH11 CIRCUIT BREAKER (CH. 2)	DF		E-347	
22945			CDF-11A-1	MVDH11 DISCONNECT SWITCH (CH. 2)	DF		E-347	
22948			P2C5GX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
22950			P2P5FX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
23860B		DH2736	2CBF1125B	DH2736 CONTROL CIRCUIT	DF	47324A	E-347	
23860F			2CBF1125E	DH2736 CONTROL CIRCUIT	DF	47326A	E-347	
23860G					DF	2CLA	E-347-1	
23860H					DF	2CLB	E-347	
23860I					DF	47703A	E-347	
23860J			2CBF1125F	DH2736 CONTROL CIRCUIT	DF	47704A	E-347	
23860K					DF	2CLB	E-347	
23860L					DF	2CLA	E-347	
23860			2PBF1125A	DH2736 CONTROL CIRCUIT	DF	47325A	E-347	
23863			BF1125	DH2736 CONTROL CIRCUIT	DF		E-347	
23862			CDF-11A-2	DH2736 CONTROL CIRCUIT	DF		E-347	
32323	ESSPWR	C4602	2CY208AA	CONTROL POWER TO C4602	DF	2CKM	E-346	
32324					DF	46193B	E-346	
32325					DF	JB4674	E-346	
32326					DF	46961B	E-346	
32327			2CY208AB	CONTROL POWER TO C4602	DF	46961B	E-346	
32328					DF	JB4674	E-346	
32329					DF	2CKM	E-346, 347	
32330					DF	46961E	E-347	
32126		C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	DF	2CKL	E-346	
26605D			2CY419A	INDICATING POWER TO C5705 (PORV)	DF	2CKM	E-346, 347	2 A
32121F		C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	DF	46053B*	E-343, 344, 355	
32134C		C5709	2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	DF	2CKL	E-346	
31836B		C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	DF	46053B*	E-343, 344, 355	
31826C			2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	DF	2CKL	E-346	
31854B		C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	DF	46056B*	E-343, 344, 355	
32139			2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717	DF	2CKL	E-346, 347	
27241		C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	DF	2CKM	E-346, 347	
32112		C5755D	2CY207A	120VAC CONTROL POWER	DF	2CKL	E-346	
24624		C5755E	2CY206A	CONTROL POWER TO C5755E	DF	2CKL	E-346-1, 347-1	
32307		C5755G	2CY2A205A	CONTROL POWER TO C5755G	DF	2CKL	E-346	
27234		C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	DF	2CKM	E-346, 347	
32504			4CY407A	CONTROL POWER TO SFAS-4 PANEL C5756D	DF	46865C	E-346, 347	
32709		C5759C	BPYBU51A	INS POWER NNI-X BUS	DF	46189A	E-346, 356	
58203B		C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	DF	46051B*	E-343, 344, 355	
31899B		C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	DF	46051B*	E-343, 344, 355	
26813B			1PD1P11A	CONTROL POWER TO SFRCS RELAY CH 3	DF	46050B*	E-343, 344, 355	
26704B		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	DF	46051B*	E-343, 344, 355	
31815B		C5762D	1CY107A	120V AC CONTROL POWER	DF	46053B*	E-343, 344, 356-1	
24636		C5762E	1CY106A	CONTROL POWER TO C5762E	DF	46053B*	E-355, 343	
31962					DF	46053B*	E-346, 347, 355	
32009B		C5763A	1CY1A105A	CONTROL POWER TO C5763A	DF	46060B*	E-343, 344, 355	
32010					DF	46060B	E-346	
32011					DF	46060A	E-356-6	
26712B		C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	DF	46051B*	E-343, 344, 355	
32404B			3CY307A	120V AC CONTROL POWER	DF	46091B*	E-343, 344, 355	
31970		C5792	2CY221B	CONT POWER SFRCS RELAY CH 2	DF	2CKL	E-346, 347	
58604					DF	2CKL	E-347	
27342			2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	DF	46117A	E-346, 347	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
31978	ESSPWR	C5792A	2CY215B	INST POWER SFRCS LOGIC CH 2	DF	2CKL	E-346, 347		
58704					DF	2CKL	E-347		
31984				2CYF211A	INST POWER TO SFRCS LOGIC CH 3	DF	47355A	E-347	
31985						DF	2CLA	E-347	
32314	C5798	C5798	2CY207AA	CONTROL POWER, NNI LTS - RCS VENT	DF	2CKL	E-346		
32335				2CY209AA	CNTRL PWR NNI, IND LTS - RCS VENT	DF	2CKL	E-346, 347	
32021B	C5799	C5799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	DF	46060B*	E-343,344,355		
32022					DF	46060B	E-346		
32023					DF	46060A	E-356-6		
32056B				1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	DF	46056B*	E-343,344,355	
31808B	C6708		1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	DF	46058B*	E-343,344,355		
32102	C6709		2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	DF	2CKL	E-346, 347		
31810P	C6714		1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	DF	46058A*	E-343, 344, 355		
32107B	C6715		2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	DF	2CKL	E-346, 347		
32155	CDF-11A-1	CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	DF	2CKL	E-346, 347		
32159				2CY214B	CONTROL POWER TO RC4605 (P7531X)	DF	2CKL	E-347, 346	
32167				2CY214C	CONTROL POWER TO CDF-11A-1 (CF01A IND)	DF	47702A	E-347	
32168						DF	2CLA	E-347	
27256	CDF-12A-1		2CD2P20B	CONTROL POWER TO CDF11C	DF	2CKM	E-346, 347		
27053C	D2		BCAD2031A	BKR AMMETER AND TRIP AD110	DF	BCGL	E-338, 349-2	A	
28692B	E1		1CBCE11B	BCE11 CONTROL CIRCUIT	DF	46056B*	E-343,344,355		
28707B				1CBCE12B	BCE12 CONTROL CIRCUIT	DF	46055B*	E-343,344,355	
29604A	E12E		1PBEE1234A	BE1234 POWER CIRCUIT	DF	46087A*	E-343		
30382	F1		2CBDF11B	BDF11 CONTROL CIRCUIT	DF	2CKL	E-346, 347		
30395				2CBDF12B	BDF12 CONTROL CIRCUIT	DF	2CKL	E-346, 347	
30500	F11A		2PBF115A	BF115 POWER CIRCUIT	DF	46700A	E-346, 347		
30502				2PBF115B	BF115 POWER CIRCUIT	DF	46700B	E-346, 347	
30505				F11A	480VAC ESSEN MCC F11A (CH. 2)	DF		E-346, 347	
30601	F11B		2PBF1137A	BF1137 POWER CIRCUIT	DF	47007A	E-344		
30602				BF1137	MCC F11B FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30702	F11C		2PBF1143A	BF1143 POWER CIRCUIT	DF	47021A	E-347		
30703				BF1143	MCC F11C FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30803	F11D		2PBF1146A	BF1146 POWER CIRCUIT	DF	47200A	E-347		
30804				BF1146	MCC F11D FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30907	F11E		2PBF1189A	BF1189 POWER CIRCUIT	DF	18215A	E-347		
30908				BF1189	MCC F11E FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
31501	F15		2CBF105B	BF105 CONTROL CIRCUIT	DF	46072B	E-346, 347		
31502						DF	2CKM	E-346, 347	
32716	RC1761		BCYBU41A	CONTROL POWER TO WC1747	DF	BCKQ	E-346, 347		
26621	RC3601		1CD1P21A	CONTROL POWER TO RC3701	DF	46053B*	E-343,344,356-1		
27347H	RC3602		2CD2P21A	CONTROL POWER TO RC3702	DF	2CKM	E-346, 347		
26734B	RC3607		1CD1P21A	CONTROL POWER TO RC3601	DF	46053B*	E-343,344,356-1		
27286	RC3608		2CD2P21A	CONTROL POWER TO RC3702	DF	2CKM	E-346, 347		
26921	RC3701		1CD1P21A	CONTROL POWER TO RC3701	DF	46053B*	E-343,344,356-1		
27138	RC3702		2CD2P21A	CONTROL POWER TO RC3702	DF	2CKM	E-346, 347		
32177	RC3705		2CY216A	CONTROL POWER TO RC3705 (LR3758)	DF	47328A	E-347		
32178						DF	2CLA	E-347	
32182						DF	2CKL	E-346, 347	
33100	YF2		2PBF1101B	BF1101 POWER CIRCUIT	DF	47095A	E-347		
33101				2PBF1101C	BF1101 POWER CIRCUIT	DF	47095B	E-347	
33102				XYF2A	480/240VAC XFMR XYF2A (CH. 2)	DF		E-347	
33103				YF2	240/120VAC MCC YF2 (CH. 2)	DF		E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
27216	ESSPWR	ZC6451	2CD2P13A	CONTROL POWER TO FW6451	DF	2CKM	E-346, 347				
27202		ZC6460	2CD2P10A	CONTROL POWER TO FW6460	DF	2CKM	E-346, 347				
34502B	HPIS	P197-2	1CD106B	MP1972 CONTROL CIRCUIT	DF	46058B*	E-343, 344, 355				
34526B			1CD106D	MP1972 CONTROL CIRCUIT	DF	46058B*	E-343, 344, 355				
34544A			1PD106A	MP1972 POWER CIRCUIT	DF	47060B*	E-339, 344				
34545					DF	47060A*	E-339				
34546					DF	46068B	E-343, 344				
34618A		P198-1	2PBF1231A	MP1981 POWER CIRCUIT	DF	47062A	E-346, 347				
34619					DF	47062B*	E-344				
34729		P198-2	2PD206A	MP1982 POWER CIRCUIT	DF	47061A	E-346				
34730					DF	47061B*	E-339, 344				
37417B	HVAC	HV5305A	1CBE1240E	MV5305A CONTROL CIRCUIT	DF	46051B*	E-343, 344, 355				
37416B					DF	46051B*	E-343, 344, 355				
37516B		HV5305B	1CBE1241E	MV5305B CONTROL CIRCUIT	DF	46051B*	E-343, 344, 355				
39454	MSS	MS100	2CFV100B	FV100 CONTROL CIRCUIT	DF	2CLA	E-347				
39455					DF	47042C	E-347				
39456C					DF	47042B*	E-344, 358				
39464C			2CFV100BG	FV100 CONTROL CIRCUIT	DF	47042B*	E-344, 358				
39465					DF	47042C	E-347				
39466					DF	2CLA	E-347				
39507		MS100-1	2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DF	47040A	E-347				
39508					DF	2CKL	E-347				
39513			2CV1001F	V100/SV1001 CONTROL CIRCUIT	DF	47040A	E-347				
39514					DF	2CKL	E-347				
40800	MUPS	MU01A	2CBF1237C	MVMU01A CONTROL CIRCUIT	DF	47078A	E-347				
40801					DF	2CLA	E-347				
40802					DF	2CKM	E-346, 347				
40820				2CBF1237F	MVMU01A CONTROL CIRCUIT	DF	2CKM	E-346, 347			
40839				2CBF1237K	MVMU01A CONTROL CIRCUIT	DF	2CKM	E-347			
40842				2PBF1237A	MVMU01A POWER CIRCUIT	DF	46085A	E-346			
40853				P2C5GX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-346			
40855				P2P5FX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
40900			MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	DF	47078A	E-346			
40901						DF	2CLA	E-346			
40902						DF	2CKM	E-346			
40920						2CBF1238F	MVMU01B CONTROL CIRCUIT	DF	2CKM	E-346, 347	
40938						2CBF1238K	MVMU01B CONTROL CIRCUIT	DF	2CKM	E-347	
40940		2PBF1238A			MVMU01B POWER CIRCUIT	DF	46085A	E-346			
40951		P2C5GX			MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-346			
40953		P2P5FX			MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
42004	MU3971	2CBF1617A			MV3971 CONTROL CIRCUIT	DF	2CKL	E-346-1, 347			
42018						DF	2CKL	E-346, 347			
42040						2PBF1617D	MV3971 POWER CIRCUIT	DF	46962D	E-347	
42041							DF	JB4716	E-347-1		
42042					DF	46962E	E-347-1				
42077				AD105	MV3971 CIRCUIT BREAKER (CH B)	DF		E-346			
42051				BCHILOWZA	MV3971 CONTROL CIRCUIT	DF	BCKQ	E-346-1, 347-1			
42731			MU6406	2CV6406D	SVMU6406 CONTROL CIRCUIT	DF	2CKL	E-346			
42902	MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	DF	2CKM	E-346, 347					
42911				2CBF1208C	MV6408 CONTROL CIRCUIT	DF	2CKM	E-347			
42933				2PBF1208F	MV6408 POWER CIRCUIT	DF	JB4716	E-347			
42934					DF	46962E	E-347				
43204	MU6420	2CBF1616A	MU6420 CONTROL CIRCUIT	DF	2CKL	E-346					
43215				2CBF1616C	MU6420 CONTROL CIRCUIT	DF	2CKL	E-346, 347			
43237				2PBF1616F	MV6420 POWER CIRCUIT	DF	46962D	E-347			
43238					DF	JB4716	E-347				
43239					DF	46962E	E-347				
43400	MU6422	2CBF1108A	MV6422 CONTROL CIRCUIT	DF	47701A	E-347					
43401				DF	2CLA	E-347					
43407				2CBF1108B	MV6422 CONTROL CIRCUIT	DF	47300A	E-347			
43408					DF	2CLA	E-347				
43409					DF	47702A	E-347				
43412				2CBF1108F	MV6422 CONTROL CIRCUIT	DF	47800A	E-347			
43413					DF	2CKN	E-347				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43421	MUPS	MU6422	2PBF1108E	MV6422 POWER CIRCUIT	DF	47762A	E-347	
43422					DF	JB4716	E-347	
43423					DF	46962E	E-347	
43428			BF1108	MV6422 CIRCUIT BREAKER (CH 2)	DF		E-347	
43433			CDP11A-1	MV6422 DISCONNECT SWITCH (CH 2)	DF		E-347	
44039F		P-371C	ACD117H	MP0371C CONTROL CIRCUIT	DF	46059B*	E-347, 355	3 A
44061F			ACD117I	MP0371C CONTROL CIRCUIT	DF	46059B*	E-346, 347, 355	3 A
44061T			ACD117J	MP0371C CONTROL CIRCUIT	DF	46059B*	E-346, 347, 355	3 A
44079			APD117A	MP0371C POWER CIRCUIT	DF	46920A	E-346	
44311		P-372C	BCD217B	MP0372C CONTROL CIRCUIT	DF	BCKP	E-346	
44319			BCD217C	MP0372C CONTROL CIRCUIT	DF	BCKP	E-346	
44335			BCD217D	MP0372C CONTROL CIRCUIT	DF	BCKP	E-346	
44477		P-372D	BCBF1168G	MP372D CONTROL CIRCUIT	DF	BCKP	E-346, 347	
44806		P37-2	BCAD105K	MP0372A CONTROL CIRCUIT	DF	BCKR	E-346, 347	
44807					DF	46856D	E-346, 347	
44820			RC4602	MP0372A RELAY CABINET (CH. B)	DF		E-347	
45410	NI	NI-5875A	2LNF5875C	NE5875, NI5875A INDICATING CIRCUIT	DF	JB3682	E-346	
45411					DF	46961A	E-346	
45412					DF	JB4681	E-346	
45413					DF	2CKP	E-346	
45414					DF	FIELD	E-346	
45415			2LNF5875E	NE5875, NI5875A INDICATING CIRCUIT	DF	46961C	E-346	
45416					DF	JB4677	E-346	
45417					DF	46961G	E-346, 347	
45418					DF	JB4678	E-347	
45419					DF	46961J	E-347	
45420			2LNF5875G	NE5875, NI5875A INDICATING CIRCUIT	DF	46961D	E-347	
45421					DF	JB4712	E-347	
45424					DF	47554D	E-347	
45429			C4602	NE5875, NI5875A CONTROL PANEL	DF		E-344, 347	
45432			NY5875B	EX-CORE NEUTRON FLUX AMPLIFIER	DF		E-343, 346	
45434			NY5875C	SIGNAL PROCESSOR	DF		E-353	
45428			P2L2CX	NE5875, NI5875A PENE TERMINAL BOX	DF		E-343, 346	
45600		NI-NI1	2LRPSA03A	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45603			2LRPSA03B	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45606			2LRPSA03C	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45623			P2L4GX	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	DF		E-347	
46700	NNI	LI-RC14-2	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347	
46701					DF	36591A	E-347	
46712			P2L4GX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347	
46909		LI-RC14-4	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347	
46910					DF	36591A	E-347	
46904			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	DF	36591C	E-347	
46905					DF	36591A	E-347	
46923			P2L4GX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347	
47009		LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47010					DF	36591A	E-347	
47004			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	DF	36591C	E-347	
47005					DF	36591A	E-347	
47000			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47100		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47101					DF	36591A	E-347	
47112			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47200		LI-SP09A8	2LSGLT21A	LT, LI-SP09A8 INDICATING CIRCUIT	DF	47402A	E-347	
47204					DF	57961A	E-356	
47205					DF	JB4707	E-347	
47213			P2L4GX	LT, LI-SP09A8 PENETRATION BOX	DF		E-347	
47900		LI-SP09A8A	2LSGLT21A	LTSP09A8, LISP09A8A INDICATING CIRCUIT	DF	47402A	E-347	
47901					DF	JB4707	E-347	
47917			P2L4GX	LTSP09A8, LISP09A8A PENE BOX (CH. 2)	DF		E-347	
47300		LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DF	47551A	E-347	
47314			P2L4GX	LT, LI-SP09A9 PENETRATION BOX	DF		E-347	
48010		LRS-RC14	BLNNI153D	LRS-RC14 INDICATING CIRCUIT	DF	BLKU	E-347	
48021			PBL4EX	LRS-RC14 PENETRATION BOX	DF		E-346	
48105		PI-6365A	2LP6365AA	PT6365A, PI6365A, A1 INDICATING CIRCUIT	DF	36016A	E-347	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48115	NNI	PI-6365A	2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	DF	36016A	E-347	
48116					DF	47554B	E-347	
48117					DF	JB4712	E-347	
48128			P2L4GX	PT6365A, PI6365A,A1 PENETRATION BOX	DF		E-347	
48205		PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	DF	36016A	E-347	
48215			P2L4GX	PT6365A, PI6365A,A1 PENETRATION BOX	DF		E-347	
48501		PI-RC2A3	4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	DF	37507A	E-347	
48605		PI-RC2A4	2LSFPT21A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	DF	47551A	E-347	
48616			P2L4GX	PT-RC2A4, PI-RC2A4 PENET BOX	DF		E-347	
48909		PI-SP12A	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347	
48910					DF	36591A	E-347	
48904			2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	DF	36591C	E-347	
48905					DF	36591A	E-347	
48921			P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347	
49000		PI-SP12A1	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347	
49001					DF	36591A	E-347	
49011			P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347	
49855		TE-RC3A6	P2L4GX	TE-RC3A6 PENETRATION BOX	DF		E-347	
49604		TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	DF	47551A	E-347	
49609			2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	DF	36591C	E-347	
49610					DF	36591A	E-347	
49620			P2L4GX	TE, TT, TI-RC3A4 PENETRATION BOX (CH. 2)	DF		E-347	
49804		TI-RC3A6	2LTRC3A6B	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DF	47032A	E-347	
49808					DF	JB4712	E-347	
49809					DF	47554B	E-347	
49813			2LTRC3A6D	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DF	47032A	E-347	
49821			C3712	TE-RC3A6 CONTROL PANEL	DF		E-347	
49817			P2L4GX	TE, TT, TI-RC3A6 PENETRATION BOX	DF		E-347	
50105		TI-RC3B6	2LTRC3B6B	TE, TT, TI-RC3B6 INDICATING CIRCUIT	DF	JB4712	E-347	
50106					DF	47554B	E-347	
50113			P2L4GX	TE, TT, TI-RC3B6 PENETRATION BOX	DF		E-347	
50707	RCS	RC200	2CBF1285K	MV0200 CONTROL CIRCUIT	DF	2CLA	E-347	
50708					DF	47078B	E-347	
50709					DF	2CKM	E-347	
50717			2PBF1285J	MV0200 POWER CIRCUIT	DF	46085B	E-346	
50726			P2C5GX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50728			P2P5FX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50800		RC239A	2CBF1126C	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50801					DF	2CLA	E-347	
50805			2CBF1126E	MV0239A CONTROL CIRCUIT	DF	47701A	E-347	
50806					DF	47306A	E-347	
50807					DF	2CLA	E-347	
50813			2CBF1126F	MV0239A CONTROL CIRCUIT	DF	47702A	E-347	
50814					DF	2CLA	E-347	
50829			2CBF1126H	MV0239A CONTROL CIRCUIT	DF	2CKM	E-347	
50830					DF	47307A	E-347	
50831			2CBF1126J	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50832					DF	2CLA	E-347	
50833					DF	47701A	E-347	
50834			2CBF1126K	MV0239A CONTROL CIRCUIT	DF	2CLA	E-347	
50835					DF	47306A	E-347	
50836					DF	47701A	E-347	
50837			2PBF1126A	MV0239A POWER CIRCUIT	DF	47303A	E-347	
50840			BF1126	MV0239A CIRCUIT BREAKER (CH. 2)	DF		E-347	
50843			CDF-11A-1	MV0239A DISCONNECT SWITCH (CH. 2)	DF		E-347	
50846			P2C5GX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50848			P2P5FX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50900		RC239B	2CBF1127C	MV0239B CONTROL CIRCUIT	DF	47306A	E-347	
50901					DF	2CLA	E-347	
50905			2CBF1127E	MV0239B CONTROL CIRCUIT	DF	47700A	E-347	
50906					DF	47306A	E-347	
50907					DF	2CLA	E-347	
50913			2CBF1127F	MV0239B CONTROL CIRCUIT	DF	2CLA	E-347	
50914					DF	47701A	E-347	
50924			2CBF1127G	MV0239B CONTROL CIRCUIT	DF	2CKM	E-347	
50925					DF	47307A	E-347	
50926			2PBF1127A	MV0239B POWER CIRCUIT	DF	47304A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50929	RCS	RC239B	BF1127	MV0239B CIRCUIT BREAKER (CH. 2)	DF		E-347	
50932			CDF-11A-1	MV0239B DISCONNECT SWITCH (CH. 2)	DF		E-347	
50935			P2C5GX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50937			P2P5FX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
51056C		RC2A	2CVRC2J	SVRC2A (PORV) POWER CIRCUIT	DF	46286A		2 A
51056G			2CVRC2L	SVRC2A (PORV) INDICATING CIRCUIT	DF	2CLA	E-347	2 A
51057E			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	DF	2CKM	E-347	2 A
51059A			2CVRC2Q	SVRC2A (PORV) POWER CIRCUIT	DF	P2P5FX	E-347	
51059B					DF	46286B	E-347	
51057J			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	DF	BCKQ	E-346, 347	2 A
51057R			P2C5GX	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	DF			2 A
51302		RC4610A	2CV4610AC	SV4610A CONTROL CIRCUIT	DF	47052A	E-347, 347-1	
51303					DF	2CKN	E-347, 347-1	
51310			2CV4610AD	SV4610A CONTROL CIRCUIT	DF	2CKL	E-347, 346	
51317			P2P5FX	SV4610A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 346	
51402		RC4610B	2CV4610BC	SV4610B CONTROL CIRCUIT	DF	46321A	E-347, 346-1	
51403					DF	2CKN	E-347, 346-1	
51410			P2C5CX	SV4610B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 370	
51510		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	DF	2CKM	E-346-1	
51511					DF	46193B	E-346-1	
51512					DF	JB4674	E-346-1	
51513					DF	46193A	E-346-1	
51515			2CV4632C	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51516					DF	46193A	E-346-1	
51524			2CV4632E	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51525					DF	46193B	E-346-1	
51526					DF	2CKM	E-346-1	
51527					DF	46193D	E-346-1	
51534			2CV4632F	SV4632 CONTROL CIRCUIT	DF	2CKM	E-346-1	
51535					DF	46725B	E-346-1	
51538			2CV4632G	SV4632 CONTROL CIRCUIT	DF	46193C	E-346-1	
51539					DF	JB4674	E-346-1	
51540					DF	Unschd	E-346-1	
51544			JY4632	SV4632 SOLENOID CONTROL BOX	DF		E-346-1	
51546			P2C5CX	SV4632 PENETRATION TERMINAL BOX	DF		E-346-1	
51548			RC4607	SV4632 RELAY CABINET	DF		E-346-1	
53503	SFAS	CS755D	2CY207A	120VAC CONTROL POWER	DF	2CKL	E-346	
53605B		CS762D	1CY107A	120V AC CONTROL POWER	DF	46053B*	E-343,344,355	
53705C		CS763D	3CY307A	120V AC CONTROL POWER	DF	46091B*	E-343, 344, 355	
53806		CS765D	4CY407A	120VAC CONTROL POWER	DF	46865C	E-346	
51705		HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	DF	2CEA	E-347	
51714			2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DF	2CEA	E-347	
54404A		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	DF	37815C	E-347	
54405					DF	37815B	E-347	
54406					DF	JB4704	E-347	
54407					DF	37815A	E-347	
56802	SFRCS	LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	DF	JB4707	E-347	
56803					DF	47402A	E-347	
56804					DF	57961A	E-347	
56812			P2L4GX	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
56908		LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DF	47551A	E-347	
56915			P2L4GX	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57004		LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	DF	JB4707	E-347	
57005					DF	57961A	E-347	
57006					DF	47402A	E-347	
57008					DF	57961A	E-347	
57009					DF	JB4707	E-347	
57021			P2L4GX	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57108		LLTSP9B7	2LSGLT41B	SG 1 LEVEL XMTR	DF	47551A	E-347	
57117			P2L4GX	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
61419B	SWS	SW1356	1CV1356E	SV1356 CONTROL CIRCUIT	DF	46051B*	E-343, 344, 355	
61603B		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	DF	46051B*	E-343, 344, 355	
61616B			1CV1358AH	SV1358 CONTROL CIRCUIT	DF	46056B*	E-343,344,355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61639B	SWS	SW1358	1CV1358AJ	SV1358 CONTROL CIRCUIT	DF	46058B*	E-343,344,355	
61669			2CV1358BG	SV1358 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
61679H			2CV1358BH	SV1358 CONTROL CIRCUIT	DF	46072A*	E-343, 344	
61680					DF	46072B	E-347	
61681					DF	2CKM	E-347	
61699H			2CV1358BJ	SV1358 CONTROL CIRCUIT	DF	46072A*	E-343, 344	
61700					DF	46072B	E-347	
61701					DF	2CKM	E-347	
61825B		SW1366	1CBE1142G	MV1366 CONTROL CIRCUIT	DF	46055B*	E-343,344,355	
61908		SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
61920			2CBF1223F	MV1367 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62015B		SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	DF	46053B*	E-343, 344	
62029B			1CBE1207F	MV1368 CONTROL CIRCUIT	DF	46053B*	E-343,344,355	
62043H			2CBF1224B	MV1368 CONTROL CIRCUIT	DF	46072A*	E-343, 344	
62044					DF	46072B	E-347	
62045					DF	2CKM	E-347	
62058			2CBF1224E	MV1368 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62069			2CBF1224F	MV1368 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62654		SW1383	2CBF1177I	MV1383 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62667			2CPS4929C	MV1383 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62680			2CPS4929D	MV1383 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
62692			2CPS4929E	MV1383 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
63416B		SW2927	1CBE1232F	MV2927 CONTROL CIRCUIT	DF	46055B*	E-343,344,355	
63504A		SW2928	2CBF1132B	MV2928 CONTROL CIRCUIT	DF	47057B*	E-353	
63505					DF	47057A	E-347	
63508			2CBF1132E	MV2928 CONTROL CIRCUIT	DF	47701A	E-347	
63509					DF	2CLA	E-347	
63510					DF	47350A	E-347	
63516			2CBF1132F	MV2928 CONTROL CIRCUIT	DF	2CLA	E-347	
63517					DF	47702A	E-347	
63525A			2PBF1132A	MV2928 POWER CIRCUIT	DF	47056B*	E-353	
63526					DF	47056A	E-347	
63527			BF1132	MV2928 CIRCUIT BREAKER (CH. 2)	DF		E-347	
63531			ODF-11A-1	MV2928 DISCONNECT SWITCH (CH. 2)	DF		E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
00020	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	DG	48553A	E-348			
00023			1CBE1146E	MV3869 CONTROL CIRCUIT	DG	48069A	E-348			
00033			1CBE1146F	MV3869 CONTROL CIRCUIT	DG	48225A	E-348			
00034					DG	BE11E	E-348			
00035					DG	48069A	E-348			
00045				1CBE1146G	MV3869 CONTROL CIRCUIT	DG	48553B	E-348		
00064				1CBE1146H	MV3869 CONTROL CIRCUIT	DG	48553A	E-348		
00065				1PBE1146A	MV3869 POWER CIRCUIT	DG	48257A	E-348		
00073				BE1146	MV3869 CIRCUIT BREAKER (CH. 1)	DG		E-348		
00076				CDE-11E	MV3869 DISCONNECT SWITCH (CH. 1)	DG		E-348		
00513	AF608		1CBE1160F	MV608 CONTROL CIRCUIT	DG	48553A	E-348			
00516			1CBE1160G	MV608 CONTROL CIRCUIT	DG	48265A	E-348			
00535			1PBE1160A	MV608 POWER CIRCUIT	DG	48258A	E-348			
00542			BE1160	MV608 CIRCUIT BREAKER (CH. 1)	DG		E-348			
21453A	CFS	CF01B	1PBE1162A	CF01B POWER CIRCUIT	DG	38010A*	E-340			
24011	DHRS	DH64	1CBE1187C	MVDH64 CONTROL CIRCUIT	DG	48114A	E-348			
24012					DG	CDE-11E	E-348			
24013					DG	48069A	E-348			
24014				1CBE1187D	MVDH64 CONTROL CIRCUIT	DG	48135B	E-348		
24024				1CBE1187F	MVDH64 CONTROL CIRCUIT	DG	48135A	E-348		
24025				1PBE1187A	MVDH64 POWER CIRCUIT	DG	18235A	E-348		
24030				BE1187	MVDH64 CIRCUIT BREAKER (CH. 1)	DG		E-348		
24031				CDE-11E	MVDH64 DISCONNECT SWITCH (CH. 1)	DG		E-348		
32051A			ESSSPWR	C4808	1CY108AB	CONTROL POWER FROM Y1A	DG	48554D	E-348	
32051	1CY108AC	CONTROL POWER FROM Y1A			DG	48554E	E-348			
29200		E11E	1PBE1150A	BE1150 POWER CIRCUIT	DG	38156A	E-348			
29206			E11E	480VAC ESSEN MCC E11E (CH. 1)	DG		E-348			
30100		E16B	1PBE1609A	BE1609 POWER CIRCUIT	DG	46940B	E-348			
30103			E16B	480VAC ESSEN MCC E16B (CH. 1)	DG		E-348			
26815A		RC4801	1PD1P12A	DC CONT POWER TO RC4801 (MUSV6407)	DG	46796B	E-348			
41606	MUPS	MU19	BCNNI261C	MU19 CONTROL CIRCUIT	DG	BCFE	E-348			
41618			BCNNI264A	MU19 CONTROL CIRCUIT	DG	BCFE	E-348			
41624			BCY36218A	MU19 CONTROL CIRCUIT	DG	BCFE	E-348			
41651			BLNNI264B	MU19 CONTROL CIRCUIT	DG	BLFC	E-348			
42620			MU6405		1CBE1127C	MV6405 CONTROL CIRCUIT	DG	1CLA	E-348	
42634	ACHILOWLA	MV6405 CONTROL CIRCUIT			DG	ACLC	E-348			
42823	MU6407		1CV6407D	SVMU6407 CONTROL CIRCUIT	DG	48083A	E-348			
42824					DG	1CLA	E-348			
44215		P-372B	BCBF1167C	MP0372B CONTROL CIRCUIT	DG	BCFE	E-348			
44326	P-372C		BCD217D	MP0372C CONTROL CIRCUIT	DG	BCFE	E-348			
44352			BCD217F	MP0372C CONTROL CIRCUIT	DG	BCFE	E-348			
44368			BCD217G	MP0372C CONTROL CIRCUIT	DG	BCFE	E-348			
44419	P-372D		BCBF1168D	MP372D CONTROL CIRCUIT	DG	BCFE	E-348			
44435			BCBF1168E	MP372D CONTROL CIRCUIT	DG	BCFE	E-348			
44459			BCBF1168F	MP372D CONTROL CIRCUIT	DG	BCFE	E-348			
44468			BCBF1168G	MP372D CONTROL CIRCUIT	DG	BCFE	E-348			
44485			BCBF1168I	MP372D CONTROL CIRCUIT	DG	BCFE	E-348			
44761	P37-2		BCAD105G	MP0372A CONTROL CIRCUIT	DG	BCFE	E-348			
44778			BCAD105H	MP0372A CONTROL CIRCUIT	DG	BCFE	E-348			
45212	NI	NI-5874A	1LNF5874C	NE5874, NI5874A INDICATING CIRCUIT	DG	48554A	E-348			
45213			1LNF5874E	NE5874, NI5874A INDICATING CIRCUIT	DG	48554B	E-348			
45214			1LNF5874G	NE5874, NI5874A INDICATING CIRCUIT	DG	48554C	E-348			
45224			C4808	NE5874, NI5874A CONTROL PANEL	DG		E-348			
45227			NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER	DG		E-348			
45229			NY5874C	SIGNAL PROCESSOR	DG		E-348			
45223			P1L5WX	NE5874, NI5874A PENE TERMINAL BOX	DG		E-348			
45312			NI-5874C		1LNF5874C	NE-5874, NI-5874C IND CIRCUIT	DG	48554A	E-348	
45313					1LNF5874D	NE-5874, NI-5874C IND CIRCUIT	DG	48554B	E-348	
45314					1LNF5874E	NE-5874, NI-5874C IND CIRCUIT	DG	48554B	E-348	
45315	1LNF5874F	NE-5874, NI-5874C IND CIRCUIT			DG	48554B	E-348			
45318	C4808	NE-5874, NI-5874C CONTROL PANEL			DG		E-348			
45321	NI5874C	EX-CORE NEUTRON FLUX SR INDICATOR			DG		E-348			
45320	NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER			DG		E-348			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45322	NI	NI-5874C	NY5874C	SIGNAL PROCESSOR	DG		E-348	
45317			P1L5WX	NE-5874,NI-5874C PENE BOX	DG		E-348	
45745	NNI	FI6425	1LL6425A	PT, FI6425 INDICATING CIRCUIT	DG	17815B	E-348	
45746					DG	JB4853	E-348	
45747					DG	48558B*	E-348	
45775		FI6435	1LL6435A	PT, FI6435 INDICATING CIRCUIT	DG	17815B	E-348	
45776					DG	JB4853	E-348	
45777					DG	48558B*	E-348	
48700		PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DG	48108A	E-348	
48717			P3L4SX	PT, PI-RC2B3 PENETRATION BOX	DG		E-348	
50404		TI-RC4B2	BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	DG	BLFC	E-348	
50504		TI-RC4B4	ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	DG	ALLA	E-348	
50505					DG	ALFD	E-348	
50605	RCS	RC11	1CBE1602C	MVRC11 CONTROL CIRCUIT	DG	38097B	E-348	
50606					DG	JB4818	E-348	
50607					DG	38097E	E-348	
50610			1CBE1602E	MVRC11 CONTROL CIRCUIT	DG	48426A	E-348	
50637			1CBE1602K	MVRC11 CONTROL CIRCUIT	DG	48136A	E-348	
50638					DG	JB4818	E-348	
50639					DG	38097D	E-348	
50641			1PBE1602A	MVRC11 POWER CIRCUIT	DG	38603A	E-348	
50644			BE1602	MVRC11 CIRCUIT BREAKER (CH. 1)	DG		E-348	
50646			CDE-16B	MVRC11 DISCONNECT SWITCH (CH. 1)	DG		E-348	
51202		RC4608B	1CV4608BC	SV4608B CONTROL CIRCUIT	DG	38097F	E-348	
51203					DG	JB4818	E-348	
51204					DG	38097B	E-348	
51221			PICSSX	SV4608B PENETRATION BOX (CH. 1)	DG		E-348	
52406	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	DG	20323A	E-348	
61834N	SWS	SW1366	1CBE1142J	MV1366 CONTROL CIRCUIT	DG	48102B	E-348, 411	
61840A			EV13660A	MV1366 LOCAL CONTROL PANEL (CH. 1)	DG		E-348	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01602	AFWS	MS106	1PD135A	MV106 POWER CIRCUIT	DH	46209A	E-359, 416	
01901		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	DH	67065A	E-416	
01902					DH	JB6720	E-416	
01903					DH	47064C	E-416	
01904					DH	47064B*	E-344, 347, 358	
02019			2PBF1124A	MV107 POWER CIRCUIT	DH	67065B	E-416	
02020					DH	JB6720	E-416	
02021					DH	47063C	E-416	
02022					DH	47063B*	E-344, 416	
21501A	CREVS	C21-1	1CBEL209B	MC0211 POWER CIRCUIT	DH	46103B*	E-357, 358	
21516A			1PBE1209A	MC0211 POWER CIRCUIT	DH	46102B*	E-357, 358	
21601A		C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	DH	47051D*	E-358	
21615A			2PBF1149A	MC0212 POWER CIRCUIT	DH	47050D*	E-358	
21703		S33-1	1CBEL216B	MS3311 CONTROL CIRCUIT	DH	46106B*	E-357, 358	
21775E			1CBEL216E	MS33-1 CONTROL CIRCUIT	DH	46106B*	E-357, 358	
21715A			1CCBACL1C	MS3311 CONTROL CIRCUIT	DH	67002B*	E-355, 358	
21751			1PBE1216A	MS3311 POWER CIRCUIT	DH	46107B*	E-375, 358	
21803		S33-2	2CBF1131B	MS3321 CONTROL CIRCUIT	DH	47057E	E-416	
21865D			2CBF1131E	MS33-2 CONTROL CIRCUIT	DH	47057E	E-416	
21839A			2PBF1131A	MS3321 POWER CIRCUIT	DH	47056D*	E-358	
31803B	ESSPWR	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	DH	67002B*	E-355, 358	
31810G		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	DH	67002B*	E-355, 358	
39200	MSS	ICS11A	2CVCS11AA	SVICS11A CONTROL CIRCUIT	DH	67111A	E-416	
39200A					DH	67111F	E-416	
39200B					DH	67111E	E-416	
39201			2CVCS11AB	SVICS11A CONTROL CIRCUIT	DH	Nipple	E-416	
39207A			2CVCS11AC	SVICS11A CONTROL CIRCUIT	DH	67081B*	E-358	
39208					DH	67081B	E-416	
39209					DH	67081C	E-416	
39210C			2CVCS11AE	SVICS11A CONTROL CIRCUIT	DH	67081B*	E-358	
39210D					DH	67081B	E-416	
39210E					DH	67081C	E-416	
39220			EV100A	SVICS11A TERMINAL BOX (CH. 2)	DH		E-416	
39221			NVICS11A	SVICS11A LOCAL CONTROLLER (CH. 2)	DH		E-416	
39222			SVICS11A1	MSL 2 ATM VENT SOLENOID VALVE	DH		E-416	
39300		ICS11B	1CVCS11BA	SVICS11B CONTROL CIRCUIT	DH	68011A	E-359	
39300A					DH	68011B	E-359	
39300B					DH	68011C	E-359	
39301			1CVCS11BB	SVICS11B CONTROL CIRCUIT	DH	Nipple	E-359	
39309A			1CVCS11BC	SVICS11B CONTROL CIRCUIT	DH	68007B*	E-358, 359	
39310					DH	68007A	E-359	
39316A			1CVCS11BE	SVICS11B CONTROL CIRCUIT	DH	68007B*	E-358, 359	
39317					DH	68007A	E-359	
39323			EV101B	SVICS11B TERMINAL BOX (CH. 1)	DH		E-359	
39324			NVICS11B	SVICS11B LOCAL CONTROLLER	DH		E-359	
39325			SVICS11B1	MSL 1 ATM VENT VALVE SOLENOID	DH		E-359	
39400		MS100	1CFV100DB	FV100 CONTROL CIRCUIT	DH	67046A	E-416	
39401			1CFV100DE	FV100 CONTROL CIRCUIT	DH	67801C	E-416	
39402					DH	67801A	E-416	
39403			1CFV100DF	FV100 CONTROL CIRCUIT	DH	67801B	E-416	
39404					DH	67801A	E-416	
39405			1CFV100DH	FV100 CONTROL CIRCUIT	DH	67046B	E-416	
39419			1CFV100EB	FV100 CONTROL CIRCUIT	DH	67007D	E-416	
39420			1CFV100EE	FV100 CONTROL CIRCUIT	DH	67801D	E-416	
39421			1CFV100EG	FV100 CONTROL CIRCUIT	DH	67007A	E-416	
39423A					DH	67007B*	E-355, 358	
39433			2CFV100AB	FV100 CONTROL CIRCUIT	DH	67045C	E-416	
39434					DH	67045A	E-416	
39435			2CFV100AC	FV100 CONTROL CIRCUIT	DH	67800B	E-416	
39436			2CFV100AE	FV100 CONTROL CIRCUIT	DH	67045A	E-416	
39437					DH	67045B	E-416	
39456			2CFV100B	FV100 CONTROL CIRCUIT	DH	47042B*	E-358, 344	
39457					DH	47042A	E-416	
39458			2CFV100BC	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39459					DH	67061B	E-416	
39460			2CFV100BD	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39461					DH	67061A	E-416	
39462			2CFV100BE	FV100 CONTROL CIRCUIT	DH	67800A	E-416	
39463			2CFV100BG	FV100 CONTROL CIRCUIT	DH	47042A	E-416	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39464	MSS	MS100	2CFV100BG	FV100 CONTROL CIRCUIT	DH	47042B*	E-358, 344	
39476			2CFV100C	FV100 CONTROL CIRCUIT	DH	67061B	E-416	
39477					DH	67061C	E-416	
39484			FPSL100A	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39485			FPSL100B	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39486			FPSL100C	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39487			FPSL100D	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39488			FPSL100E	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39489			FV100	MN STEAM LINE 2 ISO VALVE (CH. 2 & 1)	DH		E-416	
39491			JT6703	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39492			JT6704	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39493			JT6707	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39494			JT6717	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39495			NSV100	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39500		MS100-1	2CV1001A	SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39501			2CV1001B	V1001/SV1001 CONTROL CIRCUIT	DH	67155A	E-416	
39505			2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DH	47040A	E-416	
39510			2CV1001D	V1001/SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39511			2CV1001F	V100/SV1001 CONTROL CIRCUIT	DH	47040A	E-416	
39522			2CV1001G	V100/SV1001 CONTROL CIRCUIT	DH	67107A	E-416	
39525			EV1001	V1001 TERMINAL BOX (CH. 2)	DH		E-416	
39526			JT6704	V1001 JUNCTION BOX (CH 1)	DH		E-416	
39527			NV1001	V1001 LOCAL CONTROLLER (CH. 2)	DH		E-416	
39528			SV1001	V1001 SOLENOID VALVE (CH. 2)	DH		E-416	
39529			V1001	MN STM LINE 2 WU ISOLATION VALVE (CH. 2)	DH		E-416	
39600		MS101	1CFV101AB	FV101 CONTROL CIRCUIT	DH	68075B	E-359	
39601					DH	68075A	E-359	
39602			1CFV101AC	FV101 CONTROL CIRCUIT	DH	68800B	E-359	
39603			1CFV101AE	FV101 CONTROL CIRCUIT	DH	68075A	E-359	
39604					DH	68075C	E-359	
39621A			1CFV101B	FV101 CONTROL CIRCUIT	DH	68008B*	E-358, 359	
39622					DH	68008A	E-359	
39623			1CFV101BC	FV101 CONTROL CIRCUIT	DH	68006A	E-359	
39624					DH	68006C	E-359	
39625			1CFV101BD	FV101 CONTROL CIRCUIT	DH	68006B	E-359	
39626					DH	68006C	E-359	
39627			1CFV101BE	FV101 CONTROL CIRCUIT	DH	68800A	E-359	
39628			1CFV101BG	FV101 CONTROL CIRCUIT	DH	68008A	E-359	
39629A					DH	68008B*	E-358, 359	
39635			1CFV101C	FV101 CONTROL CIRCUIT	DH	68006C	E-359	
39636					DH	68006A	E-359	
39637			2CFV101DB	FV101 CONTROL CIRCUIT	DH	68076B	E-359	
39638			2CFV101DE	FV101 CONTROL CIRCUIT	DH	68801B	E-359	
39639					DH	68801A	E-359	
39640			2CFV101DF	FV101 CONTROL CIRCUIT	DH	68801C	E-359	
39641					DH	68801A	E-359	
39661			2CFV101DH	FV101 CONTROL CIRCUIT	DH	68076A	E-359	
39642			2CFV101EB	FV101 CONTROL CIRCUIT	DH	68060B	E-359	
39643			2CFV101EE	FV101 CONTROL CIRCUIT	DH	68801D	E-359	
39647			2CFV101EG	FV101 CONTROL CIRCUIT	DH	68060A	E-359	
39677			FPSL101A	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39678			FPSL101B	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39679			FPSL101C	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39680			FPSL101D	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39681			FPSL101E	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39682			FV101	MN STEAM LINE 1 ISO VALVE (CH. 1 & 2)	DH		E-359	
39683			JT6801	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39684			JT6802	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39685			JT6807	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39686			JT6811	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39687			NSV101	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39700		MS101-1	1CV1011A	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39701			1CV1011B	V1011/SV1011 CONTROL CIRCUIT	DH	Nipple	E-359	
39702			1CV1011C	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39705					DH	38069C	E-359	
39710C					DH	38069B*	E-340, 359	
39717			1CV1011D	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39718			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39719					DH	38069C	E-359	
39720					DH	38069B*	E-359, 340	
39732			1CV1011G	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39733					DH	38069D	E-359	
39736			EV1011	V1011 TERMINAL BOX (CH. 1)	DH		E-359	
39737			JT6802	V1011 JUNCTION BOX (CH. 1)	DH		E-359	
39738			NV1011	V1011 LOCAL CONTROLLER (CH. 1)	DH		E-359	
39739			SV1011	V1011 SOLENOID VALVE (CH. 1)	DH		E-359	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39740	MSS	MS101-1	V1011	MN STM LINE #1 WJ. ISO VLV (CH. 1)	DH		E-359	
40560		PSV-SP17A1	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40561		PSV-SP17A2	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40562		PSV-SP17A3	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40563		PSV-SP17A4	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40564		PSV-SP17A5	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40565		PSV-SP17A6	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40566		PSV-SP17A7	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40567		PSV-SP17A8	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40568		PSV-SP17A9	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40569		PSV-SP17B1	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40570		PSV-SP17B2	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40571		PSV-SP17B3	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40572		PSV-SP17B4	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40573		PSV-SP17B5	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40574		PSV-SP17B6	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40575		PSV-SP17B7	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40576		PSV-SP17B8	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40577		PSV-SP17B9	N/A	MSL 1 SAFETY VALVE	DH	MAN		
63401	SWS	SW2927	1CBE1232B	MV2927 CONTROL CIRCUIT	DH	46106B*	E-357, 358	
63425			1PBE1232A	MV2927 POWER CIRCUIT	DH	46107B*	E-357, 358	
63501		SW2928	2CBF1132B	MV2928 CONTROL CIRCUIT	DH	47057E	E-416	
63522B			2PBF1132A	MV2928 POWER CIRCUIT	DH	47056D*	E-358	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
00102	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	DUCT	36085B*	E-337			
00119			1CD107E	MV3870 CONTROL CIRCUIT	DUCT	36085B*	E-337			
00150B			1PD107A	MV3870 POWER CIRCUIT	DUCT	46006B*	E-333,337,342			
00202		AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	DUCT	36179B*	E-337			
00235			2CBF1201H	MV3871 CONTROL CIRCUIT	DUCT	36179B*	E-337			
00250B			2PBF1201A	MV3871 POWER CIRCUIT	DUCT	46005B*	E-333,337,342			
00302	AF3872		2CBF1262B	MV3872 CONTROL CIRCUIT	DUCT	36179B*	E-337			
00307			2CBF1262F	MV3872 CONTROL CIRCUIT	DUCT	36175B*	E-337			
00323			2CBF1262F	MV3872 CONTROL CIRCUIT	DUCT	36179B*	E-337, 342			
00327			2CBF1262G	MV3872 CONTROL CIRCUIT	DUCT	36176B*	E-337			
00340			2CBF1262G	MV3872 CONTROL CIRCUIT	DUCT	36182B*	E-337			
00345			2CBF1262H	MV3872 CONTROL CIRCUIT	DUCT	36176B*	E-337			
00351			2CBF1262H	MV3872 CONTROL CIRCUIT	DUCT	36179B*	E-337, 342			
00356			2CBF1262H	MV3872 CONTROL CIRCUIT	DUCT	36176B*	E-337			
00365B			2PBF1262A	MV3871 POWER CIRCUIT	DUCT	46005B*	E-333,337,342			
00654A			AF6451		2CLC6451J	AF6451 CONTROL CIRCUIT	DUCT	36179B*	E-337, 342	
00664A	2CLC6451K	AF6451 CONTROL CIRCUIT			DUCT	36179B*	E-337, 342			
00826	AF6452		1CLC6452D	AF6452 CONTROL CIRCUIT	DUCT	36090B*	E-338, 342			
00862			1CLC6452J	AF6452 CONTROL CIRCUIT	DUCT	36091B*	E-337			
00870B			1CLC6452K	AF6452 CONTROL CIRCUIT	DUCT	36091B*	E-337			
00809			1LLC6452E	AF6452 CONTROL CIRCUIT	DUCT	36081B*	E-338			
00843			1LLC6452E	AF6452 CONTROL CIRCUIT	DUCT	36081B*	E-337, 342			
00837			1LLC6452G	AF6452 CONTROL CIRCUIT	DUCT	36081B*	E-337, 342			
01021			FW6459		1CLC6459B	FW6459 CONTROL CIRCUIT	DUCT	36090B*	E-342	
01005	1CLC6459H	FW6459 CONTROL CIRCUIT			DUCT	36090B*	E-342			
01051	1LLC6459A	FW6459 CONTROL CIRCUIT			DUCT	36081B*	E-342			
01035	1LLC6459C	FW6459 CONTROL CIRCUIT			DUCT	36081B*	E-342			
01202	ICS038A		2CAFPPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	DUCT	36182B*	E-337, 342			
01231			2CAFPPT02M	ICS038A 24V DC POWER C3630 TO JT2704	DUCT	36182B*	E-337, 342			
01247			2CAFPPT02P	ICS038A CONTROL CIRCUIT	DUCT	36179B*	E-338, 337, 342			
01302	ICS038B		1CAFPPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	DUCT	36091B*	E-337			
01320			1CAFPPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	DUCT	36083B*	E-337			
01338			1CAFPPT01M	ICS038B 24V DC POWER C3630 TO JT2703	DUCT	36088B*	E-337			
01353			1CAFPPT01P	ICS038B CONTROL CIRCUIT	DUCT	36088B*	E-338			
01405	MS106		1CD135B	MS106 CONTROL CIRCUIT	DUCT	36098E*	E-310, 304, 340			
01407			1CD135B	MS106 CONTROL CIRCUIT	DUCT	36098D*	E-329, 310			
01409			1CD135B	MS106 CONTROL CIRCUIT	DUCT	36098C*	E-329			
01410			1CD135B	MS106 CONTROL CIRCUIT	DUCT	36098B*	E-337, 329			
01415			1CD135B	MS106 CONTROL CIRCUIT	DUCT	36041B*	E-337, 341			
01461			1CD135H	MV106 CONTROL CIRCUIT	DUCT	36085B*	E-337, 342			
01508			1CD135L	MV106 CONTROL CIRCUIT	DUCT	36085B*	E-337, 342			
01707			MS106A		1CBE1271B	MV106A CONTROL CIRCUIT	DUCT	36096E*	E-310, 340	
01709					1CBE1271B	MV106A CONTROL CIRCUIT	DUCT	36096D*	E-304, 310, 329	
01711					1CBE1271B	MV106A CONTROL CIRCUIT	DUCT	36096C*	E-329	
01712	1CBE1271B	MV106A CONTROL CIRCUIT			DUCT	36096B*	E-337, 329			
01724A	1CBE1271G	MS106A CONTROL CIRCUIT			DUCT	36096B*	E-337, 338			
01725	1CBE1271G	MS106A CONTROL CIRCUIT			DUCT	36096C*	E-329			
01727	1CBE1271G	MS106A CONTROL CIRCUIT			DUCT	36096D*	E-304, 310, 329			
01729	1CBE1271G	MS106A CONTROL CIRCUIT			DUCT	36096E*	E-310, 340			
01746	1CBE1271H	MV106A CONTROL CIRCUIT			DUCT	36096E*	E-310, 340			
01748	1CBE1271H	MV106A CONTROL CIRCUIT			DUCT	36096D*	E-304, 310, 329			
01750	1CBE1271H	MV106A CONTROL CIRCUIT			DUCT	36096C*	E-329			
01751	1CBE1271H	MV106A CONTROL CIRCUIT			DUCT	36096B*	E-337, 329			
01755	1CBE1271J	MV106A CONTROL CIRCUIT			DUCT	36096E*	E-310, 340			
01765	1CBE1271J	MV106A CONTROL CIRCUIT			DUCT	36096D*	E-329			
01767	1CBE1271J	MV106A CONTROL CIRCUIT			DUCT	36096C*	E-329			
01768	1CBE1271J	MV106A CONTROL CIRCUIT	DUCT	36096B*	E-337, 329					
01792	1CBE1271L	MV106A CONTROL CIRCUIT	DUCT	36096E*	E-310, 340					
01794	1CBE1271L	MV106A CONTROL CIRCUIT	DUCT	36096D*	E-304, 310, 329					
01796	1CBE1271L	MV106A CONTROL CIRCUIT	DUCT	36096C*	E-329					
01797	1CBE1271L	MV106A CONTROL CIRCUIT	DUCT	36096B*	E-337, 329					
02438	P241		BPAD210H	MP2410 CONTROL CIRCUIT	DUCT	36125A*	E-337, 342			
18919	CCWS	CC2645	1CBE1161G	MV2645 CONTROL CIRCUIT	DUCT	36083B*	E-337			
18934			1CBE1161I	MV2645 CONTROL CIRCUIT	DUCT	36086B*	E-337, 342			
18957E			1CCCW001B	MV2645 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339			
18968E			1CCCW001C	MV2645 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339			
19117	CC2649		2CBF1161G	MV2649 CONTROL CIRCUIT	DUCT	36192B*	E-337			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
19142	CCWS	CC2649	2CBF1161I	MV2649 CONTROL CIRCUIT	DUCT	36187B*	E-337, 342	
19171E			2CCCW002B	MV2649 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
19181E			2CCCW002C	MV2649 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
19706	CC5095	CC5095	1CBE1226B	MV5095 CONTROL CIRCUIT	DUCT	36090B*	E-337, 342	
19745			1CBE1226I	MV5095 CONTROL CIRCUIT	DUCT	36090B*	E-337, 342	
19773E			1CCCW001B	MV5095 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
19784E			1CCCW001C	MV5095 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
19945	CC5096	CC5096	2CBF1106I	MV5096 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
19975E			2CCCW002B	MV5096 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
19985E			2CCCW002C	MV5096 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
20108	CC5097	CC5097	1CBE1227B	MV5097 CONTROL CIRCUIT	DUCT	36090B*	E-337, 342	
20147			1CBE1227I	MV5097 CONTROL CIRCUIT	DUCT	36090B*	E-337, 342	
20171E			1CCCW001B	MV5097 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
20187E			1CCCW001C	MV5097 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
20348	CC5098	CC5098	2CBF1119I	MV5098 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
20371			2CCCW002B	MV5098 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
20380			2CCCW002C	MV5098 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
26825G	FIS1427C		1CD1P23A	CONTROL POWER TO JT3720	DUCT	36090B*	E-337, 342	
26826G	FIS1432C		1CD1P23A	CONTROL POWER TO JT3720	DUCT	36090B*	E-337, 342	
20510	P43-1	P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
20527			1CAC113C	MP0431 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
20552			1CAC113E	MP0431 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
20594			1CAC113O	MP0431 CONTROL CIRCUIT	DUCT	36040B*	E-341, 337	
20608E			1CCCW001B	MP0431 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
20619E			1CCCW001C	MP0431 CONTROL CIRCUIT	DUCT	36010B*	E-337, 339	
20625B			1PAC113A	MP0431 POWER CIRCUIT	DUCT	36011A*	E-337, 339	
20709	P43-2	P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
20724			2CAD113C	MP0432 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
20745			2CAD113E	MP0432 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
20784			2CAD113O	MP0432 CONTROL CIRCUIT	DUCT	36170B*	E-337	
20797E			2CCCW002B	MP0432 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
20807E			2CCCW002C	MP0432 CONTROL CIRCUIT	DUCT	36110B*	E-337, 339	
20812			2PAD113A	MP0432 CONTROL CIRCUIT	DUCT	36111A*	E-339, 337	
20910	P43-3	P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
20927			1CAC108C	MP0433 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
20997			1CAC108H	MP0433 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
21014			1CAC108I	MP0433 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
21024			1CAC108J	MP0433 CONTROL CIRCUIT	DUCT	36040B*	E-337	
21037			1CAC108K	MP0433 CONTROL CIRCUIT	DUCT	36090B*	E-337, 342	
21068			1CACD2C	MP0433 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
21105			2CACD3C	MP0433 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
21123			2CAD108B	MP0433 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
21138			2CAD108C	MP0433 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
21191			2CAD108H	MP0433 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
21206			2CAD108I	MP0433 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
21215			2CAD108J	MP0433 CONTROL CIRCUIT	DUCT	36170B*	E-337	
21228E			2CAD108K	MP0433 CONTROL CIRCUIT	DUCT	36204B*	E-337, 339	
21245			3PACD1A	MP0433 POWER CIRCUIT	DUCT	36203A*	E-337, 339	
21725	CREVS	S33-1	1CCEAC1C	MS3311 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
22119	CSS	P56-1	1CBE111D	MP0561 CONTROL CIRCUIT	DUCT	46014B*	E-337	
22139			1CBE111F	MP0561 CONTROL CIRCUIT	DUCT	46014B*	E-337	
22145			1PBE111A	MP0561 POWER CIRCUIT	DUCT	46013B*	E-337	
22218	P56-2	P56-2	2CBF111D	MP0562 CONTROL CIRCUIT	DUCT	46114B*	E-337, 342	
22240			2PBF111A	MP0562 POWER CIRCUIT	DUCT	46113B*	E-337, 342	
24309	DHRS	P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	DUCT	36086B*	E-337	
24324			1CAC112C	MP0421 CONTROL CIRCUIT	DUCT	36068B*	E-337, 339	
24334			1CAC112E	MP0421 CONTROL CIRCUIT	DUCT	36008A*	E-337	
24357			1PAC112A	MP0421 POWER CIRCUIT	DUCT	36009A*	E-337	
24408	P42-2	P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	DUCT	36178B*	E-337, 342	
24422			2CAD112C	MP0422 CONTROL CIRCUIT	DUCT	36178B*	E-337, 342	
24432			2CAD112E	MP0422 CONTROL CIRCUIT	DUCT	36108A*	E-337	
24444			2CAD112F	MP0422 CONTROL CIRCUIT	DUCT	36178B*	E-337, 342	
24450			2PAD112A	MP0422 POWER CIRCUIT	DUCT	36109A*	E-337	
24512	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	DUCT	36086B*	E-337, 342	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
24518	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	DUCT	36075B*	E-337, 341		
24531			1CGD104C	SV 1147A/B CONTROL CIRCUIT	DUCT	36086B*	E-337, 342		
24537						DUCT	36075B*	E-337, 341	
24550			1CGD104E	SV1147A/B CONTROL CIRCUIT	DUCT	36091B*	E-337, 342		
24558					DUCT	36041B*	E-337, 341		
24611	DA1148A/B		2CGD204B	SV1148A/B CONTROL CIRCUIT	DUCT	36178B*	E-337, 342		
24617					DUCT	36175B*	E-337		
24629			2CGD204C	SV1148A/B CONTROL CIRCUIT	DUCT	36178B*	E-337, 342		
24635					DUCT	36175B*	E-337		
24650			2CGD204E	SV1148A/B CONTROL CIRCUIT	DUCT	36178B*	E-337, 342		
24656					DUCT	36176B*	E-337		
24716	K5-1		1CGD101G	EDG 1-1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341		
24731			1CGD101J	EDG 1-1 CONTROL CIRCUIT	DUCT	36040B*	E-337		
24736			1CGD101K	EDG 1-1 CONTROL CIRCUIT	DUCT	36505A*	E-337, 341		
24740					DUCT	36040B*	E-337, 341		
24754			1CGD101L	EDG 1-1 CONTROL CIRCUIT	DUCT	36083B*	E-337		
24759					DUCT	36075B*	E-337, 341		
24772			1CGD101N	EDG 1-1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342		
24777					DUCT	36075B*	E-337, 341		
24791			1CGD102A	EDG 1-1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341		
25851			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341		
25860			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341		
25874			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342		
25880					DUCT	36075B*	E-337		
25884			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342		
25899					DUCT	36075B*	E-337		
25908			1CGD103G	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341		
25912I			1CGD103I	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36075B*	E-338		
24820			1CGD105A	EDG 1-1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342		
24826					DUCT	36075B*	E-337, 341		
24848			1CGD106A	EDG 1-1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342		
24854			DUCT	36075B*	E-337, 341				
24881F	1CGD108A	FIELD FLASH/SHORTING CIRCUITS	DUCT	36041B*	E-337				
24915	K5-2		2CGD201G	EDG 1-2 CONTROL CIRCUIT	DUCT	36170B*	E-337		
24928			2CGD201J	EDG 1-2 CONTROL CIRCUIT	DUCT	36170B*	E-337		
24935			2CGD201K	EDG 1-2 CONTROL CIRCUIT	DUCT	36170B*	E-337		
24947			2CGD201L	EDG 1-2 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342		
24952					DUCT	36170B*	E-337		
24965			2CGD201N	EDG 1-2 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342		
24970					DUCT	36175B*	E-337		
24983			2CGD202A	EDG 1-2 CONTROL CIRCUIT	DUCT	36170B*	E-337		
25007			2CGD205A	EDG 1-2 CONTROL CIRCUIT	DUCT	36178B*	E-337, 342		
25016					DUCT	36175B*	E-337		
25037			2CGD206A	EDG 1-2 CONTROL CIRCUIT	DUCT	36178B*	E-337, 342		
25043					DUCT	36175B*	E-337		
25075E	2CGD208A	FIELD FLASH/SHORTING CIRCUITS	DUCT	36176B*	E-337				
25100	P195-1		1CBEL298B	MP1951 CONTROL CIRCUIT	DUCT	30184A*	E-304, 437-2		
25102					DUCT	30184B*	E-304, 437-2		
25104					DUCT	30184C*	E-304, 437-2		
25106					DUCT	30184D*	E-304, 437-2		
25128			1PBEL298A	MP1951 POWER CIRCUIT	DUCT	30185A*	E-304, 437-2		
25130					DUCT	30185B*	E-304, 437-2		
25132			DUCT	30185C*	E-304, 437-2				
25134			DUCT	30185D*	E-304, 437-2				
25200	P195-2		2CBF1230B	MP1952 CONTROL CIRCUIT	DUCT	30181A*	E-304, 437-2		
25202					DUCT	30181B*	E-304, 437-2		
25204					DUCT	30187C*	E-304, 437-2		
25206					DUCT	30187D*	E-304, 437-2		
25239			2CBF1230E	MP1952 CONTROL CIRCUIT	DUCT	36176B*	E-337		
25246			2PBF1230A	MP1952 POWER CIRCUIT	DUCT	30182B*	E-304, 437-2		
25247					DUCT	30182A*	E-304, 437-2		
25250					DUCT	30182C*	E-304, 437-2		
25252			DUCT	30182D*	E-304, 437-2				
25295C	P8-1		ACBE1257B	MP8-1 CONTROL CIRCUIT	DUCT	36068B*	E-337		
25295D					DUCT	36068C*	E-304		
25295O			ACBE1257D	MP8-1 CONTROL CIRCUIT	DUCT	36086B*	E-337		
25295P					DUCT	36086C*	E-304		
25296G			ACBE1257I	MP8-1 CONTROL CIRCUIT	DUCT	36043B*	E-338		
25296S					DUCT	24002B*	E-308		
25297A			ACBE1257L	MP8-1 CONTROL CIRCUIT	DUCT	36043B*	E-338		
25297M					DUCT	24002B*	E-308		
25278A			APBE1257A	DO XFER PUMP 1	DUCT	36069B*	E-319		
25278G			DUCT	36069A*	E-337, 342				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25709	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	DUCT	36079B*	E-337	
25719			1CABDC1D	ABDC1 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341	
25729			1CABDC1L	ABDC1 CONTROL CIRCUIT	DUCT	36079B*	E-337	
25749			1CAC101C	AC101 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
25765			1CAC101D	AC101 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
25777			1CAC101F	AC101 CONTROL CIRCUIT	DUCT	36040B*	E-337	
25786			1CAC101G	AC101 CONTROL CIRCUIT	DUCT	36075B*	E-337	
25804			1CAC1033A	SWGR C1 CONTROL	DUCT	36083B*	E-337	
25819			1CAC1033B	SWGR C1 CONTROL	DUCT	36083B*	E-337, 342	
25837			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36084B*	E-337, 342	
25916			1PAC101A	AC101 POWER CIRCUIT	DUCT	36001B*	E-337	
25921			1PAC101B	AC101 POWER CIRCUIT	DUCT	36003B*	E-337	
26009		C2	1CAC110C	AC110 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
26020			1CAC110D	AC110 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341	
25964			ACACCC2D	BACKFEED CONTROL CIRCUIT E34B/1	DUCT	36043B*	E-337	
26044			ACAC2032C	SWGR C2 CONTROL CIRCUIT	DUCT	36043B*	E-337, 341	
26512B		C3615	1PD1P09A	CONTROL POWER TO DGLY PANEL C3615	DUCT	36076B*	E-337	
31904			1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	DUCT	36076B*	E-337	
26507			3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	DUCT	36002B*	E-337	
32409			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	DUCT	36002B*	E-337	
32036		C4808	1CY108AA	CONTROL POWER FROM Y1A	DUCT	36080B*	E-337	
31875		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	DUCT	36086B*	E-337, 342	
26209		D1	2CAACD1C	AACD1 CONTROL CIRCUIT	DUCT	36192B*	E-337	
26218			2CAACD1D	AACD1 CONTROL CIRCUIT	DUCT	36170B*	E-337	
26231			2CAACD1L	AACD1 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
26245			2CAD101C	AD101 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
26260			2CAD101D	AD101 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
26269			2CAD101F	AD101 CONTROL CIRCUIT	DUCT	36175B*	E-337	
26276			2CAD101G	AD101 CONTROL CIRCUIT	DUCT	36175B*	E-337	
26292			2CAD1033A	SWGR D1 CONTROL CIRCUIT	DUCT	36186B*	E-337	
26306			2CAD1033B	SWGR D1 CONTROL CIRCUIT	DUCT	36186B*	E-337	
26322			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36179B*	E-337, 342	
26334			2CGD203C	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36170B*	E-337	
26341			2CGD203D	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36170B*	E-337	
26354			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
26360					DUCT	36175B*	E-337	
26373			2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
26379					DUCT	36175B*	E-337	
26386			2CGD203G	27/D1, 27A/D1 CONTROL CIRCUIT	DUCT	36176B*	E-337	
26389H			2CGD203I	27/C2, 27A/C2 CONTROL CIRCUIT	DUCT	36175B*	E-338	
26392			2PAD101A	AD101 POWER CIRCUIT	DUCT	36101B*	E-337	
26396			2PAD101B	AD101 POWER CIRCUIT	DUCT	36103B*	E-337	
27009		D2	2CAD110C	AD110 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
27017			2CAD110D	AD110 CONTROL CIRCUIT	DUCT	36170B*	E-337	
27051D			BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7	DUCT	36171B*	E-337	
27040			BCAD2032C	SWGR D2 CONTROL CIRCUIT	DUCT	36102B*	E-337	
28609		E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
28632			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
28648			1CAC12CED	AC1CE12 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
28672			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	DUCT	36080B*	E-337, 342	
28801G		E11A	1PBE107A	BE107 POWER CIRCUIT	DUCT	46158B*	E-337, 333, 342	
28805E			1PBE107B	BE107 POWER CIRCUIT	DUCT	46008B*	E-333, 337, 334	
29402		E12B	1PBE109B	BE109 POWER CIRCUIT	DUCT	36071B*	E-337, 341	
29502		E12C	1PBE1202A	BE1202 POWER CIRCUIT	DUCT	36058D*	E-304, 360	
29504					DUCT	36058C*	E-304, 360	
29505					DUCT	36058B*	E-305, 307, 337	
30309		F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
30330			2CAD11DFE	AD1DF11 CONTROL CIRCUIT	DUCT	36186B*	E-337, 342	
30345			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
30366			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
31202		F12C	2PBF1202A	BF1202 POWER CIRCUIT	DUCT	36158D*	E-304, 360	
31204					DUCT	36158C*	E-307, 305	
31205					DUCT	36158B*	E-337, 341	
26641		RC3601	1CD1P21B	CONTROL POWER TO RC3601	DUCT	36082B*	E-337, 342	
26752		RC3607	1CD1P21B	CONTROL POWER TO RC3601	DUCT	36082B*	E-337, 342	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26941	ESSPWR	RC3701	1CD1P21B	CONTROL POWER TO RC3601	DUCT	36082B*	E-337, 342	
26821		ZC6452	1CD1P13A	CONTROL POWER TO AF6452	DUCT	36090B*	E-338	
26523		ZC6459	1CD1N16A	CONTROL POWER TO AF6459	DUCT	36090B*	E-342	
34409	HPIS	P197-1	1CBEL296C	MP1971 CONTROL CIRCUIT	DUCT	36084B*	E-337	
34807		P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	DUCT	36091B*	E-337, 342	
34822			1CAC111C	MP0581 CONTROL CIRCUIT	DUCT	36091B*	E-337, 342	
34833			1CAC111E	MP0581 CONTROL CIRCUIT	DUCT	36006A*	E-337	
34845			1CAC111F	MP0581 CONTROL CIRCUIT	DUCT	36091B*	E-337	
34854A			1PAC111A	MP0581 POWER CIRCUIT	DUCT	36007A*	E-337	
34909		P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
34924			2CAD111C	MP0582 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
34932			2CAD111E	MP0582 CONTROL CIRCUIT	DUCT	36106A*	E-337	
34947			2CAD111F	MP0582 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
34953			2PAD111A	MP0582 POWER CIRCUIT	DUCT	36107A*	E-337	
36022	HVAC	C71-1	1CBEL217E	MC0711 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
36106		C73-1	1CBEL222B	MC0731 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
36117			1CBEL222C	MC0731 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
36131			1PBE1222A	MC0731 POWER CIRCUIT	DUCT	36092B*	E-337, 342	
36203		C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
36217			2CBF1205C	MC0732 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
36232B			2PBF1205A	MC0732 POWER CIRCUIT	DUCT	46005B*	E-333, 337, 342	
36510		C78-1	1CBEL285B	MC0781 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341	
36523			1CBEL285C	MC0781 CONTROL CIRCUIT	DUCT	36040B*	E-337, 341	
36534			1PBE1285A	MC0781 POWER CIRCUIT	DUCT	36042B*	E-337, 341	
36610		C78-2	2CBF1259B	MC0782 CONTROL CIRCUIT	DUCT	36175B*	E-337	
37306		HV5305	1CYE104B	MV5305 CONTROL CIRCUIT	DUCT	36075B*	E-337	
37608		HV5314	2CYF104B	MV5314 CONTROL CIRCUIT	DUCT	36176B*	E-337	
39015		HV5597	1CBEL208I	MV5597 CONTROL CIRCUIT	DUCT	36041B*	E-337, 341	
44076G	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	DUCT	36084B*	E-339	3 A
44603		P37-1	1CAC105J	MP0371A CONTROL CIRCUIT	DUCT	36075B*	E-337	
44675			1PAC105A	MP0371A POWER CIRCUIT	DUCT	36031B*	E-333	
44628E			ACAC105D	MP0371A CONTROL POWER	DUCT	36032B*	E-333, 337	
44634E			ACAC105E	MP0371A CONTROL CIRCUIT	DUCT	36032B*	E-333, 337	
44642E			ACAC105F	MP0371A CONTROL CIRCUIT	DUCT	36032B*	E-333, 337	
44704		P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	DUCT	36176B*	E-337	
44809D			2PAD105A	MP0372A POWER CIRCUIT	DUCT	36131B*	E-333, 337	
44744E			BCAD105E	MP0372A CONTROL CIRCUIT	DUCT	36132B*	E-333, 337	
44752E			BCAD105F	MP0372A CONTROL CIRCUIT	DUCT	36132B*	E-333, 337	
45804	NNI	FYI-HP03A	2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	DUCT	36207B*	E-337, 342	
45906		FYI-HP03A1	2LHP03AA	FYIHP03A1 FLOW INDICATION CIRCUIT	DUCT	36207B*	E-337, 342	
46001		FYI-HP03B	2LHP03BA	FYIHP03B FLOW INDICATION CIRCUIT	DUCT	36207B*	E-337, 342	
46103		FYI-HP03B1	2LHP03BA	FYIHP03B1 FLOW INDICATION CIRCUIT	DUCT	36207B*	E-337, 342	
57412	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	DUCT	36189B*	E-337	
57511		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	DUCT	36182B*	E-337, 342	
57608		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	DUCT	36082B*	E-337	
57709		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	DUCT	36090B*	E-337	
60409		RCPM1	1CRCPM11B	RCP MONITOR	DUCT	36082B*	E-337	
60508		RCPM2	2CRCPM21B	RCP MONITOR	DUCT	36189B*	E-337	
60609		RCPM3	1CRCPM31B	RCP MONITOR	DUCT	36090B*	E-337	
60711		RCPM4	2CRCPM41B	RCP MONITOR	DUCT	36182B*	E-337, 342	
60920	SWS	P180	APAC201A	AP1800 CONTROL CIRCUIT	DUCT	36012C*	E-304, 360	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60922	SWS	P180	APAC201A	AP1800 CONTROL CIRCUIT	DUCT	36012B*	E-305, 307	
60922A					DUCT	36012A*	E-337, 341	
61009		P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61025			1CAC107C	MP0031 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61037			1CAC107E	MP0031 CONTROL CIRCUIT	DUCT	36004D*	E-326, 360	
61039					DUCT	36004C*	E-337, 342	
61053			1CAC107F	MP0031 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61067			1PAC107A	MP0031 POWER CIRCUIT	DUCT	36005C*	E-304, 360	
61069					DUCT	36005B*	E-305, 307	
61107		P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61120			2CAD107C	MP0032 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61132			2CAD107E	MP0032 CONTROL CIRCUIT	DUCT	36104D*	E-304, 360	
61134					DUCT	36104C*	E-305, 307	
61135					DUCT	36104B*	E-337, 342	
61146			2CAD107F	MP0032 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61158			2PAD107A	MP0032 POWER CIRCUIT	DUCT	36105C*	E-304, 360	
61160					DUCT	36105B*	E-307, 305	
61209		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61225			1CAC109C	MP0033 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61241			1CAC109D	MP0033 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
61258			1CAC109F	MP0033 CONTROL CIRCUIT	DUCT	36004D*	E-326, 360	
61260					DUCT	36004C*	E-337, 342	
61285			1CACD4E	MP0033 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
61307			2CACD5E	MP0033 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
61320			2CAD109B	MP0033 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61333			2CAD109C	MP0033 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61346			2CAD109D	MP0033 CONTROL CIRCUIT	DUCT	36191B*	E-337, 342	
61362			2CAD109F	MP0033 CONTROL CIRCUIT	DUCT	36104D*	E-304, 360	
61364					DUCT	36104C*	E-307, 305	
61365					DUCT	36104B*	E-337, 342	
61378			3PACD6A	MP0033 POWER CIRCUIT	DUCT	36201C*	E-304, 360	
61380					DUCT	36201B*	E-307, 305	
61526		SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
62402		SW1382	1CBEL218B	MV1382 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
62424			1CBEL218F	MV1382 CONTROL CIRCUIT	DUCT	36082B*	E-337, 342	
62444			1CBEL218H	MV1382 CONTROL CIRCUIT	DUCT	36085B*	E-337, 342	
62457			1CBEL218I	MV1382 CONTROL CIRCUIT	DUCT	36085B*	E-337, 342	
62502			1PBE1218A	MV1382 POWER CIRCUIT	DUCT	36092B*	E-337	
62623		SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	DUCT	36178B*	E-342, 337	
62638			2CBF1177H	MV1383 CONTROL CIRCUIT	DUCT	36187B*	E-342, 337	
62713			2CSD04A	MV1383 CONTROL CIRCUIT	DUCT	36178B*	E-342, 337	
62815		SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	DUCT	36189B*	E-337	
62820					DUCT	36104B*	E-337, 342	
62821					DUCT	36104C*	E-305, 307	
62823					DUCT	36104D*	E-304, 360	
62831			2CBF1277G	MV1395 CONTROL CIRCUIT	DUCT	36189B*	E-337	
62836					DUCT	36104B*	E-337, 342	
62837					DUCT	36104C*	E-305, 307	
62847					DUCT	36202D*	E-360	
62916		SW1399	1CBEL277E	MV1399 CONTROL CIRCUIT	DUCT	36079B*	E-337	
62922					DUCT	36004B*	E-337, 342	
62923					DUCT	36004C*	E-337, 342	
62925					DUCT	36004D*	E-326, 360	
62933			1CBEL277G	MV1399 CONTROL CIRCUIT	DUCT	36079B*	E-337	
62939					DUCT	36004B*	E-337, 342	
62940					DUCT	36004C*	E-337, 342	
62950					DUCT	36004D*	E-326, 360	
63110		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	DUCT	36091B*	E-337, 342	
63142			2CV1429B	SV1429 CONTROL CIRCUIT	DUCT	36179B*	E-337, 342	
63173			3CV1429A	SV1429 CONTROL CIRCUIT	DUCT	36205B*	E-337, 342	
63181			3CV1429B	SV1429 CONTROL CIRCUIT	DUCT	36205B*	E-337, 342	
63617		SW2929	1CBEL281F	MV2929 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
63624					DUCT	36004B*	E-337, 342	
63625					DUCT	36004C*	E-337, 342	
63627					DUCT	36004D*	E-360, 326	
63718		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
63725					DUCT	36104C*	E-305, 307	
63727					DUCT	36104D*	E-304, 360	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
63817	SWS	SW2931	1CBB1282F	MV2931 CONTROL CIRCUIT	DUCT	36079B*	E-337, 342	
63825					DUCT	36004C*	E-337, 342	
63827					DUCT	36004D*	E-360, 326	
63918	SWS	SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	DUCT	36189B*	E-337, 342	
63924					DUCT	36104B*	E-337, 342	
63925					DUCT	36104C*	E-305, 307	
63927					DUCT	36202D*	E-360, 304	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00001	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00002					E	1CEB	E-335	
00021			1CBE1146C	MV3869 CONTROL CIRCUIT	E	27092A	E-335	
00021A					E	27092C	E-335	
00022			1CBE1146D	MV3869 CONTROL CIRCUIT	E	Nipple	E-335	
00046			1CBE1146H	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00047					E	1CEB	E-335	
00072			1PBE1146A	MV3869 POWER CIRCUIT	E	48257A	E-335	
00077			EV3869	MV3869 TERMINAL BOX (CH. 1)	E		E-335	
00078			MV3869	AFW PUMP 1-1 DISCH TO SG 2 (CH. 1)	E		E-335	
00079			MV3869	MV3869 LOCAL CONTROLLER (CH. 1)	E		E-335	
00100		AF3870	1CD107B	MV3870 CONTROL CIRCUIT	E	27096A	E-335	
00101					E	1CEB	E-335	
00111			1CD107C	MV3870 CONTROL CIRCUIT	E	27093A	E-335	
00112			1CD107D	MV3870 CONTROL CIRCUIT	E	Nipple	E-335	
00118			1CD107E	MV3870 CONTROL CIRCUIT	E	1CEB	E-335	
00147			1PD107A	MV3870 POWER CIRCUIT	E	46006E	E-335	
00154			1PD107H	MV3870 POWER CIRCUIT	E	46006F	E-335	
00159			EV3869	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00160			JT2750	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00161			MV3870	AFW PUMP 1-1 DISCH TO SG 1 (CH. 1)	E		E-335	
00162			MV3870	MV3870 LOCAL CONTROLLER (CH. 1)	E		E-335	
00827		AF6452	1CLC6452D	AF6452 CONTROL CIRCUIT	E	1CEC	E-335	
00828					E	27892A	E-335	
00829					E	27892B	E-335	
00830					E	27892C	E-335	
00831					E	27892E	E-335	
00832					E	JB27A1	E-335	
00833					E	FLEX	E-335	
00848			1CLC6452I	AF6452 CONTROL CIRCUIT	E	27892D	E-335	
00849					E	27892B	E-335	
00850					E	27202C	E-335	
00860			1CLC6452J	AF6452 CONTROL CIRCUIT	E	36091B	E-335, 342	
00863					E	1CEB	E-335	
00864					E	27096A	E-335	
00865					E	EV3869	E-335	
00866					E	27092A	E-335	
00870C			1CLC6452K	AF6452 CONTROL CIRCUIT	E	1CEB	E-335	
00870D					E	27096A	E-335	
00870E					E	EV3869	E-335	
00870F					E	27093A	E-335	
00810			1LLC6452B	AF6452 CONTROL CIRCUIT	E	1LEC	E-335	
00844			1LLC6452E	AF6452 CONTROL CIRCUIT	E	1LEC	E-335	
00845					E	27891A	E-335	
00846			1LLC6452F	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00838			1LLC6452G	AF6452 CONTROL CIRCUIT	E	1LEC	E-335	
00839					E	27891A	E-335	
00847			1LLC6452H	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00894			FV6452	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 1)	E		E-335	
00893			ZC6452	AF6452 SOLENOID VALVE (CH 1)	E		E-335	
00896			ZS38690	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00897			ZS38700	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00892			ZS5889A	AFWP 1 STM ADMISSION VLV INLK (CH 1)	E		E-335	
01022		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	E	1CEC	E-335	
01006			1CLC6459H	FW6459 CONTROL CIRCUIT	E	1CEC	E-335	
01052			1LLC6459A	FW6459 CONTROL CIRCUIT	E	1LEC	E-335	
01036			1LLC6459C	FW6459 CONTROL CIRCUIT	E	1LEC	E-335	
01037					E	27891C	E-335	
01041			1LLC6459E	FW6459 CONTROL CIRCUIT	E	36081B	E-338	
01042					E	1LEC	E-338, 335	
01043					E	27891C	E-335	
01300		ICS038B	1CAFPPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	E	27205A	E-335	
01301					E	1CEB	E-335	
01319			1CAFPPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	E	1CEA	E-335	
01336			1CAFPPT01M	ICS038B 24V DC POWER C3630 TO JT2703	E	27086A	E-335	
01337					E	1CEB	E-335	
01354			1CAFPPT01P	ICS038B CONTROL CIRCUIT	E	1CEB	E-335	
01355					E	27299B	E-335	
01356			1CAFPPT01Q	ICS038B CONTROL CIRCUIT	E	27299A	E-335	
01368			ICS038B	AFPT 1-1 GOVERNOR CTRL VLV (CH. 1)	E		E-335	
01369			JT2703	ICS038B TERMINAL BOX (CH. 1)	E		E-335	
01370			MK0031	ICS038B GOVERNOR VALVE (CH. 1)	E		E-335	
01424		MS106	1CD135F	MV106 CONTROL CIRCUIT	E	27309D	E-335	
01425					E	27309C	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01426	AFWS	MS106	1CD135F	MV106 CONTROL CIRCUIT	E	1CEX	E-335	
01427					E	27300A	E-335	
01428					E	1CEA	E-335	
01429					E	JB2708	E-335	
01430					E	27300B	E-335	
01460			1CD135H	MV106 CONTROL CIRCUIT	E	1CEB	E-335	
01481			1CD135K	MV106 CONTROL CIRCUIT	E	27309E	E-335	
01482					E	1CEX	E-335	
01483					E	27300A	E-335	
01484					E	1CEA	E-335	
01485					E	JB2708	E-335	
01486					E	27300B	E-335	
01507			1CD135L	MV106 CONTROL CIRCUIT	E	1CEB	E-335	
01540			1CD135P	MV106 CONTROL CIRCUIT	E	27309A	E-335	
01541					E	27309C	E-335	
01542					E	1CEX	E-335	
01543					E	27300A	E-335	
01544					E	1CEA	E-335	
01545					E	JB2708	E-335	
01546					E	27300B	E-335	
01557			1CD135R	MV106 CONTROL CIRCUIT	E	27309B	E-335	
01558					E	1CEX	E-335	
01559					E	27300A	E-335	
01560					E	1CEA	E-335	
01561					E	JB2708	E-335	
01562					E	27300B	E-335	
01584			1CD135V	MV106 CONTROL CIRCUIT	E	27282A	E-335	
01585					E	1CEB	E-335	
01614			FPS106A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01615			FPS106B	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01616			FPS106C	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01617			FPS106D	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01618			FPSL4930A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01772		MS106A	1CBE1271K	MV106A CONTROL CIRCUIT	E	27283A	E-335	
01773					E	1CEB	E-335	
01813			FPSL4930B	MV106A PRESSURE SWITCH (CH. 1)	E		E-335	
02200		MS5889A	1CV5889AA	SV5889A CIRTRLOL CIRCUIT	E	27189A	E-335	
02201					E	JB27A1	E-335	
02202					E	FLEX	E-335	
02213			1CV5889AB	SV5889A CONTROL CIRCUIT	E	1CEC	E-335	
02214					E	27189B	E-335	
02222			1CV5889AC	SV5889A CONTROL CIRCUIT	E	1CEC	E-335	
02223					E	27189B	E-335	
02224			1CV5889AD	SV5889A CONTROL CIRCUIT	E	27189A	E-335	
02225					E	JB27A1	E-335	
02226					E	FLEX	E-335	
02227			1CV5889AF	SV5889A CONTROL CIRCUIT	E	Nipple	E-335	
02228			1CV5889AG	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02229					E	1CEC	E-335	
02239			1CV5889AH	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02240					E	1CEC	E-335	
02250			1CV5889AJ	SV5889A CONTROL CIRCUIT	E	NIPPLE	E-335	
02253			EV5889A	SV5889A TERMINAL BOX	E		E-335	
02254			NV5889A	SV5889A LOCAL CONTROLLER	E		E-335	
02255			SV5889A	AFWP 1 STEAM ADMISSION SOLENOID VALVE	E		E-335	
02350		P14-1	N/A	TD AUX FW PUMP 1	E	MAN		
18920	CCWS	CC2645	1CBE1161G	MV2645 CONTROL CIRCUIT	E	1CEA	E-335	
18935			1CBE1161I	MV2645 CONTROL CIRCUIT	E	1CEA	E-335	
18957C			1CCCW001B	MV2645 CONTROL CIRCUIT	E	36010B*	E-337, 339	
18968C			1CCCW001C	MV2645 CONTROL CIRCUIT	E	36010B	E-337, 339	
19705		CC5095	1CBE1226B	MV5095 CONTROL CIRCUIT	E	1CEC	E-335	
19746			1CBE1226I	MV5095 CONTROL CIRCUIT	E	1CEC	E-335	
19773C			1CCCW001B	MV5095 CONTROL CIRCUIT	E	36010B*	E-337, 339	
19784C			1CCCW001C	MV5095 CONTROL CIRCUIT	E	36010B*	E-337, 339	
20109		CC5097	1CBE1227B	MV5097 CONTROL CIRCUIT	E	1CEC	E-335	
20141			1CBE1227I	MV5097 CONTROL CIRCUIT	E	1CEC	E-335	
20171C			1CCCW001B	MV5097 CONTROL CIRCUIT	E	36010B*	E-337, 339	
20187C			1CCCW001C	MV5097 CONTROL CIRCUIT	E	36010B*	E-337, 339	
26825F		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	E	1CEA	E-335	
26826F		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	E	1CEA	E-335	
20509		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	E	1CEA	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
20526	CWWS	P43-1	1CAC113C	MP0431 CONTROL CIRCUIT	E	1CEA	E-335	
20551			1CAC113E	MP0431 CONTROL CIRCUIT	E	1CEA	E-335	
20608C			1CCCW001B	MP0431 CONTROL CIRCUIT	E	36010B*	E-337, 339	
20619C			1CCCW001C	MP0431 CONTROL CIRCUIT	E	36010B*	E-337, 339	
20625C			1PAC113A	MP0431 POWER CIRCUIT	E	36011A*	E-337, 339	
20909	P43-3		1CAC108B	MP0433 CONTROL CIRCUIT	E	1CEA	E-335	A
20926			1CAC108C	MP0433 CONTROL CIRCUIT	E	1CEA	E-335	
20996			1CAC108H	MP0433 CONTROL CIRCUIT	E	1CEA	E-335	
21013			1CAC108I	MP0433 CONTROL CIRCUIT	E	1CEA	E-335	
21036			1CAC108K	MP0433 CONTROL CIRCUIT	E	1CEC	E-335	
21067			1CACD2C	MP0433 CONTROL CIRCUIT	E	1CEA	E-335	
21724	CREVS	S33-1	1CCBAC1C	MS3311 CONTROL CIRCUIT	E	1CEB	E-335	
24308	DHRS	P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	E	1CEA	E-335	
24323			1CAC112C	MP0421 CONTROL CIRCUIT	E	1CEA	E-335	
24346			1CAC112F	MP0421 CONTROL CIRCUIT	E	1CEA	E-335	
24511	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	E	1CEA	E-335	
24530			1CGD104C	SV 1147A/B CONTROL CIRCUIT	E	1CEA	E-335	
24549			1CGD104E	SV1147A/B CONTROL CIRCUIT	E	1CEB	E-335	
24753	K5-1		1CGD101L	EDG 1-1 CONTROL CIRCUIT	E	1CEA	E-335	
24771			1CGD101N	EDG 1-1 CONTROL CIRCUIT	E	1CEA	E-335	
25873			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	E	1CEA	E-335	
25893			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	E	1CEA	E-335	
24819			1CGD105A	EDG 1-1 CONTROL CIRCUIT	E	1CEA	E-335	
24847			1CGD106A	EDG 1-1 CONTROL CIRCUIT	E	1CEA	E-335	
25708	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	E	1CEB	E-332	
25728			1CABDC1L	ABDC1 CONTROL CIRCUIT	E	1CEB	E-332	
25748			1CAC101C	AC101 CONTROL CIRCUIT	E	1CEA	E-335	
25764			1CAC101D	AC101 CONTROL CIRCUIT	E	1CEA	E-335	
25803			1CAC1033A	SWGR C1 CONTROL	E	1CEA	E-335	
25818		1CAC1033B	SWGR C1 CONTROL	E	1CEA	E-335		
25836		1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	E	1CEC	E-335		
26008		C2	1CAC110C	AC110 CONTROL CIRCUIT	E	1CEB	E-335	
32037		C4808	1CY108AA	CONTROL POWER FROM Y1A	E	1CEA	E-335	
31874		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	E	1CEA	E-335	
28608	E1		1CAC11CED	AC1CE11 CONTROL CIRCUIT	E	1CEA	E-335	
28631			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	E	1CEA	E-335	
28647			1CAC12CED	AC1CE12 CONTROL CIRCUIT	E	1CEA	E-335	
28671			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	E	1CEA	E-335	
26640	RC3601	1CD1P21B	CONTROL POWER TO RC3601	E	1CEB	E-335		
26751	RC3607	1CD1P21B	CONTROL POWER TO RC3601	E	1CEB	E-335		
26940	RC3701	1CD1P21B	CONTROL POWER TO RC3601	E	1CEB	E-335		
26822	ZC6452		1CD1P13A	CONTROL POWER TO AF6452	E	1CEC	E-335	
26823					E	27892A	E-335	
26824					E	27892D	E-335	
26524	ZC6459		1CD1N16A	CONTROL POWER TO AF6459	E	1CEC	E-335	
26525					E	24223C	E-308	
34410	HPIS	P197-1	1CBEB1296C	MP1971 CONTROL CIRCUIT	E	1CEC	E-335	
34806	P58-1		1CAC111B	MP0581 CONTROL CIRCUIT	E	1CEB	E-335	
34821			1CAC111C	MP0581 CONTROL CIRCUIT	E	1CEB	E-335	
34843			1CAC111F	MP0581 CONTROL CIRCUIT	E	1CEB	E-335	
34844					E	36091B	E-335, 342	
36021	HVAC	C71-1	1CBEB1217E	MC0711 CONTROL CIRCUIT	E	1CEB	E-335	
36100	C73-1		1CBEB1222B	MC0731 CONTROL CIRCUIT	E	27309F	E-335	
36101					E	1CEX	E-335	
36102					E	27300A	E-335	
36103					E	JB2708	E-335	
36104					E	1CEA	E-335	
36105					E	27300B	E-335	
36115					1CBEB1222C	MC0731 CONTROL CIRCUIT	E	27300C
36116				E	1CEA	E-335		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36126	HVAC	C73-1	1PBEL222A	MC0731 POWER CIRCUIT	E	27295A	E-335	
36127					E	JB2754	E-335	
36128					E	36092C	E-335	
36129					E	JB2764	E-335	
36130					E	36092B	E-335	
36139			FTS5135	MC0731 TEMPERATURE SWITCH (CH. 1)	E		E-335	
36140			MC0731	AUX FD PUMP RM VENT FAN 1-1 (CH. 1)	E		E-335	
36141			NC0731	MC0731 LOCAL CONTROLLER (CH. 1)	E		E-335	
44076H	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	E	1CEC	E-335	3 A
57607	SFRCS	PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	E	1CEB	E-335	
57708		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	E	1CEC	E-335	
60407		RCPM1	1CRCPM11B	RCP MONITOR	E	36082B	E-335	
60408					E	1CEB	E-335	
60607		RCPM3	1CRCPM31B	RCP MONITOR	E	1CEC	E-335	
60608					E	36090B	E-335	
61008	SWS	P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61024			1CAC107C	MP0031 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61052			1CAC107F	MP0031 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61208		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61224			1CAC109C	MP0033 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61240			1CAC109D	MP0033 CONTROL CIRCUIT	E	1CEB	E-335, 342	
61284			1CACD4E	MP0033 CONTROL CIRCUIT	E	1CEB	E-335, 342	
62400		SW1382	1CBEL218B	MV1382 CONTROL CIRCUIT	E	27269A	E-335	
62401					E	1CEB	E-335	
62411			1CBEL218C	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62412			1CBEL218D	MV1382 CONTROL CIRCUIT	E	Nipple	E-335, 418	
62423			1CBEL218F	MV1382 CONTROL CIRCUIT	E	1CEB	E-335	
62443			1CBEL218H	MV1382 CONTROL CIRCUIT	E	1CEB	E-335	
62456			1CBEL218I	MV1382 CONTROL CIRCUIT	E	1CEB	E-335	
62466			1CPS4928C	MV1382 CONTROL CIRCUIT	E	27263B	E-335	
62467					E	27263A	E-335	
62468					E	1CEC	E-335	
62474			1CPS4928D	MV1382 CONTROL CIRCUIT	E	27263C	E-335	
62475					E	27263A	E-335	
62476					E	1CEC	E-335	
62480			1CPS4928E	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62481					E	1CEB	E-335	
62497			1PBEL218A	MV1382 POWER CIRCUIT	E	27268A	E-335	
62498					E	JB2754	E-335	
62499					E	36092C	E-335	
62500					E	JB2764	E-335	
62501					E	36092B	E-335, 342	
62514			EV1382	MV1382 TERMINAL BOX (CH. 1)	E		E-335, 418	
62515			FPSL4928A	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62516			FPSL4928B	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62517			MV1382	AUX FEEDPUMP 1-1 SUCTION VALVE (CH. 1)	E		E-335	
62518			NV1382	MV1382 LOCAL CONTROLLER (CH. 1)	E		E-335, 418	
62915		SW1399	1CBEL277E	MV1399 CONTROL CIRCUIT	E	1CEB	E-335	
62932			1CBEL277G	MV1399 CONTROL CIRCUIT	E	1CEB	E-335	
63109		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	E	1CEB	E-335	
63616		SW2929	1CBEL281F	MV2929 CONTROL CIRCUIT	E	1CEB	E-342, 335	
63816		SW2931	1CBEL282F	MV2931 CONTROL CIRCUIT	E	1CEB	E-342, 335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01399A	AFWS	MS106	1CD135B	MS106 CONTROL CIRCUIT	EE	58078B	E-417	A
01422			1CD135C	MV106 CONTROL CIRCUIT	EE	58077A	E-417	
01601			1PD135A	MV106 POWER CIRCUIT	EE	46209A	E-417	
01603					EE	46209A	E-414	
01608			1PD135X	MV106 POWER CIRCUIT	EE	46209B	E-417	
01612			EV106	MV106 TERMINAL BOX (CH. 1)	EE		E-417	
01620			MV106	AFPT 1 MN STM INLET ISO VLV (CH. 1)	EE		E-417	
01700		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	EE	57151A	E-414	
01716			1CBE1271C	MV106A CONTROL CIRCUIT	EE	57151B	E-414	
01801			1PBE1271A	MV106 POWER CIRCUIT	EE	FLEX	E-414	
01802					EE	JB5770	E-414	
01803					EE	36239A	E-413,414	
01812			EV106A	MV106A TERMINAL BOX (CH. 1)	EE		E-414	
01814			MV106A	APP SG STM SUPPLY VLV (CH. 1)	EE		E-414	
01900		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	EE	67065A	E-414	
01904B					EE	47064B*	E-344,347,358	
01906			2CBF1124C	MV107 CONTROL CIRCUIT	EE	67150A	E-414	
01986			2CBF1124S	MV107 CONTROL CIRCUIT	EE	57150B	E-417	
01987			2CBF1124T	MV107 CONTROL CIRCUIT (MV107A INTLK)	EE	58000A	E-417	
02018			2PBF1124A	MV107 POWER CIRCUIT	EE	67065B	E-414	
02022A					EE	47063B*	E-344,347,358	
02028			EV107	MV107 TERMINAL BOX (CH. 2)	EE		E-414	
02029			EV107A	MV107 TERMINAL BOX (CH. 2)	EE		E-417	
02044			MV0106A	APP SG STEAM SUPPLY VALVE (INTLK)	EE		E-414	
02043			MV0107A	APP SG STEAM SUPPLY VALVE (INTLK)	EE		E-417	
02035			MV107	AFPT 2 MN STM INLET ISO VLV (CH. 2)	EE		E-414	
02100		MS107A	2CBF1188B	MV107A CONTROL CIRCUIT	EE	48039A	E-417	
02102			2CBF1188C	MV107A CONTROL CIRCUIT	EE	58000A	E-417	
02145			2PBF1188A	MV107A POWER CIRCUIT	EE	48044C	E-417	
02146					EE	48044A	E-417	
02152			EV107A	MV107A TERMINAL BOX (CH. 2)	EE		E-417	
02154			MV107A	APP SG STM SUPPLY VLV (CH. 2)	EE		E-417	
18127	CCWS	CC1411A	1CLR3757A	MV1411A CONTROL CIRCUIT	EE	57070B	E-414	
18128					EE	57070C	E-414	
18129					EE	57070E	E-414	
18138			1CLR3757B	MV1411A CONTROL CIRCUIT	EE	57070D	E-414	
18141					EE	57070E	E-414	
18158			FLSLL3757B	MV1411A LEVEL SWITCH	EE		E-414	
18159			FLSLL3757C	MV1411A LEVEL SWITCH	EE		E-414	
18228		CC1411B	2CLR3758A	MV1411B CONTROL CIRCUIT	EE	57071B	E-414	
18229					EE	57071C	E-414	
18230					EE	57071E	E-414	
18239			2CLR3758B	MV1411B CONTROL CIRCUIT	EE	57071D	E-414	
18240					EE	57071E	E-414	
18257			FLSLL3758B	MV1411B LEVEL SWITCH	EE		E-414	
18258			FLSLL3758C	MV1411B LEVEL SWITCH	EE		E-414	
18300		CC1460	2CSF1724A	SV1460 CONTROL CIRCUIT	EE	57071A	E-414	
18301					EE	57071C	E-414	
18302					EE	57071E	E-414	
18800		CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	EE	57070E	E-414	
18807					EE	57070C	E-414	
18808					EE	57070A	E-414	
18981		CC2645	1CLR3757A	MV2645 CONTROL CIRCUIT	EE	57070E	E-414	
18982					EE	57070C	E-414	
18983					EE	57070B	E-414	
18992			1CLR3757B	MV2645 CONTROL CIRCUIT	EE	57070E	E-414	
18993					EE	57070D	E-414	
19003			FLSLL3757B	MV2645 LEVEL SWITCH	EE		E-414	
19004			FLSLL3757C	MV2645 LEVEL SWITCH	EE		E-414	
19194		CC2649	2CLR3758A	MV2649 CONTROL CIRCUIT	EE	57071E	E-414	
19195					EE	57071C	E-414	
19196					EE	57071B	E-414	
19206			2CLR3758B	MV2649 CONTROL CIRCUIT	EE	57071E	E-414	
19207					EE	57071D	E-414	
19217			FLSLL3758B	MV2649 LEVEL SWITCH	EE		E-414	
19218			FLSLL3758C	MV2649 LEVEL SWITCH	EE		E-414	
19797		CC5095	1CLR3757A	MV5095 CONTROL CIRCUIT	EE	57070E	E-414	
19798					EE	57070C	E-414	
19799					EE	57070B	E-414	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
19808	CCWS	CC5095	1CLR3757B	MV5095 CONTROL CIRCUIT	EE	57070E	E-414	
19809					EE	57070D	E-414	
19826			FLSLL3757B	MV5095 LEVEL SWITCH	EE		E-414	
19827			FLSLL3757C	MV5095 LEVEL SWITCH	EE		E-414	
19998		CC5096	2CLR3758A	MV5096 CONTROL CIRCUIT	EE	57071E	E-414	
19999					EE	57071C	E-414	
20000					EE	57071B	E-414	
20010			2CLR3758B	MV5096 CONTROL CIRCUIT	EE	57071E	E-414	
20011					EE	57071D	E-414	
20025			FLSLL3758B	MV5096 LEVEL SWITCH	EE		E-414	
20026			FLSLL3758C	MV5096 LEVEL SWITCH	EE		E-414	
20190		CC5097	1CLR3757A	MV5097 CONTROL CIRCUIT	EE	57070B	E-414	
20191					EE	57070C	E-414	
20192					EE	57070E	E-414	
20201			1CLR3757B	MV5097 CONTROL CIRCUIT	EE	57070D	E-414	
20202					EE	57070E	E-414	
20226			FLSLL3757B	MV5097 LEVEL SWITCH	EE		E-414	
20227			FLSLL3757C	MV5097 LEVEL SWITCH	EE		E-414	
20388		CC5098	2CLR3758A	MV5098 CONTROL CIRCUIT	EE	57071B	E-414	
20389					EE	57071C	E-414	
20391					EE	57071E	E-414	
20400			2CLR3758B	MV5098 CONTROL CIRCUIT	EE	57071D	E-414	
20401					EE	57071E	E-414	
20424			FLSLL3758B	MV5098 LEVEL SWITCH	EE		E-414	
20425			FLSLL3758C	MV5098 LEVEL SWITCH	EE		E-414	
21290		T-12	N/A	CCW SURGE TANK	EE	MAN		
21501	CREVS	C21-1	1CBE1209B	MC0211 POWER CIRCUIT	EE	46103B*	E-357, 358	
21516			1PBE1209A	MC0211 POWER CIRCUIT	EE	46102B*	E-357, 358	
21601B		C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	EE	47051D*	E-358	
21602					EE	47051D	E-414	
21603					EE	JB5750	E-414	
21604					EE	47051C	E-414	
21605					EE	47051B*	E-353	
21615B			2PBF1149A	MC0212 POWER CIRCUIT	EE	47050D*	E-358	
21616					EE	47050D	E-414	
21617					EE	JB5750	E-414	
21618					EE	47050C	E-414	
21619					EE	47050B*	E-353	
21703A		S33-1	1CBE1216B	MS3311 CONTROL CIRCUIT	EE	46106B*	E-357, 358	
21775F			1CBE1216E	MS33-1 CONTROL CIRCUIT	EE	46106B*	E-357, 358	
21751A			1PBE1216A	MS3311 POWER CIRCUIT	EE	46107B*	E-357, 358	
21804		S33-2	2CBF1131B	MS3321 CONTROL CIRCUIT	EE	47057E	E-414	
21805					EE	JB5750	E-414	
21806					EE	47057C	E-414	
21807					EE	47057B*	E-353	
21865E			2CBF1131E	MS33-2 CONTROL CIRCUIT	EE	47057E	E-414	
21865F					EE	JB5750	E-414	
21865G					EE	57940B	E-414	
21865H					EE	EV5075	E-414	
21865I					EE	57940A	E-414	
21839B			2PBF1131A	MS3321 POWER CIRCUIT	EE	47056D*	E-358	
21840					EE	47056D	E-414	
21841					EE	JB5750	E-414	
21842					EE	47056C	E-414	
21843					EE	47056B*	E-353	
30000	ESSPWR	E16A	1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	EE	46940A	E-413	
30202					EE	46940A	E-413	4 A
30203					EE	46940A	E-413	4 A
30004			E16A	480VAC ESSEN MCC E16A (CH. 1)	EE		E-413	
30101		E16B	1PBE1609A	BE1609 POWER CIRCUIT	EE	46940B	E-417	
30102			BE1609	MCC E16B FEEDER CIRCUIT BREAKER (CH. 1)	EE		E-413	
26815B		RC4801	1PD1P12A	DC CONT POWER TO RC4801 (MUSV6407)	EE	46796B	E-413, 414, 417	
26815C					EE	46796A	E-413	
27403C		RC4802	APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	EE	46346B	E-413, 414, 417	
31995		Y1	1PBE1616A	ALT PWR CONST VOLTAGE TRNSFRMR XY1 (CH 1)	EE	56313A	E-413	4 A
32408		Y3	1PBE1617A	ALT PWR VIA CNSTNT VLTG XFMR XY3 (CH 3)	EE	56312A	E-413	4 A

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
35000	HVAC	C133	2PBF1204A	MC0133 POWER CIRCUIT	EE	46726A	E-346	
35010					EE	JB5640	E-413	
35011					EE	46726B	E-413	
37612		HV5314	2PYF104A	MV5314 POWER CIRCUIT	EE	36899A	E-413	
37617			MV5314	LOW VOLT SWGR RM VENT FN 2 DAMPER	EE		E-413	
39206	MSS	ICS11A	2CVCS11AC	SVICS11A CONTROL CIRCUIT	EE	67081A	E-414	
39207					EE	67081B*	E-358	
39210A			2CVCS11AE	SVICS11A CONTROL CIRCUIT	EE	67081A	E-414	
39210B					EE	67081B*	E-358	
39308		ICS11B	1CVCS11BC	SVICS11B CONTROL CIRCUIT	EE	68007C	E-414	
39309					EE	68007B*	E-359, 358	
39315			1CVCS11BE	SVICS11B CONTROL CIRCUIT	EE	68007C	E-414	
39316					EE	68007B*	E-359, 358	
39406		MS100	1CFV100DH	FV100 CONTROL CIRCUIT	EE	67046B	E-417	
39407					EE	JT5806	E-417	
39408					EE	58097B	E-417	
39438			2CFV100AE	FV100 CONTROL CIRCUIT	EE	67045B	E-414	
39439					EE	JT5706	E-414	
39440					EE	57162B	E-414	
39456B			2CFV100B	FV100 CONTROL CIRCUIT	EE	47042B*	E-344, 358	
39464B			2CFV100BG	FV100 CONTROL CIRCUIT	EE	47042B*	E-344, 358	
39490			JT5706	FV100 TERMINAL BOX (CH. 2)	EE		E-414	
39506		MS100-1	2CV1001C	V1001/SV1001 CONTROL CIRCUIT	EE	47040A	E-414	
39512			2CV1001F	V100/SV1001 CONTROL CIRCUIT	EE	47040A	E-414	
39605		MS101	1CFV101AE	FV101 CONTROL CIRCUIT	EE	68075C	E-417	
39606					EE	JT5806	E-417	
39607					EE	58097B	E-417	
39620			1CFV101B	FV101 CONTROL CIRCUIT	EE	68008C	E-414	
39621					EE	68008B*	E-359, 358	
39629			1CFV101BG	FV101 CONTROL CIRCUIT	EE	68008B*	E-359, 358	
39630					EE	68008C	E-414	
39662			2CFV101DH	FV101 CONTROL CIRCUIT	EE	68076A	E-414	
39663					EE	JT5706	E-414	
39664					EE	57162B	E-414	
39648			2CFV101EG	FV101 CONTROL CIRCUIT	EE	2CRB	E-417	
39649					EE	58095B	E-417, 414	
39650					EE	JT5705	E-414	
39651					EE	57162A	E-414	
39710B		MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	EE	38069B*	E-340, 359	
39720A			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	EE	38069B*	E-340, 359	
50700F	RCS	RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	EE	46527A	E-414, 417	12 A
54202	SFAS	PT2001	2LSFPPT22A	CTMT VESSEL PRESS XMTR	EE	57059A	E-414	
54301		PT2002	3LSFPPT32A	CTMT VESSEL PRESS XMTR	EE	58111A	E-417	
58800	SFRCS	PS3687A	2CRCPS21E	MS LINE 2 PRESS	EE	2CRD	E-414	
58802					EE	57161A	E-414	
58803					EE	JB5708	E-414	
58804					EE	57161B	E-414	
58809			2CRCPS21L	MS LINE 1(2) PRESS	EE	57162A	E-414	
58901		PS3687C	2CRCPS21I	MS LINE 1 PRESS	EE	2CRB	E-417	
58902					EE	58095B	E-414	
58907			2CRCPS21L	MS LINE 1(2) PRESS	EE	57162A	E-414	
59000		PS3687E	2CRCPS41E	MS LINE 2 PRESS	EE	2CRD	E-414	
59001					EE	57163A	E-414	
59003					EE	57163C	E-414	
59004					EE	2CRD	E-414	
59010			2CRCPS41L	MS LINE 1(2) PRESS	EE	57162B	E-414	
59101		PS3687G	2CRCPS41I	MS LINE 1 PRESS	EE	2CRB	E-417	
59102					EE	58095A	E-414	
59108			2CRCPS41L	MS LINE 1(2) PRESS	EE	57162B	E-414	
59200		PS3687K	2CRCPS21G	MS LINE 2 PRESS	EE	JB5708	E-414	
59201					EE	2CRD	E-414	
59202					EE	FLEX	E-414	
59203					EE	57161A	E-414	
59204					EE	57161B	E-414	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
59209	SPRCS	PS3687K	2CRCPS21L	MS LINE 1(2) PRESS	EE	57162A	E-414	
59300		PS3687L	2CRCPS21H	MS LINE 2 PRESS	EE	JB5708	E-414	
59301					EE	57161A	E-414	
59302					EE	FLEX	E-414	
59303					EE	2CRD	E-414	
59308			2CRCPS21L	MS LINE 1(2) PRESS	EE	57162A	E-414	
59400		PS3687M	2CRCPS41G	MS LINE 2 PRESS	EE	FLEX	E-414	
59401					EE	2CRD	E-414	
59403					EE	57163A	E-414	
59404					EE	57163C	E-414	
59410			2CRCPS41L	MS LINE 1(2) PRESS	EE	57162B	E-414	
59500		PS3687N	2CRCPS41H	MS LINE 2 PRESS	EE	FLEX	E-414	
59501					EE	2CRD	E-414	
59502					EE	57163A	E-414	
59508			2CRCPS41L	MS LINE 1(2) PRESS	EE	57162B	E-414	
59601		PS3688B	1CRCPS11F	MS LINE 1 PRESS	EE	58096A	E-417	
59602					EE	1CRC	E-414	
59609			1CRCPS11L	MS LINE 1(2) PRESS	EE	58097A	E-414	
59700		PS3688D	1CRCPS11J	MS LINE 2 PRESS	EE	57160B	E-417	
59701					EE	57160C	E-414	
59707			1CRCPS11L	MS LINE 1(2) PRESS	EE	58097A	E-414	
59800		PS3688F	1CRCPS31F	MS LINE 1 PRESS	EE	58096B	E-417	
59801					EE	1CRC	E-417	
59808			1CRCPS31L	MS LINE 1(2) PRESS	EE	58097B	E-414	
59900		PS3688H	1CRCPS31J	MS LINE 2 PRESS	EE	1CRA	E-414	
59901					EE	57160A	E-414, 417	
59908			1CRCPS31L	MS LINE 1(2) PRESS	EE	58097B	E-414	
60000		PS3688K	1CRCPS11G	MS LINE 1 PRESS	EE	FLEX	E-414	
60001					EE	1CRC	E-414	
60002					EE	58096A	E-417	
60009			1CRCPS11L	MS LINE 1(2) PRESS	EE	58097A	E-414	
60100		PS3688L	1CRCPS11H	MS LINE 1 PRESS	EE	FLEX	E-414	
60101					EE	58096A	E-417	
60102					EE	1CRC	E-414	
60109			1CRCPS11L	MS LINE 1(2) PRESS	EE	58097A	E-414	
60200		PS3688M	1CRCPS31G	MS LINE 1 PRESS	EE	FLEX	E-417	
60201					EE	1CRC	E-417	
60202					EE	58096B	E-417	
60208			1CRCPS31L	MS LINE 1(2) PRESS	EE	58097B	E-414	
60300		PS3688N	1CRCPS31H	MS LINE 1 PRESS	EE	58096B	E-417	
60301					EE	1CRC	E-417	
60302					EE	FLEX	E-417	
60308			1CRCPS31L	MS LINE 1(2) PRESS	EE	58097B	E-414	
63401A	SWS	SW2927	1CBE1232B	MV2927 CONTROL CIRCUIT	EE	46106B*	E-357, 358	
63425A			1PBE1232A	MV2927 POWER CIRCUIT	EE	46107B*	E-357, 358	
63502		SW2928	2CBF1132B	MV2928 CONTROL CIRCUIT	EE	47057E	E-414	
63503					EE	47057C	E-414	
63504					EE	47057B*	E-353	
63522C			2PBF1132A	MV2928 POWER CIRCUIT	EE	47056D*	E-358	
63523					EE	47056D	E-414	
63524					EE	47056C	E-414	
63525					EE	47056B*	E-353	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
00071A	AFWS	AF3869	1PBEL146A	MV3869 POWER CIRCUIT	F	48257A	E-335	
00148		AF3870	1PD107A	MV3870 POWER CIRCUIT	F	46006E	E-335	
00200		AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00201					F	2CEE	E-335	
00212			2CBF1201C	MV3871 CONTROL CIRCUIT	F	27094A	E-335	
00213			2CBF1201D	MV3871 CONTROL CIRCUIT	F	Nipple	E-335	
00233			2CBF1201H	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00234					F	2CEE	E-335	
00245			2PBF1201A	MV3871 POWER CIRCUIT	F	27311C	E-335	
00246					F	27311A	E-335	
00247					F	JB2755	E-335	
00248					F	46005C	E-335	
00259			EV3872	MV3871 TERMINAL BOX (CH. 2)	F		E-335	
00260			MV3871	AFW PUMP 1-2 DISCH TO SG 1 (CH. 2)	F		E-335	
00261			MV3871	MV3871 LOCAL CONTROLLER (CH. 2)	F		E-335	
00300		AF3872	2CBF1262B	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00301					F	2CEE	E-335	
00311			2CBF1262C	MV3872 CONTROL CIRCUIT	F	27095A	E-335	
00312			2CBF1262D	MV3872 CONTROL CIRCUIT	F	Nipple	E-335	
00322			2CBF1262F	MV3872 CONTROL CIRCUIT	F	2CEE	E-335	
00339			2CBF1262G	MV3872 CONTROL CIRCUIT	F	2CEE	E-335	
00349			2CBF1262H	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00350					F	2CEE	E-335	
00360			2PBF1262A	MV3871 POWER CIRCUIT	F	46005C	E-335	
00361					F	27311B	E-335	
00362					F	27311A	E-335	
00363					F	JB2755	E-335	
00375			EV3872	MV3872 TERMINAL BOX (CH. 2)	F		E-335	
00376			MV3872	AFW PUMP 1-2 DISCH TO SG 2 (CH. 2)	F		E-335	
00377			MV3872	MV3872 LOCAL CONTROLLER (CH. 2)	F		E-335	
00634		AF6451	2CLC6451D	AF6451 CONTROL CIRCUIT	F	JB2718	E-335	
00635					F	27318C	E-335	
00636					F	2CEE	E-335	
00637					F	27019A	E-335	
00638					F	JT2730	E-335	
00639					F	27889A	E-335	
00648			2CLC6451I	AF6451 CONTROL CIRCUIT	F	27887B	E-335	
00655			2CLC6451J	AF6451 CONTROL CIRCUIT	F	2CEE	E-335	
00656					F	27097A	E-335	
00657					F	EV3872	E-335	
00658					F	27094A	E-335	
00665			2CLC6451K	AF6451 CONTROL CIRCUIT	F	2CEE	E-335	
00666					F	27097A	E-335	
00667					F	EV3872	E-335	
00668					F	27095A	E-335	
00679			2LLC6451E	AF6451 CONTROL CIRCUIT	F	JB2711	E-335	
00680					F	27886A	E-335	
00640			2LLC6451F	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00645			2LLC6451G	AF6451 CONTROL CIRCUIT	F	JB2711	E-335	
00646					F	27886A	E-335	
00647			2LLC6451H	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00702			FV6451	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 2)	F		E-335	
00701			2C6451	AF6451 SOLENOID VALVE (CH 2)	F		E-335	
00703			2S38710	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
00704			2S38720	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
00700			2S5889B	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
01116		FW6460	2LLC6460C	FW6460 CONTROL CIRCUIT	F	JB2711	E-335	
01117					F	27890A	E-335	
01125			2LLC6460E	FW6460 CONTROL CIRCUIT	F	JB2711	E-335	
01126					F	27890A	E-335	
01200		ICS038A	2CAFPPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	F	27204A	E-335	
01201					F	2CEE	E-335	
01229			2CAFPPT02M	ICS038A 24V DC POWER C3630 TO JT2704	F	27204A	E-335	
01230					F	2CEE	E-335	
01249			2CAFPPT02P	ICS038A CONTROL CIRCUIT	F	2CEE	E-335	
01250					F	27315B	E-335	
01251			2CAFPPT02Q	ICS038A CONTROL CIRCUIT	F	27315A	E-335	
01264			PZSICS38J	ICS038A LIMIT SWITCH (CH. 2)	F		E-335	
01265			ICS038A	AFPT 1-2 GOVERNOR CTRL VLV (CH. 2)	F		E-335	
01266			JT2704	ICS038A JUNCTION BOX (CH. 2)	F		E-335	
01267			MK0032	ICS038A GOVERNOR VALVE (CH. 2)	F		E-335	
01908		MS107	2CBF1124F	MV107 CONTROL CIRCUIT	F	27380B	E-335	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01909	AFWS	MS107	2CBF1124F	MV107 CONTROL CIRCUIT	F	2CEW	E-335	
01910					F	27381A	E-335	
01911					F	2CEC	E-335	
01942			2CBF1124K	MV107 CONTROL CIRCUIT	F	27380A	E-335	
01943					F	2CEW	E-335	
01944					F	27091A	E-335	
01945					F	2CEC	E-335	
01962			2CBF1124P	MV107 CONTROL CIRCUIT	F	27380D	E-335	
01963					F	2CEW	E-335	
01964					F	27381A	E-335	
01965					F	2CEC	E-335	
01974			2CBF1124R	MV107 CONTROL CIRCUIT	F	27380C	E-335	
01975					F	2CEW	E-335	
01976					F	27091A	E-335	
01977					F	2CEC	E-335	
01991			2CBF1124V	MV107 CONTROL CIRCUIT	F	27363B	E-335	
01992					F	27363A	E-335	
01993					F	2CEC	E-335	
02030			FPS107A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02031			FPS107B	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02032			FPS107C	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02033			FPS107D	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02034			FPSL4931A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02126		MS107A	2CBF1188K	MV107A CONTROL CIRCUIT	F	27363C	E-335	
02127					F	27363A	E-335	
02128					F	2CEC	E-335	
02153			FPSL4931B	MV107A PRESSURE SWITCH (CH. 2)	F		E-335	
02300		MS5889B	2CV5889BA	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02306			2CV5889BB	SV5889B CONTROL CIRCUIT	F	2CEE	E-335	
02307					F	27188B	E-335	
02314			2CV5889BC	SV5889B CONTROL CIRCUIT	F	2CEE	E-335	
02315					F	27188B	E-335	
02316			2CV5889BD	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02323			2CV5889BF	SV5889B CONTROL CIRCUIT	F	Nipple	E-335	
02324			2CV5889BG	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02325					F	2CEE	E-335	
02332			2CV5889BH	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02333					F	2CEE	E-335	
02340			2CV5889BJ	SV5889B CONTROL CIRCUIT	F	NIPPLE	E-335	
02343			EV5889B	SV5889B TERMINAL BOX	F		E-335	
02344			NV5889B	SV5889B LOCAL CONTROLLER	F		E-335	
02345			SV5889B	AFWP 2 STEAM ADMISSION SOLENOID VALVE	F		E-335	
02355		P14-2	N/A	TD AUX FW PUMP 2	F	MAN		
02439		P241	BPAD210H	MP2410 CONTROL CIRCUIT	F	36125B	E-335	
02440					F	36125C	E-335	
19118	CCWS	CC2649	2CBF1161G	MV2649 CONTROL CIRCUIT	F	2CEC	E-335	
19143			2CBF1161I	MV2649 CONTROL CIRCUIT	F	2CEF	E-335	
19171D			2CCCW002B	MV2649 CONTROL CIRCUIT	F	36110B*	E-337, 339	
19181D			2CCCW002C	MV2649 CONTROL CIRCUIT	F	36110B*	E-337, 339	
19946		CC5096	2CBF1106I	MV5096 CONTROL CIRCUIT	F	2CEC	E-335	
19975D			2CCCW002B	MV5096 CONTROL CIRCUIT	F	36110B*	E-337, 339	
19985D			2CCCW002C	MV5096 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20341		CC5098	2CBF1119I	MV5098 CONTROL CIRCUIT	F	2CEC	E-335	
20371A			2CCCW002B	MV5098 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20380A			2CCCW002C	MV5098 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20708		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	F	2CEC	E-335	
20723			2CAD113C	MP0432 CONTROL CIRCUIT	F	2CEC	E-335	
20744			2CAD113E	MP0432 CONTROL CIRCUIT	F	2CEC	E-335	
20797D			2CCCW002B	MP0432 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20807D			2CCCW002C	MP0432 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20812A			2PAD113A	MP0432 CONTROL CIRCUIT	F	36111A*	E-337, 339	
21104		P43-3	2CACD3C	MP0433 CONTROL CIRCUIT	F	2CEC	E-335	
21122			2CAD108B	MP0433 CONTROL CIRCUIT	F	2CEC	E-335	
21137			2CAD108C	MP0433 CONTROL CIRCUIT	F	2CEC	E-335	
21190			2CAD108H	MP0433 CONTROL CIRCUIT	F	2CEC	E-335	
21205			2CAD108I	MP0433 CONTROL CIRCUIT	F	2CEC	E-335	
21228D			2CAD108K	MP0433 CONTROL CIRCUIT	F	36204B*	E-337, 339	
21245A			3PACD1A	MP0433 POWER CIRCUIT	F	36203A*	E-337, 339	
24407	DHRS	P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	F	2CEF	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24421	DHRS	P42-2	2CAD112C	MP0422 CONTROL CIRCUIT	F	2CEF	E-335	
24443			2CAD112F	MP0422 CONTROL CIRCUIT	F	2CEF	E-335	
24610	EDG	DA1148A/B	2CGD204B	SV1148A/B CONTROL CIRCUIT	F	2CEF	E-335	
24628			2CGD204C	SV1148A/B CONTROL CIRCUIT	F	2CEF	E-335	
24649			2CGD204E	SV1148A/B CONTROL CIRCUIT	F	2CEF	E-335	
24946		K5-2	2CGD201L	EDG 1-2 CONTROL CIRCUIT	F	2CEC	E-335	
24964			2CGD201N	EDG 1-2 CONTROL CIRCUIT	F	2CEC	E-335	
25006			2CGD205A	EDG 1-2 CONTROL CIRCUIT	F	2CEF	E-335	
25036			2CGD206A	EDG 1-2 CONTROL CIRCUIT	F	2CEF	E-335	
26208	ESSPWR	D1	2CAACD1C	AACD1 CONTROL CIRCUIT	F	2CEC	E-332	
26230			2CAACD1L	AACD1 CONTROL CIRCUIT	F	2CEC	E-332	
26244			2CAD101C	AD101 CONTROL CIRCUIT	F	2CEC	E-335	
26259			2CAD101D	AD101 CONTROL CIRCUIT	F	2CEC	E-335	
26291			2CAD1033A	SWGR D1 CONTROL CIRCUIT	F	2CEC	E-335	
26305			2CAD1033B	SWGR D1 CONTROL CIRCUIT	F	2CEC	E-335	
26321			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	F	2CEE	E-335	
26353			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	F	2CEC	E-335	
26372			2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	F	2CEC	E-335	
27008		D2	2CAD110C	AD110 CONTROL CIRCUIT	F	2CEC	E-335	
30308		F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	F	2CEC	E-335	
30329			2CAD11DFE	AD1DF11 CONTROL CIRCUIT	F	2CEC	E-335	
30344			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	F	2CEC	E-335	
30365			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	F	2CEC	E-335	
27226		ZC6451	2CD2P13A	CONTROL POWER TO FW6451	F	JB2718	E-335	
27227					F	27318C	E-335	
27228					F	2CEE	E-335	
27229					F	27887A	E-335	
34908	HPIS	P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	F	2CEC	E-335	
34923			2CAD111C	MP0582 CONTROL CIRCUIT	F	2CEC	E-335	
34946			2CAD111F	MP0582 CONTROL CIRCUIT	F	2CEC	E-335	
36200	HVAC	C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	F	27310B	E-335	
36201					F	27310A	E-335	
36202					F	2CEC	E-335	
36214			2CBF1205C	MC0732 CONTROL CIRCUIT	F	27310C	E-335	
36215					F	27310A	E-335	
36216					F	2CEC	E-335	
36228			2PBF1205A	MC0732 POWER CIRCUIT	F	46005C	E-335	
36230					F	36180C	E-335	
36231					F	JB2755	E-335	
36240			FTS5136	MC0732 TEMPERATURE SWITCH (CH. 2)	F		E-335	
36241			MC0732	AUX FD PUMP RM VENT FAN 1-2 (CH. 2)	F		E-335	
36242			NC0732	MC0732 LOCAL CONTROLLER (CH. 2)	F		E-335	
57413	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	F	2CEC	E-335	
57512		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	F	2CEE	E-335	
60509		RCPM2	2RCRPM21B	RCP MONITOR	F	2CEC	E-335	
60510					F	36189B	E-335	
60712		RCPM4	2RCRPM41B	RCP MONITOR	F	36182B	E-335	
60713					F	2CEE	E-335	
61106	SWS	P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	F	2CEE	E-335	
61119			2CAD107C	MP0032 CONTROL CIRCUIT	F	2CEE	E-335	
61145			2CAD107F	MP0032 CONTROL CIRCUIT	F	2CEE	E-335	
61306		P3-3	2CACD5E	MP0033 CONTROL CIRCUIT	F	2CEC	E-335	
61319			2CAD109B	MP0033 CONTROL CIRCUIT	F	2CEE	E-335	
61332			2CAD109C	MP0033 CONTROL CIRCUIT	F	2CEE	E-335	
61345			2CAD109D	MP0033 CONTROL CIRCUIT	F	2CEE	E-335	
61527		SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	F	2CEC	E-335	
62624		SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	F	2CEF	E-335	
62639			2CBF1177H	MV1383 CONTROL CIRCUIT	F	2CEF	E-335	
62657			2CPS4929C	MV1383 CONTROL CIRCUIT	F	27364B	E-335	
62658					F	27364A	E-335	
62659					F	2CEE	E-335	
62670			2CPS4929D	MV1383 CONTROL CIRCUIT	F	27364C	E-335	
62671					F	27364A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62672	SWS	SW1383	2CPS4929D	MV1383 CONTROL CIRCUIT	F	2CEE	E-335	
62714			2CSD04A	MV1383 CONTROL CIRCUIT	F	2CEF	E-335	
62726			FPSL4929A	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62727			FPSL4929B	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62814		SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	F	2CEC	E-335	
62830			2CBF1277G	MV1395 CONTROL CIRCUIT	F	2CEC	E-335	
63141		SW1429	2CV1429B	SV1429 CONTROL CIRCUIT	F	2CEE	E-335	
63717		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	F	2CEC	E-335	
63917		SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	F	2CEC	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
00024	AFWS	AF3869	1CBE1146F	MV3869 CONTROL CIRCUIT	FF	5706A2	E-356-8		
00036			1CBE1146G	MV3869 CONTROL CIRCUIT	FF	1CPA62	E-356-10		
00037						FF	1CPA62	E-356-10	
00074			C5706	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
00075			C5762A	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
00128	AF3870		1CD107F	MV3870 CONTROL CIRCUIT	FF	5706A2	E-356-8		
00137			1CD107G	MV3870 CONTROL CIRCUIT	FF	1CPA62	E-356-10		
00138						FF	1CP62A	E-356-10	
00155			C5706	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
00156			C5762A	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
00217	AF3871		2CBF1201F	MV3871 CONTROL CIRCUIT	FF	5706D2	E-356-8		
00224			2CBF1201G	MV3871 CONTROL CIRCUIT	FF	2CP92D	E-353		
00225						FF	2CP92A	E-353	
00256			C5706	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
00257			C5792	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
00316	AF3872		2CBF1262F	MV3872 CONTROL CIRCUIT	FF	5706D2	E-356-8		
00331			2CBF1262G	MV3872 CONTROL CIRCUIT	FF	2CP92D	E-353		
00332						FF	2CP92A	E-353	
00372			C5709	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
00373			C5792	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
00410	AF599		2CBF1118I	MV599 CONTROL CIRCUIT	FF	UNSCHED	E-356		
00428			C5709	MV599 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
00519	AF608		1CBE1160I	MV608 CONTROL CIRCUIT	FF	UNSCHED	E-356		
00543			C5706	MV608 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
00681	AF6451		2CLY6454A	LY6454 CONTROL CIRCUIT	FF	2CP17C	E-353		
00689			2CLY6454B	LY6454 CONTROL CIRCUIT	FF	2CP56C	E-353		
00673			2LLC6451B	AF6451 CONTROL CIRCUIT	FF	46969B	E-356-1B		
00705			C5709	AF6451 CONTROL ROOM PANEL (CH 2)	FF		E-353		
00707			C5717	LY6454 CONTROL ROOM PANEL (CH 2)	FF		E-353		
00708			C5756C	LY6454 CONTROL ROOM PANEL (CH 2)	FF		E-353		
00874			AF6452		1CLY6453A	LY6453 CONTROL CIRCUIT	FF	1CP17A	E-353
00888	1CLY6453B	LY6453 CONTROL CIRCUIT			FF	1CP63C	E-353		
00819A	1LLC6452B	AF6452 CONTROL CIRCUIT			FF	57956B	E-356-1B	A	
00820						FF	C5706B	E-356-1B	
00891	C5706	AF6452 CONTROL ROOM PANEL (CH 1)			FF		E-353		
00900	C5717	LY6453 CONTROL ROOM PANEL (CH. 1)			FF		E-353		
00899	C5763C	LY6453 CONTROL ROOM PANEL (CH. 1)			FF		E-353		
01031	FW6459				1CLC6459B	FW6459 CONTROL CIRCUIT	FF	UNSCHED	E-353
01015			1CLC6459H	FW6459 CONTROL CIRCUIT	FF	UNSCHED	E-353		
01062			1LLC6459A	FW6459 CONTROL CIRCUIT	FF	57956	E-356		
01067			C5709	FW6459 CONTROL ROOM PANEL (CH 1)	FF		E-353		
01111	FW6460		2CLC6460B	FW6460 CONTROL CIRCUIT	FF	UNSCHED	E-353		
01105			2CLC6460H	FW6460 CONTROL CIRCUIT	FF	UNSCHED	E-355		
01141			C5709	FW6460 CONTROL ROOM PANEL (CH 2)	FF		E-353		
01213	ICS038A		2CAPPT02B	ICS038A CONTROL CDF-12A-1 TO C5709	FF	5706D1	E-356-8		
01262			C5709	ICS038A CONTROL ROOM PANEL (CH. 2)	FF		E-353		
01311	ICS038B		1CAPPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	FF	5706A1	E-356-8		
01365			C5706	ICS038B CONTROL ROOM PANEL (CH. 1)	FF		E-353		
01441	MS106		1CD135G	MV106 CONTROL CIRCUIT	FF	1CPA62	E-353		
01442						FF	1CP62A	E-423	
01480			1CD135I	MV106 CONTROL CIRCUIT	FF	UNSCHED	E-353		
01627			C5706	MV106 CONTROL ROOM PANEL (CH 1)	FF		E-353		
01609			C5762A	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
01737	MS106A		1CBE1271G	MS106A CONTROL CIRCUIT	FF	UNSCHED	E-353		
01738			1CBE1271H	MV106A CONTROL CIRCUIT	FF	1CPA62	E-356-10		
01739						FF	1CP62A	E-353	
01756			1CBE1271J	MV106A CONTROL CIRCUIT	FF	1CPA62	E-353		
01757						FF	1CP62A	E-423	
01817			C5706	MV106A CONTROL ROOM PANEL (CH 1)	FF		E-353		
01809	C5762A	MV106A CONTROL ROOM PANEL (CH. 1)	FF		E-353				
01920	MS107		2CBF1124G	MV107 CONTROL CIRCUIT	FF	2CP92D	E-353		
01921						FF	2CP92A	E-353	
01941			2CBF1124I	MS107 CONTROL CIRCUIT	FF	UNSCHED	E-353		
02041			C5709	MV107 CONTROL ROOM PANEL (CH 2)	FF		E-353		
02025			C5792	MV107 CONTROL ROOM PANEL (CH. 2)	FF		E-353		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02110	AFWS	MS107A	2CBF1188H	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	
02111					FF	2CP92A	E-353	
02118			2CBF1188J	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	
02119					FF	2CP92A	E-353	
02144			2CBF1188M	MV107A CONTROL CIRCUIT	FF	UNSCHED	E-353	
02157			C5709	MV107A CONTROL ROOM PANEL (CH 2)	FF		E-353	
02149			C5792	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02203		MS5889A	1CV5889AB	SV5889A CONTROL CIRCUIT	FF	5706A4	E-353	
02215			1CV5889AC	SV5889A CONTROL CIRCUIT	FF	UNSCHED	E-353	
02237			1CV5889AG	SV5889A CONTROL CIRCUIT	FF	1CP62A	E-353	
02238					FF	1CPA	E-353	
02248			1CV5889AH	SV5889A CONTROL CIRCUIT	FF	1CP62A	E-356-10	
02249					FF	1CPA62	E-353	
02251			C5709	SV5889A CTRL ROOM PANEL	FF		E-353	
02252			C5762A	SV5889A CTRL ROOM PANEL	FF		E-353	
02301		MS5889B	2CV5889BB	SV5889B CONTROL CIRCUIT	FF	5706B3	E-353	
02341			C5709	SV5889B CTRL ROOM PANEL	FF		E-353	
02342			C5792	SV5889B CTRL ROOM PANEL	FF		E-353	
02401		P241	BCAD210D	MP2410 CONTROL CIRCUIT	FF	BCP11C	E-356-8	
02411			BCAD210E	MP2410 CONTROL CIRCUIT	FF	BCP11C	E-356-8	
02443			C5712	MP2410 CONTROL ROOM PANEL	FF		E-353	
17400	CACS	C1-1	1CBEL401G	MC0011 CONTROL CIRCUIT	FF	1CP63C	E-424	
17414			1CBEL401J	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17421			1CBEL401K	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17449			C5716	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17450			C5763C	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17500		C1-2	2CBF1401G	MC0012 CONTROL CIRCUIT	FF	2CP56C	E-424	
17513			2CBF1401J	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17520			2CBF1401K	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17553			C5716	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17554			C5756C	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17606		C1-3	1CBEL501F	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17613			1CBEL501G	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17620			1CBEL501H	MC0013 CONTROL CIRCUIT	FF	1CP63C	E-424	
17642			2CBF1501F	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17649			2CBF1501G	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17656			2CBF1501H	MC0013 CONTROL CIRCUIT	FF	2CP56C	E-424	
17690			C5716	MC0013 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
17691			C5756C	MC0013 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17692			C5763C	MC0013 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17712	CCWS	CC1407A	1CBEL173E	MV1407A CONTROL CIRCUIT	FF	1CP62C	E-356-10	
17724			1CBEL173G	MV1407A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
17732			C5717	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17733			C5762C	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17734			C5763D	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17805		CC1407B	2CBF1158E	MV1407B CONTROL CIRCUIT	FF	2CP55C	E-424	
17817			2CBF1158G	MV1407B CONTROL CIRCUIT	FF	2CP18A	E-356-8	
17821			C5717	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17822			C5755C	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17823			C5756D	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17921		CC1409	2CBF1227F	CC1409 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
17936			C5703	CC1409 CONTROL ROOM PANEL (CH 2)	FF		E-353	
18020		CC1410	2CBF1228F	CC1410 CONTROL CIRCUIT	FF	2CP02C	E-356	
18035			C5703	CC1410 CONTROL ROOM PANEL (CH 2)	FF		E-353	
18111		CC1411A	1CBEL176E	MV1411A CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18122			1CBEL176G	MV1411A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
18155			C5717	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18156			C5762C	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18210		CC1411B	2CBF1159E	MV1411B CONTROL CIRCUIT	FF	2CP55C	E-424	
18217			2CBF1159G	MV1411B CONTROL CIRCUIT	FF	2CP18A	E-356-8	
18253			C5717	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18254			C5755C	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18307		CC1460	2CSF1724A	SV1460 CONTROL CIRCUIT	FF	2CP18A	E-353	
18311			2CV1460D	SV1460 CONTROL CIRCUIT	FF	2CP18A	E-356-8	
18323			2CV1460E	SV1460 CONTROL CIRCUIT	FF	2CP55C	E-424	
18335			C5717	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
18336	CCWS	CC1460	C5755C	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18403		CC1467	1CV1467C	SV1467 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
18414			1CV1467E	SV1467 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18423			C5716	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18424			C5762C	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18503		CC1469	2CV1469C	SV1469 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
18514			2CV1469E	SV1469 CONTROL CIRCUIT	FF	2CP55C	E-424	
18523			C5716	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18524			C5755C	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18801		CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	FF	1CP17B	E-353	
18811			1CV1495C	SV1495 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
18819			1CV1495E	SV1495 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18826			C5717	SV1495 CONTROL ROOM PANEL	FF		E-353	
18827			C5762C	SV1495 CONTROL ROOM PANEL	FF		E-353	
18905		CC2645	1CBE1161F	MV2645 CONTROL CIRCUIT	FF	5720C1	E-356-9	
18998			C5720	MV2645 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
19108		CC2649	2CBF1161F	MV2649 CONTROL CIRCUIT	FF	5721A1	E-356-9	
19212			C5720	MV2649 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
19721		CC5095	1CBE1226F	MV5095 CONTROL CIRCUIT	FF	5720C1	E-356-9	
19821			C5720	MV5095 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
19920		CC5096	2CBF1106F	MV5096 CONTROL CIRCUIT	FF	5721A1	E-356-9	
20020			C5720	MV5096 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20129		CC5097	1CBE1227F	MV5097 CONTROL CIRCUIT	FF	5720C2	E-356-9	
20221			C5720	MV5097 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20325		CC5098	2CBF1119F	MV5098 CONTROL CIRCUIT	FF	5721A1	E-356-9	
20419			C5720	MV5098 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20500		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20517			1CAC113C	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20545			1CAC113E	MP0431 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
20631			C5716	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20632			C5763C	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20700		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20715			2CAD113C	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20736			2CAD113E	MP0432 CONTROL CIRCUIT	FF	2CP56C	E-424	
20818			C5716	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20819			C5756C	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20900		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20920			1CAC108C	MP0433 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20987			1CAC108H	MP0433 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
21005			1CAC108I	MP0433 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
21058			1CACD2C	MP0433 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
21097			2CACD3C	MP0433 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
21114			2CAD108B	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21129			2CAD108C	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21183			2CAD108H	MP0433 CONTROL CIRCUIT	FF	2CP56C	E-424	
21197			2CAD108I	MP0433 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
21258			C5715	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21259			C5716	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21260			C5756C	MP0433 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21261			C5763C	MP0433 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21311	CFS	CF01A	2CBF1120F	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21318			2CBF1120G	MVCF01A CONTROL CIRCUIT	FF	2CP55C	E-424	
21328			2CVCF01AB	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21351			C5716	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21352			C5755C	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21359			FSH7529A	MVCF01A PRESSURE SWITCH (CH. 2)	FF		E-353	
21412		CF01B	1CBE1162F	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21420			1CBE1162G	MVCF01B CONTROL CIRCUIT	FF	1CP63D	E-424	
21431			1CVCF01BB	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21461			C5716	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21462			C5763D	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21469			FSH7530A	MVCF01B PRESSURE SWITCH (CH. 1)	FF		E-353	
21507	CREVS	C21-1	1CBE1209C	MC0211 CONTROL CIRCUIT	FF	5720C1	E-356-9	
21520			C5720	MC0211 CONTROL ROOM PANEL (CH. 1)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
21607	CREVS	C21-2	2CBF1149C	MC0212 CONTROL CIRCUIT	FF	5721A1	E-356-9			
21622			C5720	MC0212 CONTROL ROOM PANEL (CH. 2)	FF		E-353			
21775T	S33-1	S33-1	1CBE1216E	MS33-1 CONTROL CIRCUIT	FF	5720C2	E-356-9			
21715B			1CCBAC1C	MS3311 CONTROL CIRCUIT	FF	67002B*	E-355, 358			
21771			C5720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9			
21865N	S33-2	S33-2	2CBF1131E	MS33-2 CONTROL CIRCUIT	FF	5721C7	E-356-1, 356-9			
21813			2CCBAC2C	MS3321 CONTROL CIRCUIT	FF	67199A	E-416			
21862			C5720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9			
21920	CSS	CS1530	1CBE1156H	MV1530 CONTROL CIRCUIT	FF	1CP63C	E-424			
21936			1CBE1156J	MV1530 CONTROL CIRCUIT	FF	1CP16A	E-356-8			
21948			C5716	MV1530 CONTROL ROOM PANEL (CH. 1)	FF		E-353			
21949			C5763C	MV1530 CONTROL ROOM PANEL (CH. 1)	FF		E-353			
22017	CS1531	CS1531	2CBF1147H	MV1531 CONTROL CIRCUIT	FF	2CP56C	E-424			
22024			2CBF1147J	MV1531 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22035			C5716	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22036			C5756C	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22100	P56-1	P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8			
22107			1CBE111C	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8			
22121			1CBE111E	MC0561 CONTROL CIRCUIT	FF	1CP62C	E-356-10			
22147			C5716	MP0561 CONTROL ROOM PANEL	FF		E-353			
22148	C5762C	MP0561 CONTROL ROOM PANEL	FF		E-353					
22200	P56-2	P56-2	2CBF111B	MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22207			2CBF111C	MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22220			2CBF111E	MP0562 CONTROL CIRCUIT	FF	2CP55C	E-423			
22242			C5716	MP0562 CONTROL ROOM PANEL	FF		E-353			
22243			C5755C	MP0562 CONTROL ROOM PANEL	FF		E-353			
22308	DHRS	DH01A	2CBF1136F	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22317			2CBF1136J	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22326			C5716	MVDH01A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22408	DH01B	DH01B	1CBE1106F	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8			
22420			1CBE1106J	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8			
22432			C5716	MVDH01B CONTROL ROOM PANEL (CH. 1)	FF		E-353			
22508	DH07A	DH07A	2CBF1148F	MVDH07A CONTROL CIRCUIT	FF	2CP55D	E-424			
22514			2CBF1148G	MVDH07A CONTROL CIRCUIT	FF	2CP56C	E-424			
22521			2CBF1148I	MVDH07A CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22538			C5716	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22538Z			C5755C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22539			C5755D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22540			C5756C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22540A			C5756D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22608			DH07B	DH07B	1CBE1157F	MVDH07B CONTROL CIRCUIT	FF	1CP62D	E-356-10	
22618					1CBE1157G	MVDH07B CONTROL CIRCUIT	FF	1CP63D	E-424	
22633	1CBE1157I	MVDH07B CONTROL CIRCUIT			FF	1CP16A	E-356-8			
22651	C5716	MVDH07B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22651Z	C5762C	MVDH07B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22652	C5762D	MVDH07B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22653	C5763C	MVDH07B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22653A	C5763D	MVDH07B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22704	DH09A	DH09A			2CBF1142E	MVDH09A CONTROL CIRCUIT	FF	2CP55D	E-424	
22711					2CBF1142F	MVDH09A CONTROL CIRCUIT	FF	2CP56D	E-424	
22721			2CBF1142H	MVDH09A CONTROL CIRCUIT	FF	2CP16C	E-356-8			
22737			C5716	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22737Z			C5755C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22738			C5755D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22738A			C5756C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22739			C5756D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22804			DH09B	DH09B	1CBE1112E	MVDH09B CONTROL CIRCUIT	FF	1CP62D	E-356-10	
22814	1CBE1112F	MVDH09B CONTROL CIRCUIT			FF	1CP63D	E-424			
22829	1CBE1112H	MVDH09B CONTROL CIRCUIT			FF	1CP16A	E-356-8			
22847	C5716	MVDH09B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22847Z	C5762C	MVDH09B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22848	C5762D	MVDH09B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22848A	C5763C	MVDH09B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22849	C5763D	MVDH09B CONTROL ROOM PANEL (CH. 1)			FF		E-353			
22904	DH11	DH11	2CBF1130E	MVDH11 CONTROL CIRCUIT	FF	2CP56D	E-424			
22915			2CBF1130G	MVDH11 CONTROL CIRCUIT	FF	2CP02C	E-356-8			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22922	DHRS	DH11	2CBF1130J	MVDH11 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
22943			CS704	MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22944			CS756D	MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22951			PSH7531A	MVDH11 PRESSURE SWITCH (CH. 2)	FF		E-353	
23010		DH12	1CBE1183G	MVDH12 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23024			1CBE1183J	MVDH12 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23043			CS704	MVDH12 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23101		DH13A	2CVDH13AB	SVDH13A CONTROL CIRCUIT	FF	2CP55C	E-424	
23113			2CVDH13AG	SVDH13A CONTROL CIRCUIT	FF	2CP18A	E-356-8	
23120			CS717	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23121			CS755C	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23201		DH13B	1CVDH13BB	SVDH13B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23213			1CVDH13BE	SVDH13B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23222			CS717	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23223			CS762C	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23301		DH14A	2CVDH14AB	SVDH14A CONTROL CIRCUIT	FF	2CP55C	E-424	
23313			2CVDH14AE	SVDH14A CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23333			CS717	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23334			CS755C	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23401		DH14B	1CVDH14BB	SVDH14B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23413			1CVDH14BE	SVDH14B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23429			CS717	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23430			CS762C	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23501		DH1517	1CBE1126C	MV1517 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23525			CS704	MV1517 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23603		DH1518	2CBF1129C	MV1518 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
23626			CS704	MV1518 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23705		DH2733	1CBE1121C	MV2733 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23724			1CBE1121H	MV2733 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23736			CS717	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23737			CS762C	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23803		DH2734	2CBF1134C	MV2734 CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23822			2CBF1134H	MV2734 CONTROL CIRCUIT	FF	2CP55C	E-424	
23837			CS717	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23838			CS755C	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23845X		DH2735	1CBE1155F	DH2735 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23846			CS705	DH2735 CONTROL CIRCUIT	FF		E-356-8	
23860R		DH2736	2CBF1125F	DH2736 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
23861			CS705	DH2736 CONTROL CIRCUIT	FF		E-356-8	
23911		DH63	2CBF1195F	MVDH63 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24016		DH64	1CBE1187F	MVDH64 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24035			CS716	MVDH64 CONTROL PANEL	FF		E-356-8	
24300		P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24316			1CAC112C	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24338			1CAC112F	MP0421 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
24359			CS716	MP0421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
24363					FF		E-353	
24360			CS762C	MP0421 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24400		P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24414			2CAD112C	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24438			2CAD112F	MP0422 CONTROL CIRCUIT	FF	2CP55C	E-424	
24456			CS616	MP0422 CONTROL ROOM PANEL (CH 2)	FF		E-353	
24457			CS755C	MP0422 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
24503	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24522			1CGD104C	SV 1147A/B CONTROL CIRCUIT	FF	1CP63C	E-424	
24553			1CGD104E	SV1147A/B CONTROL CIRCUIT	FF	1CP63C	E-424	
24603		DA1148A/B	2CGD204B	SV1148A/B CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24621			2CGD204C	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24642			2CGD204E	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24745		K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24763			1CGD101N	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25865	EDG	K5-1	1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP62D	E-356-10	
25885			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP63C	E-424	
24811			1CGD105A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24839			1CGD106A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24877		C5715	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
24878		C5763C	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
24939		K5-2	2CGD201L	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24956			2CGD201N	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
25008	2CGD205A		EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8		
25029	2CGD206A		EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8		
25067	C5715		EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
25068	C5756C		EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
35651Q	ESSPWR	BUS B	BCHBDDA	BKR HBBD CONT PWR (C1 BACKFEED)	FF	BCP15D	E-353	A
25700	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	FF	1CP15A	E-356		
25735		1CABDC1L	ABDC1 CONTROL CIRCUIT	FF	1CP15A	E-356		
25739		1CAC101C	AC101 CONTROL CIRCUIT	FF	1CP15A	E-356-8		
25756		1CAC101D	AC101 CONTROL CIRCUIT	FF	1CP63C	E-424		
25795		1CAC1033A	SWGR C1 CONTROL	FF	1CP15A	E-356-8		
25810		1CAC1033B	SWGR C1 CONTROL	FF	1CP15A	E-356-8		
25828		1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP15A	E-356-8		
25929		C5715	SWGR C1 CONTROL ROOM PANEL	FF		E-353		
25930		C5763C	AC101 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
26000		C2	1CAC110C	AC110 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
25958	ACAACC2C		BACKFEED CONTROL CIRCUIT E34B/1	FF	ACP15B	E-356-1, 356-2		
25985	ACAACC2H		BACKFEED CONTROL CIRCUIT E34B/1	FF	ACP15B	E-356-2, 356-8		
26060U	ACAC2031A		BKR AMMETER AND TRIP AC110	FF	ACP15B	E-356-8	A	
26028	ACAC2032A		SWGR C2 CONTROL CIRCUIT	FF	ACP15B	E-356-8		
26053	C5715		SWGR C2 CONTROL ROOM PANEL	FF		E-353		
32122	C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	FF	2CP16C	E-353		
32129		2CY211B	CNTRL POWER TO IND LTS FOR C5705	FF	2CP02C	E-356-8		
32133				FF	2CP16C	E-356-8		
32134		2CY211C	CNTRL POWER TO IND LTS FOR C5710	FF	FLEX	E-356-8		
26605H		2CY419A	INDICATING POWER TO C5705 (PORV)	FF	5705C1	E-356-8	2 A	
32121L	C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8		
32121M		1CY112B	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8		
32121Q				FF	1CP63B	E-424		
32121R	C5709	1CY112C	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8		
32121V				FF	5706A4	E-356		
32134G		2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-353		
32134H		2CY211B	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-356-8		
32134L				FF	2CP02C	E-356-8		
32134M		2CY211C	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8		
31832		C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
31840			1CY112B	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP63B	E-424	
31844				FF	1CP16A	E-356-8		
31845	1CY112C		CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8		
31848				FF	5706A4	E-356		
31826E	2CY211A		CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CPN	E-356-1		
31826G				FF	2CP16C	E-353		
31826H	2CY211B		CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-353		
31826L				FF	2CP02C	E-356-8		
31826M	2CY211C		CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8		
31850	C5717		1CY116A	CTRL PWR TO IND LGTS FOR SVS C5717	FF	1CP17B	E-356-8	
32135			2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717	FF	2CP17C	E-356-8	
32142		2CY212B	CONTROL POWER TO C5755A	FF	2CP55A	E-424		
32146				FF	2CP17C	E-356-8		
27237	C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	FF	2CP55C	E-424		
32108	C5755D	2CY207A	120VAC CONTROL POWER	FF	2CP55D	E-353		
24620	C5755E	2CY206A	CONTROL POWER TO C5755E	FF	2CP55E	E-353		
32311	C5755G	2CY2A205A	CONTROL POWER TO C5755G	FF	2CP55G	E-356-11		
27230	C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	FF	2CP56D	E-424		
32500		4CY407A	CONTROL POWER TO SFAS-4 PANEL C5756D	FF	46865G	E-353		
32712	C5759C	BPYBU51A	INS POWER NNI-X BUS	FF	46189B	E-353		
32609	C5760D	APYAU26A	INST POWER FD TO NNI-Y BUS	FF	46188B	E-353		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP.	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
58204 31956	ESSPWR	C5761A	1CY115B 1CYE211A	CONT POWER SFRCS LOGIC CH 1 INST POWER TO SFRCS LOGIC CH 3	FF	1CPL	E-356-10 E-353	
31895 26811		C5762A	1CY121A 1PD1P11A	CONT POWER SFRCS RELAY CH 1 CONTROL POWER TO SFRCS RELAY CH 3	FF	1CP62A	E-356-10 E-353	
26700		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	FF	1CP62C	E-356-10	
31811		C5762D	1CY107A	120V AC CONTROL POWER	FF	1CP62E	E-356-10	
24630 31967A		C5762E	1CY106A	CONTROL POWER TO C5762E	FF	1CP62E	E-356-10 E-353, 356-10	
32017		C5763A	1CY1A105A	CONTROL POWER TO C5763A	FF	1CP63A	E-356	
26708 32400		C5763D	1CD1P19A 3CY307A	CONTROL POWER TO SFAS SVS C5763D 120V AC CONTROL POWER	FF	1CP63D	E-356-10 E-353	
31975 58605 27340		C5792	2CY221B 2PD2P11A	CONT POWER SFRCS RELAY CH 2 CONTROL POWER TO SFRCS PANEL C5792	FF	2CP92B	E-353 E-353 E-356-1	
31983 58705 31992		C5792A	2CY215B 2CYF211A	INST POWER SFRCS LOGIC CH 2 INST POWER TO SFRCS LOGIC CH 3	FF	2CP92B	E-353 E-353 E-353	
32318 32331		C5798	2CY207AA 2CY209AA	CONTROL POWER, NNI LTS - RCS VENT CNTRL PWR NNI, IND LTS - RCS VENT	FF	2CP98A	E-356 E-353	
32027 32053		C5799	1CY107AA 1CY109AA	CONT PWR NNI, IND LTS - RCS VENT CNTRL PWR NNI, IND LTS - RCS VENT	FF	1CP99A	E-353 E-353	
31803C		C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	FF	67002B*	E-355, 358	
32105		C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	FF	67199A	E-414	
31810H		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	FF	67002B*	E-355, 358	
32107E		C6715	2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	FF	67199A	E-416	
26200 26222 26236 26251 26283 26298 26314 26345 26364 26403 26404		D1	2CAACD1C 2CAACD1L 2CAD101C 2CAD101D 2CAD1033A 2CAD1033B 2CAD103A 2CGD203E 2CGD203F CS715 CS756C	AACD1 CONTROL CIRCUIT AACD1 CONTROL CIRCUIT AD101 CONTROL CIRCUIT AD101 CONTROL CIRCUIT SWGR D1 CONTROL CIRCUIT SWGR D1 CONTROL CIRCUIT 27/D1, 27A/D1 CONTROL CIRCUIT 27/D1, 27A/D1 CONTROL CIRCUIT 27/D1, 27A/D1 CONTROL CIRCUIT SWGR D1 CONTROL ROOM PANEL AD101 CONTROL ROOM PANEL (CH. 2)	FF	2CP15C	E-356 E-356 E-356-8 E-424 E-356-8 E-356-8 E-356-8 E-424 E-424 E-353 E-353	
27004 27050Y 27052E 27053I 27023 27047 27052M		D2	2CAD110C BCABDD2C BCABDD2H BCAD2031A BCAD2032A CS715	AD110 CONTROL CIRCUIT CNTRL CIRC TO C5715 (BACKFEED) E32B/7 CNTRL CIRC TO C5715 (BACKFEED) E32B/7 BKR AMMETER AND TRIP AD110 SWGR D2 CONTROL CIRCUIT CNTRL RM STATION ELEC DISTRIBUTION PANEL	FF	2CP15C BCP15D BCP15D BCP15D BCP15D	E-356-8 E-356-8 E-353, 356-8 E-356-8 E-356-8 E-353 E-353	A
28600 28623 28640 28663 28686 28703 28718		E1	1CAC11CED 1CAC11CEF 1CAC12CED 1CAC12CEF 1CBCE11B 1CBCE12B CS715	AC1CE11 CONTROL CIRCUIT AC1CE11 CONTROL CIRCUIT AC1CE12 CONTROL CIRCUIT AC1CE12 CONTROL CIRCUIT BCE11 CONTROL CIRCUIT BCE12 CONTROL CIRCUIT USS E1 CONTROL ROOM PANEL (CH. 1)	FF	1CP15A	E-356-8 E-356-8 E-356-8 E-356-8 E-356-8 E-356-8 E-353	
30300 30321 30336 30357 30378 30391 30405 30406		F1	2CAD11DFD 2CAD11DFF 2CAD12DFD 2CAD12DFF 2CBDF11B 2CBDF12B BDF12 CS715	AD1DF11 CONTROL CIRCUIT AD1DF11 CONTROL CIRCUIT AD1DF12 CONTROL CIRCUIT AD1DF12 CONTROL CIRCUIT BDF11 CONTROL CIRCUIT BDF12 CONTROL CIRCUIT 480V ESSEN SWGR BUS F1 BREAKER (CH. 2) USS F1 CONTROL ROOM PANEL (CH. 2)	FF	2CP15C 2CP15C 2CP15C 2CP15C 2CP15C 2CP15C	E-356-8 E-356-8 E-356-8 E-356-8 E-356-8 E-356-8 E-353 E-353	
31612 31631		F7	BCAD2DF7D BCAD2DF7F	AD2DF7 CONTROL CIRCUIT AD2DF7 CONTROL CIRCUIT	FF	BCP15D BCP15D	E-356-8 E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
31655	ESSPWR	F7	BCBDF7B	BDF7 CONTROL CIRCUIT	FF	BCP15D	E-353	
31639			BCBF7A	BDF7 CONTROL CIRCUIT	FF	BCP15D	E-338	
31658			C5715	F7 CONTROL PANEL (CH B)	FF		E-353	
31662					FF		E-353	
33808	HPIS	HP02A	2CBF1139F	MVHP02A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
33815			2CBF1139G	MVHP02A CONTROL CIRCUIT	FF	2CP56C	E-424	
33825			C5756C	MVHP02A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
33908		HP02B	2CBF1141F	MVHP02B CONTROL CIRCUIT	FF	2CP16C	E-356-8	
33916			2CBF1141G	MVHP02B CONTROL CIRCUIT	FF	2CP56C	E-424	
33926			C5756C	MVHP02B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
34009		HP02C	1CBE1103F	MVHP02C CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34017			1CBE1103G	MVHP02C CONTROL CIRCUIT	FF	1CP63C	E-424	
34029A			C5716	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34030			C5763C	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34109		HP02D	1CBE1105F	MVHP02D CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34117			1CBE1105G	MVHP02D CONTROL CIRCUIT	FF	1CP63C	E-424	
34129A			C5716	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34130			C5763C	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34211		HP31	2CBF1194F	MVHP31 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34313		HP32	1CBE1286F	MVHP32 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34323A			C5716	MVHP32 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34800		P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34814			1CAC111C	MP0581 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34837			1CAC111F	MP0581 CONTROL CIRCUIT	FF	1CP63C	E-424	
34856A			C5716	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34857			C5763C	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34900		P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34915			2CAD111C	MP0582 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34940			2CAD111F	MP0582 CONTROL CIRCUIT	FF	2CP56C	E-424	
34959			C5756C	MP0582 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39202	MSS	ICS11A	2CVCS11AC	SVICS11A CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39215			2CVCS11AG	SVICS11A CONTROL CIRCUIT	FF	2CP92A	E-356-1	
39216					FF	2CP92D	E-353	
39218			C5717	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39219			C5756D	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39225			C5792	SVICS11A CONTROL ROOM PANEL (CH 2)	FF		E-353	
39302		ICS11B	1CVCS11BC	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39312			1CVCS11BE	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39321			C5717	SVICS11B CONTROL ROOM PANEL (CH.1)	FF		E-353	
39319			C5762A	SVICS11B CONTROL ROOM PANEL (CH 1)	FF		E-353	
39322			C5763D	SVICS11B CONTROL RM PNL (CH.1)	FF		E-353	
39413		MS100	1CFV100DH	FV100 CONTROL CIRCUIT	FF	1CP62A	E-353	
39414					FF	1CPA62	E-353	
39415			1CFV100DJ	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39416					FF	57961B	E-353	
39418					FF	1CP62A	E-353	
39423B			1CFV100BG	FV100 CONTROL CIRCUIT	FF	67007B*	E-355, 358	
39427					FF	1CP62A	E-353	
39429					FF	1CPA	E-353	
39430			1CFV100EH	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39431					FF	1CP62A	E-353	
39432					FF	57961B	E-356	
39446			2CFV100AE	FV100 CONTROL CIRCUIT	FF	2CP92A	E-353	
39447					FF	2CP92D	E-353	
39474			2CFV100BG	FV100 CONTROL CIRCUIT	FF	2CP92A	E-353	
39475					FF	2CP92D	E-353	
39490			2CRSCC12A	SV100B CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39496					FF	2CP92A	E-353	
39497					FF	2CP92D	E-353	
39498			2CRSCC14A	SV100A CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39499E					FF	2CP92A	E-353	
39499F					FF	2CP92D	E-353	
39480			C5762A	FV100 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39481			C5792	FV100 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39550		MS100-1	2CRSCC12A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39556					FF	2CP92A	E-353	
39557					FF	2CP92D	E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39558	MSS	MS100-1	2CRSCC14A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39564					FF	2CP92A	E-353	
39565					FF	2CP92D	E-353	
39520			2CV1001F	V100/SV1001 CONTROL CIRCUIT	FF	2CP92A	E-353	
39521					FF	2CP92D	E-353	
39523			C5717	V1001 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39524			C5792	V1001 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39612		MS101	1CFV101AE	FV101 CONTROL CIRCUIT	FF	1CP62A	E-356	
39613					FF	1CPA62	E-353	
39614			1CFV101B	FV101 CONTROL CIRCUIT	FF	UNSCHEM	E-356-8	
39633			1CFV101BG	FV101 CONTROL CIRCUIT	FF	1CP62A	E-353	
39634					FF	1CPA62	E-353	
39690			1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39696A					FF	1CP62A	E-356-10	
39697					FF	1CPA62	E-353	
39698			1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39698G					FF	1CP62A	E-356-10	
39698H					FF	1CPA62	E-353	
39668			2CFV101DH	FV101 CONTROL CIRCUIT	FF	2CP92A	E-356, 313	
39669					FF	2CP92D	E-353	
39658			2CFV101DJ	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39659					FF	57961C	E-353	
39660					FF	2CP92A	E-353	
39656			2CFV101EG	FV101 CONTROL CIRCUIT	FF	2CP92A	E-353, 423	
39657					FF	2CP92D	E-353	
39644			2CFV101EH	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39645					FF	57961C	E-353	
39646					FF	2CP92A	E-353	
39676			C5708	FV101 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39671			C5762A	FV101 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39673			C5792	FV101 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39674			C5792N	FV101 CONTROL ROOM PANEL (CH 2)	FF		E-353	
39750		MS101-1	1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39757					FF	1CP62A	E-356-10	
39758					FF	1CPA62	E-353	
39759			1CRSCC13A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39766					FF	1CP62A	E-356-10	
39767					FF	1CPA62	E-353	
39730			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	FF	1CP62A	E-353	
39731					FF	1CPA62	E-353	
39734			C5717	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39735			C5762A	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
40816	MUPS	MU01A	2CBF1237F	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40835			2CBF1237K	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40849			C5703	MVMU01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
40916		MU01B	2CBF1238F	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40934			2CBF1238K	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40947			C5703	MVMU01B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41012		MU02A	1CBE1171F	MVMU02A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
41022			1CBE1171G	MVMU02A CONTROL CIRCUIT	FF	1CP63C	E-424	
41041			C5717	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41042			C5763C	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41110		MU02B	1CBE1172F	MVMU02B CONTROL CIRCUIT	FF	1CP02A	E-356-8	
41153			C5703	MVMU02B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41200		MU03	2CSF1744A	SVMU03 CONTROL CIRCUITS	FF	2CP17C	E-356-8	
41220			2CVMU03C	SVMU03 CONTROL CIRCUIT	FF	2CP17C	E-353	
41233			2CVMU03E	SVMU03 CONTROL CIRCUIT	FF	2CP56D	E-356-10	
41244			C5715	SVMU03 CONTROL ROOM PANEL	FF		E-353	
42111		MU04	ACBE2259C	MU4 CONTROL CIRCUIT	FF	ACP02B	E-356	
42119			C5703	MU4 CONTROL ROOM PANEL (CH A)	FF		E-353	
41313		MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	FF	ACP02B	E-356	
41320			C5703	MU10A CONTROL ROOM PANEL (CH A)	FF		E-353	
41413		MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	FF	ACP02B	E-356	
41419			C5703	MU10B CONTROL ROOM PANEL (CH A)	FF		E-353	
41514		MU11	ACBE2278C	MU11 CONTROL CIRCUIT	FF	ACP02B	E-356	
41536			ACBE2278I	MU11 CONTROL CIRCUIT	FF	ACP02B	E-356	
41550			ACBE2278J	MU11 CONTROL CIRCUIT	FF	ACP61B	E-356	
41561			ACBE2278L	MU11 CONTROL CIRCUIT	FF	ACP59C	E-356	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
41578	MUPS	MU11	C5702	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41580			C5759C	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41579			C5761B	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41602		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41611			BCNNI264A	MU19 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41645			BLNNI261D	MU19 CONTROL CIRCUIT	FF	BLP59C	E-356-10	
41653			BLNNI264B	MU19 CONTROL CIRCUIT	FF	BLP59C	E-356-10	
41659			C5759C	MU19 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41713		MU1903	ACBE2271C	MU1903 CONTROL CIRCUIT	FF	ACP02B	E-356	
41719			C5703	MU1903 CONTROL ROOM PANEL (CH A)	FF		E-353	
41800		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41826			BLCOP532A	MU32 INSTRUMENTATION CIRCUIT	FF	BLP52F	E-356-10	
41843			BLNNI264D	MU32 CONTROL CIRCUIT	FF	BLP59C	E-356-10	
41853			C5752F	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41854			C5759C	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41917		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	FF	2CP17C	E-356-8	
41928			2CVMU38D	SVMU38 CONTROL CIRCUIT	FF	2CP56D	E-424	
41950			2CVMU38E	SVMU38 CONTROL CIRCUIT	FF	2CP56D	E-424	
41951			C5717	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41952			C5756D	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
42007		MU3971	2CBF1617A	MV3971 CONTROL CIRCUIT	FF	UNSCHED	E-353	
42059			ACHILOWAA	MV3971 CONTROL CIRCUIT	FF	ACPG	E-353	
42060					FF	ACP59C	E-356	
42061			ACHILOWAB	MV3971 CONTROL CIRCUIT	FF	ACP59C	E-356	
42062					FF	ACPG	E-353	
42063					FF	ACP60D	E-353	
42065			ACHILOWAC	MV3971 CONTROL CIRCUIT	FF	ACP59C	E-356	
42066					FF	ACPG	E-353	
42068					FF	ACP60D	E-356	
42070			C5703	MV3971 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42079			C5759C	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42080			C5760D	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42219		MU59A	1CBE1174F	MU59A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
42227			1CBE1174G	MU59A CONTROL CIRCUIT	FF	1CP63D	E-424	
42237			C5717	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42238			C5763D	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42319		MU59B	1CBE1175F	MU59B CONTROL CIRCUIT	FF	1CP17A	E-356	
42327			1CBE1175G	MU59B CONTROL CIRCUIT	FF	1CP63D	E-424	
42335			C5717	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42336			C5763D	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42419		MU59C	1CBE1177F	MU59C CONTROL CIRCUIT	FF	1CP17A	E-356	
42427			1CBE1177G	MU59C CONTROL CIRCUIT	FF	1CP63D	E-424	
42439			C5717	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42440			C5763D	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42519		MU59D	1CBE1178F	MU59D CONTROL CIRCUIT	FF	1CP17A	E-356	
42527			1CBE1178G	MU59D CONTROL CIRCUIT	FF	1CP63D	E-424	
42541			C5717	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42542			C5763D	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42610		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	FF	UNSCHED	E-353	
42638			ACHILOWAA	MV6405 CONTROL CIRCUIT	FF	ACPG	E-353	
42639					FF	ACP59C	E-356	
42640			ACHILOWAB	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42642					FF	ACP60D	E-356-10	
42644			ACHILOWAC	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42647					FF	ACP60D	E-356-10	
42649			C5703	MV6405 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42656			C5759C	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42657			C5760D	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42702		MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	FF	UNSCHED	E-335	
42736			C5703	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42737			C5706/10	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42812		MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	FF	UNSCHED	E-353	
42825			C5703	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42826			C5706/10	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42905		MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	FF	UNSCHED	E-353	
42942			C5703	MV6408 CONTROL ROOM PANEL (CH 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43010	MUPS	MU6409	1CBEL147A	MV6409 CONTROL CIRCUIT	FF	UNSCHED	E-353	
43022			CS703	MV6409 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43108		MU6419	1CBEL295A	MV6419 CONTROL CIRCUIT	FF	UNSCHED	E-353	
43127			CS703	MV6419 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43207		MU6420	2CBF1616A	MU6420 CONTROL CIRCUIT	FF	UNSCHED	E-353	
43247			CS703	MV6420 CONTROL ROOM PANEL (CH 2)	FF		E-353	
43311		MU6421	1CBEL194A	MV6421 CONTROL CIRCUIT	FF	1CP17B	E-356	
43320A			1CBEL194H	MV6421 CONTROL CIRCUIT	FF	1CP17B	E-356-8	3 A
43320E					FF	57092A	E-356-8	3 A
43328			CS717	MV6421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43406		MU6422	2CBF1108A	MV6422 CONTROL CIRCUIT	FF	2CP17C	E-353	
43420A			2CBF1108H	MV6422 CONTROL CIRCUIT	FF	2CP17C	E-356-8	3 A
43420E					FF	5705C1	E-356-8	3 A
43429			CS717	MV6422 CONTROL ROOM PANEL (CH 2)	FF		E-353	
43541		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	FF	2CP18A	E-356	
43509			2CVMU66AB	SVMU66A CONTROL CIRCUIT	FF	2CP56D	E-424	
43514			2CVMU66AD	SVMU66A CONTROL CIRCUIT	FF	2CP18A	E-356-8	
43543			CS717	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43544			CS756D	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43638		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	FF	1CP17B	E-356	
43611			1CVMU66BB	VMU66B CONTROL CIRCUIT	FF	1CP63C	E-424	
43618			1CVMU66BD	VMU66B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
43640			CS717	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43641			CS763C	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43738		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	FF	1CP17B	E-356	
43703			1CVMU66CB	VMU66C CONTROL CIRCUIT	FF	1CP63C	E-424	
43717			1CVMU66CD	VMU66C CONTROL CIRCUIT	FF	1CP17A	E-356-8	
43740			CS717	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43741			CS763C	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43841		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	FF	2CP18A	E-356	
43811			2CVMU66DB	SVMU66D CONTROL CIRCUIT	FF	2CP56C	E-424	
43822			2CVMU66DD	SVMU66D CONTROL CIRCUIT	FF	2CP18A	E-356-8	
43843			CS717	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43844			CS756C	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43900		P-371B	ACBE1191B	MP0371B CONTROL CIRCUIT	FF	ACP02B	E-356-8	
43931			CS704	MP0371B CONTROL ROOM PANEL (CH. A)	FF		E-353	
44014		P-371C	ACD117C	MP0371C CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44061N			ACD117I	MP0371C CONTROL CIRCUIT	FF	57092A	E-356-8	3 A
44082			CS704	MP0371C CONTROL ROOM PANEL (CH. A)	FF		E-353	
44103		P-371D	ACBE1192C	MP0371D CONTROL CIRCUIT	FF	ACP02B	E-356-8	
44177			CS704	MP0371D CONTROL ROOM PANEL (CH. A)	FF		E-353	
44200		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44233			CS704	MP0372B CONTROL ROOM PANEL (CH. B)	FF		E-353	
44314		P-372C	BCD217C	MP0372C CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44392			CS704	MP0372C CONTROL ROOM PANEL (CH. B)	FF		E-353	
44404		P-372D	BCBF1168C	MP372D CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44501			CS704	MP372D CONTROL ROOM PANEL (CH. B)	FF		E-353	
44608		P37-1	ACAC105B	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44616			ACAC105C	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44615V			ACAC105L	MP0371A CONTROL CIRCUIT	FF	57092A	E-353	3 A
44623V			ACAC105M	MP0371A CONTROL CIRCUIT	FF	57092A	E-356	3 A
44679			CS704	MP0371A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
44708		P37-2	BCAD105B	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44721			BCAD105C	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44813			CS704	MP0372A CONTROL ROOM PANEL (CH. B)	FF		E-353	
44939		WC1453	ACV1453G	WC1453 CONTROL CIRCUIT	FF	ACP20A	E-356	
44946			CS718	WC1453 CONTROL ROOM PANEL (CH A)	FF		E-353	
45171		WC1743	ACV1743G	WC1743 CONTROL CIRCUIT	FF	ACP20A	E-353, 356-9	
45178			CS718	CONTROL ROOM BENCH BOARD	FF		E-353	
45040		WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	FF	BCP20B	E-356	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45045	MUPS	WC1747	CS718	WC1747 CONTROL ROOM PANEL (CH B)	FF		E-353	
45110		WC3560	ACV3560C	WC3560 CONTROL CIRCUIT	FF	ACP20A	E-356	
45125			CS718	WC3560 CONTROL ROOM PANEL (CH A)	FF		E-353	
45220	NI	NI-5874A	1LNFS874G	NE5874, NI5874A INDICATING CIRCUIT	FF	1LP63A	E-353	
45221					FF	5763A5	E-353	
45225			CS799	NE5874, NI5874A CONTROL ROOM PANEL	FF		E-353	
45228			NI5874A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45423		NI-5875A	2LNFS875G	NE5875, NI5875A INDICATING CIRCUIT	FF	2LP55G	E-353	
45426					FF	5755G5	E-353	
45430			CS798	NE5875, NI5875A CONTROL ROOM PANEL	FF		E-353	
45433			NI5875A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45602		NI-NI1	2LRPSA03A	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	47550A	E-356-1	
45605			2LRPSA03B	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	47550A	E-356-1	
45608			2LRPSA03C	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	47550A	E-356-1	
45615A			BLNI2201	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	UNSCHEDE	E-356-1	
45615E					FF	UNSCHEDE	E-356-1	
45618			CS755E	NE, NT, NI-NI1 CTRM PANEL (CH. 2)	FF		E-353	
45620			NI-NI1	SOURCE RANGE INDICATOR (CH. 2)	FF		E-353	
45705		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	38600A	E-356-1	
45711			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	38600A	E-356-1	
45717			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	38600A	E-356-1	
45730A			ALNI1201	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	UNSCHEDE	E-356-1	
45730E					FF	UNSCHEDE	E-356-1	
45733			CS762E	NE, NT, NI-NI2 CTRL RM PANEL (CH. 1)	FF		E-353	
45735			NI-NI2	SOURCE RANGE INDICATOR (CH. 1)	FF		E-353	
44799P	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	FF	C5755A	E-356-1	1 A
44799Q					FF	5755G7	E-356-1	1 A
44799R					FF	5755G7	E-353	1 A
44799Z					FF	C5755G	E-356-1	
44795U			2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	FF	C5755G	E-356-1	
44795V					FF	5755G9	E-356-1	
44795X					FF	C5755H	E-356-1	
44799S					FF	2LP55J	E-356-1	1 A
44799X					FF	57093A	E-356-1	1 A
44795P			CS703	FT, FI-MU31 CONTROL ROOM PANEL	FF		E-353	
44795R			FI-MU31	RC MU FLOW INDICATOR	FF		E-353	
44796N		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	FF	C5755B	E-356-1	1 A
44796P					FF	C5755A	E-356-1	1 A
44796R					FF	5755G7	E-353	1 A
44798P					FF	C5755G	E-356-1	
44796S			2LLMU34B	FT, FI-MU34 INDICATING CIRCUIT	FF	2LP55G	E-356-1	1 A
44796X					FF	57093A	E-356-1	1 A
44798L					FF	C5755G	E-356-1	
44798M					FF	5755G9	E-356-1	
44798O					FF	C5755H	E-356-1	
44798F			CS703	FT, FI-MU34 CONTROL ROOM PANEL	FF		E-353	
44798H			FI-MU34	RC MU FLOW INDICATOR	FF		E-353	
45750		FI6425	1LL6425A	FT, FI6425 INDICATING CIRCUIT	FF	17815C	E-348	
45751			1LL6425B	FT, FI6425 INDICATING CIRCUIT	FF	5763A8	E-353	
45757			CS702	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45758			CS705	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45756			CS763A	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45760			FI6425	RC MU FLOW INDICATOR (CH A)	FF		E-353	
45762			JY6425	FT, FI6425 POWER SUPPLY (CH A)	FF		E-353	
45780		FI6435	1LL6435A	FT, FI6435 INDICATING CIRCUIT	FF	17815C	E-348	
45781			1LL6435B	FT, FI6435 INDICATING CIRCUIT	FF	5763A8	E-353	
45787			CS702	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45788			CS703	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45786			CS763A	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45791			FI6435	RCMU FLOW INDICATOR (CH B)	FF		E-353	
45792			JY6435	FT, FI6435 POWER SUPPLY (CH B)	FF		E-353	
45805A		FYI-HP03A	2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-1,8	
45813			CS716	FYIHP03A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
45814			FYIHP03A	HPI FLOW INDICATOR	FF		E-353	
46006		FYI-HP03B	2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-8	
46014			CS716	FYIHP03B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
46015			FYIHP03B	HPI FLOW INDICATOR (CH. 2)	FF		E-353	
46211		FYI-HP03C	1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
46219	NNI	FYI-HP03C	C5716	FYIHP03C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
46220			FYIHP03C	HPI FLOW INDICATOR (CH. 1)	FF		E-353	
46410		FYI-HP03D	1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8	
46418			C5716	FYIHP03D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
46419			FYIHP03D	HPI FLOW INDICATOR (CH. 1)	FF		E-353	
46800		LI-RC14-3	1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	FF	5702A1	E-356-8	
46822			C5705	LT-RC14-3, LI-RC14-3 CTRL RM PNL	FF		E-353	
46824			LI-RC14-3	PRESSURIZER LEVEL INDICATOR (CH. 1)	FF		E-353	
46900		LI-RC14-4	2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	FF	36591G	E-353	
46918			C5705	LT-RC14-1, LI-RC14-4 CTRL RM PNL	FF		E-353	
46920			LI-RC14-4	PRESSURIZER LEVEL INDICATOR (CH. 2)	FF		E-353	
47018		LI-SP09A1	C5712	LT-SP09A3, LI-SP09A1 CTRL RM PNL	FF		E-353	
47019			LI-SP09A1	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	FF		E-353	
47201		LI-SP09A8	2LSGLT21A	LT, LI-SP09A8 INDICATING CIRCUIT	FF	2LP92B	E-353	
47203					FF	2LP92A	E-356-1	
47209			C5792A	LT, LI-SP09A8 CTRL ROOM PANEL	FF		E-353	
47210			LI-SP09A8	SG 1-2 START-UP LEVEL IND	FF		E-353	
47903		LI-SP09A8A	2LSGLT21A	LTSP09A8, LISP09A8A INDICATING CIRCUIT	FF	2LP92A	E-356-1	
47905					FF	2LP92B	E-353	
47909			2LSGLT21E	LTSP09A8, LISP09A8A INDICATING CIRCUIT	FF	2LP92B	E-353	
47911					FF	2LP92A	E-356-1	
47913					FF	UNSCHE	E-356	
47915			C5710	LTSP09A8, LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47914			C5792A	LTSP09A8, LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47918			LISP09A8A	SG1-2 STARTUP LEVEL INDICATOR (CH. 2)	FF		E-353	
47301		LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	FF	5739A3	E-353	
47310			C5792A	LT, LI-SP09A9 CTRL ROOM PANEL	FF		E-353	
47311			LI-SP09A9	SG 1-2 START-UP LEVEL IND	FF		E-353	
47400		LI-SP09B1	1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	FF	5711A1	E-356-8	
47423			C5712	LT-SP09B3, LI-SP09B1 CTRL RM PNL	FF		E-353	
47424			LI-SP09B1	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	FF		E-353	
47601		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	FF	1LP61A	E-353	
47613			C5761A	LT, LI-SP09B8 CTRL ROOM PANEL	FF		E-353	
47614			LI-SP09B8	SG 1-1 START-UP LEVEL IND	FF		E-353	
47707		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISP09B8A INDICATING CIRCUIT	FF	5762C2	E-356	
47711					FF	1LP61A	E-356	
47715			1LSGLT11E	LTSP09B8, LISP09B8A INDICATING CIRCUIT	FF	1LP61A	E-353	
47717					FF	57803A	E-356	
47718					FF	UNSCHE	E-356	
47720			C5708	LTSP09B8, LISP09B8A CNTRL RM PNL (CH. 1)	FF		E-353	
47719			C5761A	LTSP09A8, LISP09B8A CNTRL RM PNL (CH. 1)	FF		E-353	
47723			LISP09B8A	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353	
47802		LI-SP09B9	1LSGLT31B	LT, LI-SP09B9 INDICATING CIRCUIT	FF	5738A3	E-353	
47810			C5761A	LT, LI-SP09B9 CTRL ROOM PANEL	FF		E-353	
47811			LI-SP09B9	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353	
48000		LRS-RC14	BLNNI111	LRS-RC14 INDICATING CIRCUIT	FF	BLP59B	E-356-10	
48004					FF	BLP02D	E-353	
48006			BLNNI153D	LRS-RC14 INDICATING CIRCUIT	FF	BLP59B	E-356-10	
48014			C5705	LRS-RC14 CONTROL ROOM PANEL	FF		E-353	
48015			C5759B	LRS-RC14 CONTROL ROOM PANEL	FF		E-353	
48016			LRS-RC14	PRZR LEVEL RECORDER	FF		E-353	
48018			LT-RC14-2	LRS-RC14 LEVEL TRANSMITTER	FF		E-353	
48019			LY-RC14	LRS-RC14 LEVEL CONVERTOR	FF		E-353	
48120		PI-6365A	2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	FF	2LP55G	E-424	
48123			2LP6365AE	PT6365A, PI6365A INDICATING CIRCUIT	FF	2LP55G	E-424	
48125			C5755G	PT6365A, PI6365A CONTROL ROOM PANEL	FF		E-353	
48126			C5798	PT6365A, PI6365A CONTROL ROOM PANEL	FF		E-353	
48130			PI6365A	RCS LOOP 2 EXTND PRESS INDICATOR (CH. 2)	FF		E-338	
48340		PI-6365B	1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	FF	48408B	E-356	
48341					FF	1LP63A	E-353	
48344			1LP6365BE	PT6365B, PI6365B INDICATING CIRCUIT	FF	1LP63A	E-353	
48346			C5763A	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-338	
48347			C5799	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-353	
48350			PI6365B	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	FF		E-353	
48504		PI-RC2A3	4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	FF	5756D2	E-356-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48505	NNI	PI-RC2A3	4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	FF	4LP56D	E-356-1	
48510			BLSF1653A	PT, PI-RC2A3 INDICATING CIRCUIT	FF	BLP56D	E-356-10	
48514					FF	BLP16B	E-356-8	
48515			C5756D	PT, PI-RC2A3 CONTROL ROOM PANEL	FF		E-353	
48518			PI-RC2A3	RCS LOOP 2 PRESSURE INDICATOR (CH. 4)	FF		E-353	
48600		PI-RC2A4	2LSF1652A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	FF	57100C	E-353	
48601					FF	2LP55C	E-353	
48604					FF	57100A	E-353	
48608			2LSFPT21A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	FF	5755C2	E-356-1	
48609					FF	2LP55C	E-356-1	
48614			C5755C	PT-RC2A4, PI-RC2A4 CTRL RM PANEL	FF		E-353	
48617			PI-RC2A4	RCS LOOP 2 PRESSURE INDICATOR (CH. 2)	FF		E-353	
48703		PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	FF	5763D2	E-356-1	
48709			ALSF1603A	PT, PI-RC2B3 INDICATING CIRCUIT	FF	ALP63D	E-423	
48713					FF	ALP16B	E-356-8	
48714			C5762C	PT, PI-RC2B3 CONTROL ROOM PANEL	FF		E-353	
48715			C5763D	PT, PI-RC2B3 CTRL ROOM PANEL	FF		E-353	
48718			PI-RC2B3	RCS LOOP 1 PRESSURE INDICATOR (CH. 3)	FF		E-353	
48800		PI-RC2B4	1LSF1602A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	FF	57101A	E-353	
48801					FF	1LP62C	E-353	
48810			1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	FF	5762C2	E-356-1	
48811					FF	1LP62C	E-356-1	
48817			C5762C	PT-RC2B4, PI-RC2B4 CTRL RM PANEL	FF		E-353	
48820			PI-RC2B4	RCS LOOP 1 PRESSURE INDICATOR (CH. 1)	FF		E-353	
48900		PI-SP12A	2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	FF	36591F	E-353	
48919			C5710	PT-SP12A2, PI-SP12A CONTROL ROOM PANEL	FF		E-353	
48922			PI-SP12A	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	FF		E-353	
49109		PI-SP12A1-A	ALNNI852G	PTSP12A1, PISPI2A1A INDICATING CIRCUIT	FF	ALP60D	E-353, 356	
49110			ALSP12A1A	PTSP12A1, PISPI2A1A INDICATING CIRCUIT	FF	ALP60D	E-356	
49117			C57112	PTSP12A1, PISPI2A1A CNTRL RM PNL (CH. A)	FF		E-353	
49116			C5760D	PTSP12A1, PISPI2A1A CNTRL RM PNL (CH. A)	FF		E-353	
49119			PISPI2A1A	SG1-2 OUTLET PRESSURE INDICATOR (CH. A)	FF		E-353	
49200		PI-SP12B	1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	FF	5711A1	E-356-8	
49226			C5708	PT-SP12B1, PI-SP12B CONTROL ROOM PANEL	FF		E-353	
49229			PI-SP12B	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	FF		E-353	
49410		PI-SP12B2	BLNNI109B	PTSP12B2, PISPI2B2 INDICATING CIRCUIT	FF	BLP59B	E-356-10	
49411			BLSP12B2A	PTSP12B2, PISPI2B2 INDICATING CIRCUIT	FF	UNSCHEM	E-356-10	
49413					FF	BLP59C	E-356-10	
49420			C5712	PTSP12B2, PISPI2B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49416			C5759B	PTSP12B2, PISPI2B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49419			C5759C	PTSP12B2, PISPI2B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49422			PISPI2B2	SG1-1 OUTLET PRESSURE INDICATOR (CH. B)	FF		E-353	
49600		TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	5755B2	E-353	
49605			2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	36591J	E-353	
49617			C5755E	TE, TT, TI-RC3A4 CTRL RM PNL	FF		E-353	
49618			C5755F	TE, TT, TI-RC3A4 CONTROL RM PNL	FF		E-353	
49623			TT-RC3A4	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49702		TI-RC3A5	1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT	FF	1LP63A	E-353	
49714			1LTRC3A5C	TE, TT, TI-RC3A5 INDICATING CIRCUIT	FF	1LP63A	E-353	
49715			C5763A	TE, TT, TI-RC3A5 CONTROL RM PNL	FF		E-353	
49716			C5799	TE, TT, TI-RC3A5 CONTROL RM PNL	FF		E-353	
49720			TI-RC3A5	RCS LOOP 2 HOT LEG TEMP INDICATOR	FF		E-353	
49721			TT-RC3A5	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49805		TI-RC3A6	2LTRC3A6B	TE, TT, TI-RC3A6 INDICATING CIRCUIT	FF	2LP55G	E-424	
49812			2LTRC3A6C	TE, TT, TI-RC3A6 INDICATING CIRCUIT	FF	2LP55G	E-424	
49814			C5755G	TE, TT, TI-RC3A6 CONTROL RM PNL	FF		E-353	
49815			C5798	TE, TT, TI-RC3A6 CONTROL RM PNL	FF		E-353	
49819			TI-RC3A6	HOT LOOP 2 HOT LEG TEMP INDICATOR	FF		E-353	
49820			TT-RC3A6	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49900		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	FF	5762B2	E-353	
49906			1LRPSB07B	TE, TT, TI-RC3B2 INDICATING CIRCUIT	FF	37726F	E-353	
49919			C5762E	TE, TT, TI-RC3B2 CONTROL RM PNL	FF		E-353	
49924			TT-RC3B2	RCS LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-366	
50005		TI-RC3B5	1LTRC3B5B	TE, TT, TI-RC3B5 INDICATING CIRCUIT	FF	1LP63A	E-424	
50016			1LTRC3B5C	TE, TT, TI-RC3B5 INDICATING CIRCUIT	FF	1LP63A	E-424	
50018			C5763A	TE, TT, TI-RC3B5 CONTROL RM PNL	FF		E-353	
50019			C5799	TE, TT, TI-RC3B5 CONTROL RM PNL	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
50023	NNI	TI-RC3B5	TI-RC3B5	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353		
50024			TT-RC3B5	HOT LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-353		
50102		TI-RC3B6	2LTRC3B6B	TE, TT, TI-RC3B6 INDICATING CIRCUIT	FF	2LP55G	E-424		
50109			2LTRC3B6C	TE, TT, TI-RC3B6 INDICATING CIRCUIT	FF	2LP55G	E-424		
50110			CS755G	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353		
50111			CS798	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353		
50115			TI-RC3B6	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353		
50116			TT-RC3B6	RCS LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-353		
50200	TI-RC4A2		BLNNI154B	TE, TT, TI-RC4A2 INDICATING CIRCUIT	FF	BLP59B	E-356-10		
50216			CS759B	TE, TT, TI-RC4A2 CONTROL RM PNL	FF		E-353		
50220			TI-RC4A2	RCS LOOP 2 COLD LEG TEMP INDICATOR	FF		E-353		
50221			TT-RC4A2	RCS LOOP 2 COLD LEG TEMP TRANSMITTER	FF		E-353		
50300	TI-RC4A4		ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	FF	ALP60D	E-356-10		
50313			CS760D	TE, TT, TI-RC4A4 CONTROL RM PNL	FF		E-353		
50317			TI-RC4A4	RCS LOOP 2 COLD LEG TEMP INDICATOR	FF		E-353		
50318			TT-RC4A4	RCS LOOP 2 COLD LEG TEMP TRANSMITTER	FF		E-353		
50400	TI-RC4B2		BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	FF	BLP59B	E-356-1, 5		
50414			CS759D	TE, TT, TI-RC4B2 CONTROL RM PNL	FF		E-353		
50418			TI-RC4B2	RCS LOOP 1 COLD LEG TEMP INDICATOR	FF		E-353		
50419			TT-RC4B2	RCS LOOP 1 COLD LEG TEMP TRANSMITTER	FF		E-353		
50500	TI-RC4B4		ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	FF	ALP60D	E-356-1, 3		
50514			CS760D	TE, TT, TI-RC4B4 CONTROL RM PNL	FF		E-353		
50518			TI-RC4B4	RCS LOOP 1 COLD LEG TEMP INDICATOR	FF		E-353		
50519			TT-RC4B4	RCS LOOP 1 COLD LEG TEMP TRANSMITTER	FF		E-353		
50631	RCS	RC11	1CBE1602K	MVRC11 CONTROL CIRCUIT	FF	1CP02A	E-356-8		
50645			CS705	MVRC11 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
50700		RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	FF	2CP98A	E-353	12 D	
50700A						FF	2CP98A	E-353	12 A
50722			CS798	MV0200 CONTROL ROOM PANEL (CH. 2)	FF		E-353		
50808		RC239A	2CBF1126F	MV0239A CONTROL CIRCUIT	FF	2CP02C	E-356-8		
50815			2CBF1126G	MV0239A CONTROL CIRCUIT	FF	2CP98A	E-356		
50819					FF	2CP02C	E-356		
50842			CS705	MV0239A CONTROL ROOM PANEL (CH. 2)	FF		E-353		
50908	RC239B		2CBF1127F	MV0239B CONTROL CIRCUIT	FF	2CP02C	E-356-8		
50931			CS705	MV0239B CONTROL ROOM PANEL (CH. 2)	FF		E-353		
51056M		RC2A	2CVRC2L	SVRC2A (PORV) INDICATING CIRCUIT	FF	5705C1	UNSCHEDULED	2 A	
51057A			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	FF	5705C1	E-356-8	2 A	
51045			BCVRC2H	SVRC2 CONTROL CIRCUIT	FF	BCP59B	E-356-10		
51049					FF	BCP02D	E-356-8		
51057N			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	FF	BCP59B	E-356-10	2 A	
51050			CS705	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353		
51051			FF		E-353				
51115	RC4608A		1CV4608AC	SV4608A CONTROL CIRCUIT	FF	1CP99A	E-353		
51125			1CV4608AD	SV4608A CONTROL CIRCUIT	FF	1CP99A	E-356-1		
51126			CS799	SV4608A CONTROL ROOM PANEL (CH. 1)	FF		E-353		
51218	RC4608B		1CV4608BC	SV4608B CONTROL CIRCUIT	FF	1CP99A	E-356-1		
51219			CS799	SV4608B CONTROL ROOM PANEL (CH. 1)	FF		E-353		
51307	RC4610A		2CV4610AC	SV4610A CONTROL CIRCUIT	FF	2CP98A	E-356-1		
51314			2CV4610AD	SV4610A CONTROL CIRCUIT	FF	2CP98A	E-356-1		
51315			CS798	SV4610A CONTROL ROOM PANEL (CH. 2)	FF		E-353		
51407	RC4610B		2CV4610BC	SV4610B CONTROL CIRCUIT	FF	2CP98A	E-356-1		
51408			CS798	SV4610B CONTROL ROOM PANEL (CH. 2)	FF		E-353		
51517	RC4632		2CV4632D	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8		
51530			2CV4632F	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8		
51542			CS705	SV4632 CONTROL ROOM PANEL	FF		E-353		
53504	SFAS	CS755D	2CY207A	120VAC CONTROL POWER	FF	2CP55D	E-424		
53606			CS762D	1CY107A	120V AC CONTROL POWER	FF	1CP62D	E-356-10	
53706			CS763D	3CY307A	120V AC CONTROL POWER	FF	46019G	E-353	
53807			CS765D	4CY407A	120VAC CONTROL POWER	FF	46865G	E-353	
51617			HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	FF	1CP17A	E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51608	SPAS	HIS6453	1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	FF	1CP63C	E-353	
51708		HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	FF	2CP17C	E-353	
51717			2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	FF	2CP56C	E-353	
51800		LI1525A	ALSF1601A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51804					FF	ALP16B	E-356-8	
51806		LI1525B	BLSF1651A	BWST LEVEL INDICATOR	FF	BLP16B	E-356-8	
51809					FF	BLP55C	E-424	
51810		LI1525C	ALSF1603A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51814					FF	ALP63D	E-424	
51815		LI1525D	BLSF1653A	BWST LEVEL INDICATOR	FF	BLP16B	E-356-8	
51819					FF	BLP56D	E-424	
52203		LSL1525A1	ALSF5811A	BWST LEVEL SWITCH	FF	ALP58C	E-356-10	
52204					FF	ALP62C	E-356-10	
52304		LSL1525B1	BLSF5821A	BWST LEVEL SWITCH	FF	BLP58E	E-356-10	
52305					FF	BLP55C	E-424	
52407		LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	FF	1LP62C	E-356-10	
52505		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	FF	2LP55C	E-424	
52606		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	FF	3LP63D	E-424	
52705		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	FF	4LP56D	E-424	
52803		PI2000	ALSF1601A	CTMT VESSEL PRESS INDICATOR	FF	ALP16B	E-356-8	
52804					FF	ALP62C	E-356-10	
52904		PI2001	BLSF1651A	CTMT VESSEL PRESS INDICATOR	FF	BLP16B	E-356-8	
52905					FF	BLP55C	E-424	
53003		PI2002	ALSF1603A	CTMT VESSEL PRESS INDICATOR	FF	ALP63D	E-424	
53004					FF	ALP16B	E-356-8	
53103		PI2003	BLSF1653A	CTMT VESSEL PRESS INDICATOR	FF	BLP56D	E-424	
53104					FF	BLP16B	E-356-8	
53203		PIRC2A3	BLSF1653A	RCS COOLANT PRESS INDICATOR	FF	BLP56D	E-424	
53204					FF	BLP16B	E-356-8	
53303		PIRC2A4	2LSF1652A	RCS COOLANT PRESS INDICATOR	FF	57100A	E-353	
53304					FF	2LP55C	E-424	
53403		PIRC2B3	ALSF1603A	RCS COOLANT PRESS INDICATOR	FF	ALP16B	E-356-8	
53404					FF	ALP63D	E-424	
53903		PSH2000B	ALSF5812A	CTMT VESSEL PRESS SWITCH	FF	ALP62C	E-356-10	
53904					FF	ALP58C	E-356-10	
54004		PSH2001B	BLSF5822A	CTMT VESSEL PRESS SWITCH	FF	BLP55C	E-424	
54005					FF	BLP58E	E-356-10	
54102		PT2000	1LSFPT12A	CTMT VESSEL PRESS XMTR	FF	1LP62C	E-356-10	
54203		PT2001	2LSFPT22A	CTMT VESSEL PRESS XMTR	FF	2LP55C	E-424	
54302		PT2002	3LSFPT32A	CTMT VESSEL PRESS XMTR	FF	58111A	E-353	
54409		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	FF	4LP56D	E-424	
55203		RI2004	ALSF1601A	CTMT VESSEL RADIATION IND	FF	ALP62C	E-356-10	
55204					FF	ALP16B	E-356-8	
55304		RI2005	BLSF1651A	CTMT VESSEL RADIATION IND	FF	BLP16B	E-356-8	
55305					FF	BLP55C	E-424	
55403		RI2006	ALSF1603A	CTMT VESSEL RADIATION IND	FF	ALP16B	E-356-8	
55404					FF	ALP63D	E-424	
55503		RI2007	BLSF1653A	CTMT VESSEL RADIATION IND	FF	BLP16B	E-356-8	
55504					FF	BLP56D	E-424	
55603		RSH2004A	ALSF5813A	CTMT VESSEL RADIATION SW	FF	ALP62C	E-356-10	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
55604	SPAS	RSH2004A	ALSF5813A	CTMT VESSEL RADIATION SW	FF	ALP58C	E-356-10	
55704		RSH2005A	BLSF5823A	CTMT VESSEL RADIATION SW	FF	BLP58E	E-356-10	
55705					FF	BLP55C	E-424	
55804	SFRCS	HIS100B	2CRC2121A	SFRCS LOGIC CH.2 TRIP BLOCK	FF	2CP92B	E-353	
55805					FF	5721C3	E-353	
55810			2CRC2121B	SFRCS LOGIC CH.2 TRIP BLOCK	FF	5721C3	E-353	
55811					FF	2CP92B	E-353	
55904		HIS100C	2CRC2141A	SFRCS LOGIC CH.4 TRIP BLOCK	FF	2CP92B	E-353	
55905					FF	5721C2	E-353	
55910			2CRC2141B	SFRCS LOGIC CH.4 TRIP BLOCK	FF	5721C2	E-353	
55911					FF	2CP92B	E-353	
56003		HIS101B	1CRC2111A	SFRCS LOGIC CH.1 TRIP BLOCK	FF	5721B1	E-353	
56007			1CRC2111B	SFRCS LOGIC CH.1 TRIP BLOCK	FF	5721B1	E-353	
56103		HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	FF	5721B2	E-353	
56107			1CRC2131B	SFRCS LOGIC CH.3 TRIP BLOCK	FF	5721B2	E-353	
56226		HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (AFP-1 TO SG-2)	FF	1CP62A	E-356-10	
56227					FF	1CP06A	E-353	
56228					FF	1CPA	E-353	
56236			1CRSCC23A	BLOCK CIRCUIT AF3869 (AFP-1 TO SG-2)	FF	1CP06A	E-353	
56237					FF	1CP62A	E-356-10	
56238					FF	1CPA	E-353	
56426		HIS3870B	1CRSCC21A	BLOCK CIRCUIT AF3870 (AFP-1 TO SG-1)	FF	1CP06A	E-353	
56427					FF	1CP62A	E-356-10	
56428					FF	1CPA	E-353	
56436			1CRSCC23A	BLOCK CIRCUIT AF3870 (AFP-1 TO SG-1)	FF	1CP06A	E-353	
56437					FF	1CP62A	E-356-10	
56438					FF	1CPA	E-353	
56321		HIS3871B	2CRSCC22A	BLOC CIRCUIT AE3871 (AFP-2 TO SG-1)	FF	2CP06A	E-353	
56322					FF	2CP92D	E-353	
56323					FF	2CP92A	E-353	
56329			2CRSCC24A	BLOCK CIRCUIT AF3871 (AF-2 TO SG-1)	FF	2CP06A	E-353	
56330					FF	2CP92D	E-353	
56331					FF	2CP92A	E-353	
56521		HIS3872B	2CRSCC22A	BLOCK CIRCUIT AF3872 (AFP-2 TO SG-2)	FF	2CP92D	E-353	
56522					FF	2CP92A	E-353	
56523					FF	2CP06A	E-353	
56529			2CRSCC24A	BLOCK CIRCUIT AF3872 (AFP-2 TO SG-2)	FF	2CP06A	E-353	
56530					FF	2CP92A	E-353	
56531					FF	2CP92D	E-353	
56537		HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	FF	2CP06A	E-356	
56537A					FF	2CP92A	E-353	
56538					FF	2CP92D	E-353	
56544			2CRSCC14A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	FF	2CP92A	E-356	
56545					FF	2CP92D	E-353	
56546					FF	2CP06A	E-353	
56554		HIS611B	1CRSCC11A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	FF	1CP62A	E-356-10	
56555					FF	1CPA	E-353	
56556					FF	1CP06A	E-353	
56563			1CRSCC13A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	FF	1CP62A	E-356-10	
56564					FF	1CP06A	E-353	
56565					FF	1CPA	E-353	
56207		HIS6401	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP62A	E-356-10	
56208					FF	1CPA	E-353	
56209					FF	1CP06A	E-353	
56216			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP62A	E-356-10	
56217					FF	1CP06A	E-353	
56218					FF	1CPA	E-353	
56305		HIS6402	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	FF	2CP06A	E-353	
56306					FF	2CP92D	E-353	
56307					FF	2CP92A	E-353	
56313			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	FF	2CP92A	E-353	
56314					FF	2CP92D	E-353	
56315					FF	2CP06A	E-353	
56407		HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP62A	E-356-10	
56408					FF	1CP06A	E-353	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56409	SFRCS	HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	FF	1CPA	E-353	
56416			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP06A	E-353	
56417					FF	1CPA	E-353	
56418					FF	1CP62A	E-356-10	
56505		HIS6404	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	FF	2CP06A	E-353	
56506					FF	2CP92A	E-353	
56507					FF	2CP92D	E-353	
56513			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	FF	2CP92D	E-353	
56514					FF	2CP06A	E-353	
56515					FF	2CP92A	E-353	
56607		LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	FF	5761A1	E-353	
56608					FF	1LP61A	E-353	
56702		LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	FF	5761A2	E-353	
56703					FF	1LP61A	E-353	
56805		LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	FF	2LP92A	E-353	
56806					FF	57961A	E-353	
56807					FF	2LP92B	E-353	
56909		LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	FF	2LP92A	E-353	
56910					FF	2LP92B	E-353	
57010		LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	FF	2LP92B	E-353	
57011					FF	57961A	E-353	
57012					FF	2LP92A	E-353	
57014					FF	2LP92B	E-353	
57109		LLTSP9B7	2LSGLT41B	SG 1 LEVEL XMTR	FF	2LP92B	E-353	
57110					FF	2LP92A	E-353	
57207		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	FF	5761A1	E-353	
57208					FF	1LP61A	E-353	
57302		LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	FF	1LP61A	E-353	
57303					FF	5761A2	E-353	
57414		PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	FF	2CP92A	E-353	
57415					FF	2CP92C	E-353	
57513		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	FF	2CP92C	E-353	
57514					FF	2CP92D	E-353	
57515					FF	2CP92A	E-353	
57609		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	FF	Exposed	E-353	
57623			1CRCPD11D	MN FW 2 < SG 2 PRESS	FF	1CP61A	E-353	
57624					FF	1CP62A	E-353	
57710		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	FF	Exposed	E-353	
57805		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	FF	Exposed	E-353	
57813			1CRCPD11E	MN FW 2 < SG 2 PRESS	FF	1CP61A	E-353	
57814					FF	1CP62A	E-353	
57906		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	FF	Exposed	E-353	
58011		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	FF	2CP92A	E-353	
58012					FF	2CP92C	E-353	
58104		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	FF	2CP92A	E-353	
58105					FF	2CP92C	E-353	
58810		PS3687A	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
58811					FF	2CP92C	E-353	
58908		PS3687C	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
58909					FF	2CP92C	E-353	
59011		PS3687E	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
59012					FF	2CP92C	E-353	
59109		PS3687G	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
59110					FF	2CP92C	E-353	
59210		PS3687K	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
59211					FF	2CP92C	E-353	
59309		PS3687L	2CRCP21L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
59310	SFRCS	PS3687L	2CRCPS21L	MS LINE 1(2) PRESS	FF	2CP92C	E-353	
59411		PS3687M	2CRCPS41L	MS LINE 1(2) PRESS	FF	2CP92A	E-353	
59412					FF	2CP92C	E-353	
59509		PS3687N	2CRCPS41L	MS LINE 1(2) PRESS	FF	2CP92C	E-353	
59510					FF	2CP92A	E-353	
59610		PS3689B	1CRCPS11L	MS LINE 1(2) PRESS	FF	1CP61A	E-353	
59611					FF	1CP62A	E-353	
59708		PS3689D	1CRCPS11L	MS LINE 1(2) PRESS	FF	1CP62A	E-353	
59709					FF	1CP61A	E-353	
59809		PS3689F	1CRCPS31L	MS LINE 1(2) PRESS	FF	1CP62A	E-353	
59810					FF	1CP61A	E-353	
59909		PS3689H	1CRCPS31L	MS LINE 1(2) PRESS	FF	1CP61A	E-353	
59910					FF	1CP62A	E-353	
60010		PS3689K	1CRCPS11L	MS LINE 1(2) PRESS	FF	1CP61A	E-353	
60011					FF	1CP62A	E-353	
60110		PS3689L	1CRCPS11L	MS LINE 1(2) PRESS	FF	1CP62A	E-353	
60111					FF	1CP61A	E-353	
60209		PS3689M	1CRCPS31L	MS LINE 1(2) PRESS	FF	1CP62A	E-353	
60210					FF	1CP61A	E-353	
60309		PS3689N	1CRCPS31L	MS LINE 1(2) PRESS	FF	1CP61A	E-353	
60310					FF	1CP62A	E-353	
60410		RCPM1	1CRCPM11B	RCP MONITOR	FF	Exposed	E-353	
60420			1CRCPM11C	RCP MONITOR	FF	1CP62A	E-353	
60421					FF	1CP61A	E-353	
60511		RCPM2	2CRCPM21B	RCP MONITOR	FF	2CP92A	E-353	
60512					FF	2CP92C	E-353	
60610		RCPM3	1CRCPM31B	RCP MONITOR	FF	Exposed	E-353	
60714		RCPM4	2CRCPM41B	RCP MONITOR	FF	2CP92C	E-353	
60715					FF	2CP92A	E-353	
60901	SWS	P180	ACAC201B	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60909			ACAC201C	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60926			CS720	AP1800 CONTROL ROOM PANEL (CH. A)	FF		E-353	
61000		P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61016			1CAC107C	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61044			1CAC107F	MP0031 CONTROL CIRCUIT	FF	1CP63C	E-424	
61077			CS716	MP0031 CONTROL CIRCUIT	FF		E-353	
61073			CS763C	MP0031 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61102		P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61113			2CAD107C	MP0032 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61139			2CAD107F	MP0032 CONTROL CIRCUIT	FF	2CP56C	E-424	
61167			CS716	MP0032 CONTROL RM PANEL	FF		E-356-8	
61164			CS756C	MP0032 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61200		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61217			1CAC109C	MP0033 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61232			1CAC109D	MP0033 CONTROL CIRCUIT	FF	1CP63D	E-424	
61265			1CAC109G	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61270					FF	1CP16A	E-356-8	
61276			1CACD4E	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61302			2CACD5E	MP0033 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
61313			2CAD109B	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61326			2CAD109C	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61339			2CAD109D	MP0033 CONTROL CIRCUIT	FF	2CP56D	E-424	
61369			2CAD109G	MP0033 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
61373					FF	2CP16C	E-356-8	
61387			CS715	MP0033 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61394			CS716	MP0033 CONTROL CIRCUIT	FF		E-353	
61388			CS756D	MP0033 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61389			CS763D	MP0033 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61409		SW1356	1CV1356D	SV1356 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61436			CS716	SV1356 CONTROL ROOM PANEL	FF		E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61507	SWS	SW1357	2CV1357D	SV1357 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61540			C5716	SC1357 CONTROL ROOM PANEL	FF		E-356-8	
61628		SW1358	1CV1358AI	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61649			1CV1358AK	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61659			1CV1358AL	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61689			2CV1358BI	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61710			2CV1358BK	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61720			2CV1358BL	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61740			C5716	SV1358 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61814		SW1366	1CBE1142F	MV1366 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61838			C5716	MV1366 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61916		SW1367	2CBF1223F	MV1367 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61932			C5716	MV1367 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
62011		SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
62054			2CBF1224E	MV1368 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
62084			C5716	MV1368 CONTROL ROOM PANEL (CH.1/2)	FF		E-353	
62416		SW1382	1CBE1218F	MV1382 CONTROL CIRCUIT	FF	UNSCHEd	E-356	
62511			C5706	MV1382 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
62608		SW1383	2CBF1177F	MV1383 CONTROL CIRCUIT	FF	UNSCHEd	E-356	
62722			C5709	MV1383 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
62806		SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	FF	2CP56C	E-356-8	
62839			2CBF1277G	MV1395 CONTROL CIRCUIT	FF	2CP17C	E-353	
62863			C5717	MV1395 CONTROL ROOM PANEL	FF		E-353	
62864			C5756C	MV1395 CONTROL ROOM PANEL	FF		E-353	
62907		SW1399	1CBE1277E	MV1399 CONTROL CIRCUIT	FF	1CP63C	E-423	
62942			1CBE1277G	MV1399 CONTROL CIRCUIT	FF	1CP17B	E-356-8	
62965			C5717	MV1399 CONTROL ROOM PANEL	FF		E-353	
62965A			C5763C	MV1399 CONTROL ROOM PANEL	FF		E-353	
62968A					FF		E-353	
63005		SW1424	1CV1424D	SV1424 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
63017			1CV1424G	SV1424 CONTROL CIRCUIT	FF	1CP63D	E-424	
63025			C5716	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63026			C5763D	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63100		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	FF		E-424	
63101					FF	1CP63D	E-424	
63118			1CV1429C	SV1429 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
63135			2CV1429B	SV1429 CONTROL CIRCUIT	FF	2CP56D	E-424	
63148			2CV1429C	SV1429 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63191			C5716	SV1429 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
63192			C5756D	SV1429 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63193			C5763D	SV1429 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63304		SW1434	2CV1434D	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63318			2CV1434G	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63330			C5716	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63331			C5756D	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63412		SW2927	1CBE1232F	MV2927 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63429			C5720	MV2927 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63511		SW2928	2CBF1132F	MV2928 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63528			C5720	MV2928 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63608		SW2929	1CBE1281F	MV2929 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63636			C5720	MV2929 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63709		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63750			C5720	MV2930 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63808		SW2931	1CBE1282F	MV2931 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63835			C5720	MV2931 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63909		SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63937			C5720	MV2932 CONTROL ROOM PANEL (CH. 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
00005	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	G	27142B	E-335	
00007					G	1CDB	E-335	
00050			1CBE1146H	MV3869 CONTROL CIRCUIT	G	27142B	E-335	
00051					G	1CDB	E-335	
00113		AF3870	1CD107E	MV3870 CONTROL CIRCUIT	G	27710B	E-335, 418	
00114					G	BE11D	E-335, 418	
00115					G	27573A	E-335	
00135			1CD107F	MV3870 CONTROL CIRCUIT	G	27708A	E-335	
00136					G	1CDB	E-335	
00157			CDE-11D	MV3870 DISCONNECT SWITCH (CH. 1)	G		E-335	
00529		AF608	1PBE1160A	MV608 POWER CIRCUIT	G	18213A	E-336	
00537			1PBE1160B	MV608 POWER CIRCUIT	G	18213A	E-336	
01433		MS106	1CD135F	MV106 CONTROL CIRCUIT	G	27517A	E-335	
01435					G	1CDB	E-335	
01455			1CD135H	MV106 CONTROL CIRCUIT	G	1CDB	E-335	
01456					G	27142B	E-335	
01489			1CD135K	MV106 CONTROL CIRCUIT	G	27517A	E-335	
01491					G	1CDB	E-335	
01504			1CD135L	MV106 CONTROL CIRCUIT	G	1CDB	E-335	
01505					G	27142A	E-335	
01549			1CD135P	MV106 CONTROL CIRCUIT	G	27517B	E-335	
01551					G	1CDB	E-335	
01565			1CD135R	MV106 CONTROL CIRCUIT	G	27517B	E-335	
01567					G	1CDB	E-335	
01588			1CD135V	MV106 CONTROL CIRCUIT	G	27142B	E-335	
01590					G	1CDB	E-335	
01776		MS106A	1CBE1271K	MV106A CONTROL CIRCUIT	G	27142B	E-335	
01778					G	1CDB	E-335	
02002		MS107	2CBF1124X	MV107 CONTROL CIRCUIT	G	27701B	E-418	
02003					G	JB2729	E-335, 418	
02004					G	27701A	E-335	
02005					G	2CEV	E-335	
02006					G	27168A	E-335	
02027			CDF-11D	MV107 DISCONNECT SWITCH (CH. 2)	G		E-335	
17725A	CCWS	CC1407A	1PBE1173A	MV1407A POWER CIRCUIT	G	38001A*	E-340	
18149A		CC1411A	1PBE1176A	MV1411A POWER CIRCUIT	G	38002A*	E-340	
18409		CC1467	1CV1467C	SV1467 CONTROL CIRCUIT	G	1CDB	E-335	
18420			1CV1467E	SV1467 CONTROL CIRCUIT	G	1CDB	E-335	
18900		CC2645	1CBE1161B	MV2645 CONTROL CIRCUIT	G	27510B	E-335	
18901					G	27510A	E-335	
18902			1CBE1161C	MV2645 CONTROL CIRCUIT	G	27261A	E-335	
18903			1CBE1161D	MV2645 CONTROL CIRCUIT	G	Nipple	E-335	
18904			1CBE1161E	MV2645 CONTROL CIRCUIT	G	27710A	E-335	
18911			1CBE1161F	MV2645 CONTROL CIRCUIT	G	1CDB	E-335	
18912					G	27708A	E-335	
18923			1CBE1161G	MV2645 CONTROL CIRCUIT	G	27510C	E-335	
18924					G	27510A	E-335	
18938			1CBE1161I	MV2645 CONTROL CIRCUIT	G	27510C	E-335	
18939					G	27510B	E-335	
18946			1CBE1161J	MV2645 CONTROL CIRCUIT	G	1CDB	E-335	
18947					G	27167A	E-335	
18957A			1CCCW001B	MV2645 CONTROL CIRCUIT	G	36010B*	E-337, 339	
18968A			1CCCW001C	MV2645 CONTROL CIRCUIT	G	36010B	E-337, 339	
18994			1PBE1161A	MV2645 POWER CIRCUIT	G	27511A	E-335	
18997			BE1161	MV2645 CIRCUIT BREAKER (CH. 1)	G		E-335	
18999			CDE-11D	MV2645 DISCONNECT SWITCH (CH. 1)	G		E-335	
19000			EV2645	MV2645 TERMINAL BOX (CH. 1)	G		E-335	
19005			MV2645	CC RETURN HEADER LINE 1 VALVE (CH. 1)	G		E-335	
19006			NV2645	MV2645 LOCAL CONTROLLER (CH. 1)	G		E-335	
19100		CC2649	2CBF1161B	MV2649 CONTROL CIRCUIT	G	27410A	E-335	
19101			2CBF1161C	MV2649 CONTROL CIRCUIT	G	27260A	E-335	
19102			2CBF1161D	MV2649 CONTROL CIRCUIT	G	Nipple	E-335	
19103			2CBF1161E	MV2649 CONTROL CIRCUIT	G	27702B	E-335	
19104					G	JB2729	E-335	
19105					G	27702A	E-335	
19106					G	27418A	E-335	
19107					G	2CEV	E-335	
19114			2CBF1161F	MV2649 CONTROL CIRCUIT	G	2CEV	E-335	
19115					G	27700A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19116	CCWS	CC2649	2CBF1161F	MV2649 CONTROL CIRCUIT	G	27700B	E-335	
19132			2CBF1161G	MV2649 CONTROL CIRCUIT	G	2CEV	E-335	
19133					G	27418A	E-335	
19148			2CBF1161I	MV2649 CONTROL CIRCUIT	G	27168A	E-335	
19149					G	27420A	E-335	
19150					G	2CEV	E-335	
19151					G	BF11D	E-335	
19152					G	27410A	E-335	
19158			2CBF1161J	MV2649 CONTROL CIRCUIT	G	27168A	E-335	
19159					G	27420A	E-335	
19160					G	2CEV	E-335	
19161					G	27410A	E-335	
19171A			2CCCW002B	MV2649 CONTROL CIRCUIT	G	36110B*	E-337, 339	
19181A			2CCCW002C	MV2649 CONTROL CIRCUIT	G	36110B*	E-337, 339	
19208			2PBF1161A	MV2649 POWER CIRCUIT	G	27409A	E-335	
19211			BF1161	MV2649 CIRCUIT BREAKER (CH. 2)	G		E-335	
19213			CDP-11D	MV2649 DISCONNECT SWITCH (CH. 2)	G		E-335	
19214			EV2649	MV2649 TERMINAL BOX (CH. 2)	G		E-335	
19219			MV2649	CC RETURN HEADER LINE 2 VALVE (CH. 2)	G		E-335	
19220			NV2649	MV2649 LOCAL CONTROLLER (CH. 2)	G		E-335	
19758A		CC5095	1CBE1226J	MV5095 CONTROL CIRCUIT	G	37035B*	E-339	
19773A			1CCCW001B	MV5095 CONTROL CIRCUIT	G	36010B*	E-337, 339	
19784A			1CCCW001C	MV5095 CONTROL CIRCUIT	G	36010B*	E-337, 339	
19975A		CC5096	2CCCW002B	MV5096 CONTROL CIRCUIT	G	36110B*	E-337, 339	
19985A			2CCCW002C	MV5096 CONTROL CIRCUIT	G	36110B*	E-337, 339	
20159B		CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	G	37035B*	E-339	
20171A			1CCCW001B	MV5097 CONTROL CIRCUIT	G	36010B*	E-337, 339	
20187A			1CCCW001C	MV5097 CONTROL CIRCUIT	G	36010B*	E-337, 339	
20371D		CC5098	2CCCW002B	MV5098 CONTROL CIRCUIT	G	36110B*	E-337, 339	
20380D			2CCCW002C	MV5098 CONTROL CIRCUIT	G	36110B*	E-337, 339	
26825C		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	G	37481A	E-335	
26826C		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	G	37481A	E-335	
20608A		P43-1	1CCCW001B	MP0431 CONTROL CIRCUIT	G	36010B*	E-337, 339	
20619A			1CCCW001C	MP0431 CONTROL CIRCUIT	G	36010B*	E-337, 339	
20625A			1PAC113A	MP0431 POWER CIRCUIT	G	36011A*	E-337, 339	
20797A		P43-2	2CCCW002B	MP0432 CONTROL CIRCUIT	G	36110B*	E-337, 339	
20807A			2CCCW002C	MP0432 CONTROL CIRCUIT	G	36110B*	E-337, 339	
20812D			2PAD113A	MP0432 CONTROL CIRCUIT	G	36111A*	E-337, 339	
21228A		P43-3	2CAD108K	MP0433 CONTROL CIRCUIT	G	36204B*	E-337, 339	
21245D			3PACD1A	MP0433 POWER CIRCUIT	G	36203A*	E-337, 339	
21453B	CFS	CF01B	1PBE1162A	CF01B POWER CIRCUIT	G	38010A*	E-340	
21912	CS	CS1530	1CBE1156F	MV1530 CONTROL CIRCUIT (DH09B INTLK)	G	28550A	E-336	
21914					G	1CFF	E-336	
22132		P56-1	1CBE111F	MP0561 CONTROL CIRCUIT	G	1CFF	E-336	
22133					G	46014H	E-336	
22401B	DHRS	DH01B	1CBE1106B	MVDH01B CONTROL CIRCUIT	G	28033A*	E-334	
22406			1CBE1106E	MVDH01B CONTROL CIRCUIT	G	28335A	E-336	
22407					G	1CFF	E-336	
22428			1PBE1106A	MVDH01B POWER CIRCUIT	G	28034A	E-336	
22430B					G	28034A*	E-334	
22431			BE1106	MVDH01B CIRCUIT BREAKER (CH. 1)	G		E-336	
22529		DH07A	2CBF1148J	MVDH07A CONTROL CIRCUIT	G	27670C	E-336	
22602		DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	G	28500A	E-336	
22605			1CBE1157C	MVDH07B CONTROL CIRCUIT	G	28500A	E-336	
22616			1CBE1157F	MVDH07B CONTROL CIRCUIT	G	1CFF	E-336	
22617					G	28331A	E-336	
22626			1CBE1157G	MVDH07B CONTROL CIRCUIT	G	1CFF	E-336	
22627					G	28331A	E-336	
22631			1CBE1157H	MVDH07B CONTROL CIRCUIT	G	1CFF	E-336	
22632					G	28331A	E-336	
22643			1CBE1157J	MVDH07B CONTROL CIRCUIT	G	27671C	E-336	
22649			1PBE1157A	MVDH07B POWER CIRCUIT	G	28501A	E-336	
22650			BE1157	MVDH07B CIRCUIT BREAKER (CH. 1)	G		E-336	
22700A		DH09A	2CBF1142B	MVDH09A CONTROL CIRCUIT	G	27442C	E-335	10 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
22731	DHRS	DH09A	2CBF1142J	MVDH09A CONTROL CIRCUIT	G	27670C	E-336			
22733C			2CBF1142K	MVDH09A CONTROL CIRCUIT	G	27135A	E-335			
22733F			2CBF1142L	MVDH09A CONTROL CIRCUIT	G	27135A	E-335			
22733J			2CBF1142M	MVDH09A CONTROL CIRCUIT	G	27135A	E-335			
22735A			2PBF1142A	MVDH09A POWER CIRCUIT	G	27441A	E-335			
22801	DH09B		1CBE1112B	MVDH09B CONTROL CIRCUIT	G	28060A	E-336			
22812			1CBE1112E	MVDH09B CONTROL CIRCUIT	G	1CFF	E-336			
22813					G	28333A	E-336			
22822			1CBE1112F	MVDH09B CONTROL CIRCUIT	G	1CFF	E-336			
22823					G	28331A	E-336			
22827			1CBE1112G	MVDH09B CONTROL CIRCUIT	G	1CFF	E-336			
22828					G	28333A	E-336			
22840			1CBE1112J	MVDH09B CONTROL CIRCUIT	G	27671C	E-336			
22843			1PBE1112A	MVDH09B POWER CIRCUIT	G	28037A	E-336			
22845					G	28037A*	E-333			
22846	BE1112	MVDH09B CIRCUIT BREAKER (CH. 1)	G		E-336					
23036B	DH12		1PBE1183A	MVDH12 POWER CIRCUIT	G	38001A*	E-340			
23207	DH13B		1CVDH13BB	SVDH13B CONTROL CIRCUIT	G	1CDB	E-335			
23219			1CVDH13BE	SVDH13B CONTROL CIRCUIT	G	1CDB	E-335			
23322	DH14A		2CVDH14AF	SVDH14A CONTROL CIRCUIT	G	27209A	E-335			
23323					G	2CEV	E-335			
23337			RC2701	SVDH14A RELAY CABINET (CH. 2)	G		E-335			
23407	DH14B		1CVDH14BB	SVDH14B CONTROL CIRCUIT	G	1CDB	E-335			
23419			1CVDH14BE	SVDH14B CONTROL CIRCUIT	G	1CDB	E-335			
23426			1CVDH14BF	SVDH14B CONTROL CIRCUIT	G	1CDB	E-351-4			
23500	DH1517		1CBE1126B	MV1517 CONTROL CIRCUIT	G	27710A	E-335			
23508			1CBE1126C	MV1517 CONTROL CIRCUIT	G	1CDB	E-335			
23509					G	27708A	E-335			
23510			1CBE1126D	MV1517 CONTROL CIRCUIT	G	27504B	E-335			
23519			1CBE1126G	MV1517 CONTROL CIRCUIT (MV2733 INTLK)	G	1CDB	E-335			
23520					G	27504C	E-335			
23522			1PBE1126A	MV1517 POWER CIRCUIT	G	27505A	E-335			
23524			BE1126	MV1517 CIRCUIT BREAKER (CH. 1)	G		E-335			
23526			CDE-11D	MV1517 DISCONNECT SWITCH (CH. 1)	G		E-335			
23703			DH2733		1CBE1121B	MV2733 CONTROL CIRCUIT	G	1CFF	E-336	
23704					G	28333A	E-336			
23714	1CBE1121D	MV2733 CONTROL CIRCUIT			G	28313A	E-336			
23719	1CBE1121G	MV2733 CONTROL CIRCUIT (MV1517 INTLK)			G	27504C	E-335			
23720					G	1CDB	E-335			
23731	1CBE1121H	MV2733 CONTROL CIRCUIT			G	1CFF	E-336			
23732					G	28334A	E-336			
23733	1PBE1121A	MV2733 POWER CIRCUIT			G	28312A	E-336			
23735	BE1121	MV2733 CIRCUIT BREAKER (CH. 1)			G		E-336			
23905	DH63				2CBF1195D	MVDH63 CONTROL CIRCUIT	G	27703B	E-335	
23906					G	JB2729	E-335			
23907					G	18227A	E-335			
23917			2CBF1195F	MVDH63 CONTROL CIRCUIT	G	2CEV	E-335			
23918					G	27703B	E-335			
23919					G	27703A	E-335			
23920					G	JB2729	E-335			
23926			CDF-11D	MVDH63 DISCONNECT SWITCH (CH. 2)	G		E-335			
24004			DH64		1CBE1187C	MVDH64 CONTROL CIRCUIT	G	18232B	E-336	
24005							G	1CFF	E-336	
24028	1PBE1187A	MVDH64 POWER CIRCUIT			G	18235A	E-336			
32040	ESSPWR	C4808	1CY108AA	CONTROL POWER FROM Y1A	G	27617B	E-335			
32041					G	1CDB	E-335, 351-4			
31870		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	G	1CDB	E-335			
31871					G	27617A	E-335			
27264		CDF-12A-1	2CD2P20D	CONTROL POWER TO CDF11D	G	27701B	E-335, 418			
27265					G	JB2729	E-335, 418			
27266					G	27701A	E-335, 418			
27267					G	2CEV	E-335, 418			
27806	DBC1PN		1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	G	36078A	E-335			
27807			BE1190	DBC1PN CIRCUIT BREAKER (CH. 1)	G		E-335			
28106	DBC2PN		2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	G	36206A	E-335			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
28107	ESSPWR	DBC2FN	BF1187	DBC2FN CIRCUIT BREAKER (CH. 2)	G		E-335	
28800		E11A	1PBEB107A	BE107 POWER CIRCUIT	G	46158B	E-334	
28801					G	46158B*	E-333, 334, 337	
28801C					G	46158B*	E-337,333,342	
28804			1PBEB107B	BE107 POWER CIRCUIT	G	46008B	E-334	
28805					G	46008B*	E-337, 333, 334	
28810		E11A		480VAC ESSEN MCC E11A (CH. 1)	G		E-336	
28901		E11B	1PBEB1120A	BE1120 POWER CIRCUIT	G	28306A	E-336	
28902			BE1120	MCC E11B FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	
29001		E11C	1PBEB1101A	BE1101 POWER CIRCUIT	G	28307A	E-336	
29002			BE1101	MCC E11C FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	
29100		E11D	1PBEB1132A	BE1132 POWER CIRCUIT	G	27028C	E-335	
29101					G	27028B*	E-333	
29101D					G	46053B*	E-334	
29102					G	28303A	E-336	
29103			BE1132	MCC E11D FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	
29104		E11D		480VAC ESSEN MCC E11D (CH. 1)	G		E-335	
29601		E12E	1PBEB1234A	BE1234 POWER CIRCUIT	G	18219A	E-335	
30800		F11D	2PBF1146A	BF1146 POWER CIRCUIT	G	47200A	E-335	
30805			F11D	480VAC ESSEN MCC F11D (CH. 2)	G		E-335	
32724		RC1761	BCYBU41A	CONTROL POWER TO WC1747	G	BCBQ	E-351-4, 335	
32725					G	BCDR	E-351-4, 335	
26647		RC3601	1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26648					G	BE11D	E-335	
26649					G	27502A	E-335	
26650					G	1CDB	E-335	
26758		RC3607	1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26759					G	BE11D	E-335	
26760					G	27502A	E-335	
26761					G	1CDB	E-335	
26947		RC3701	1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26948					G	BE11D	E-335	
26949					G	27502A	E-335	
26950					G	1CDB	E-335	
31925		RC3715	ACDAP28B	CONTROL POWER TO RC1760	G	ACEN	E-349-3, 351-4	
31926					G	27850A	E-335	
31927					G	ACFB	E-335	
31928					G	ACDA	E-335	
34000	HPIS	HP02C	1CBE1103B	MVHP02C CONTROL CIRCUIT	G	28032A	E-334	
34007			1CBE1103E	MVHP02C CONTROL CIRCUIT	G	1CFF	E-336	
34008					G	28335A	E-336	
34025			1CBE1103G	MVHP02C CONTROL CIRCUIT	G	1CFF	E-336	
34026					G	28334A	E-336	
34027			1PBEB1103A	MVHP02C POWER CIRCUIT	G	28031A	E-334	
34029			BE1103	MVHP02C CIRCUIT BREAKER (CH. 1)	G		E-336	
34100		HP02D	1CBE1105B	MVHP02D CONTROL CIRCUIT	G	28024A	E-334	
34107			1CBE1105E	MVHP02D CONTROL CIRCUIT	G	1CFF	E-335	
34108					G	28335A	E-335	
34125			1CBE1105G	MVHP02D CONTROL CIRCUIT	G	1CFF	E-336	
34126					G	28334A	E-336	
34127			1PBEB1105A	MVHP02D POWER CIRCUIT	G	28023A	E-334	
34129			BE1105	MVHP02D CIRCUIT BREAKER (CH. 1)	G		E-336	
34205		HP31	2CBF1194D	MVHP31 CONTROL CIRCUIT	G	27703B	E-335, 418	
34206					G	JB2729	E-335	
34207					G	18227A	E-335	
34217			2CBF1194F	MVHP31 CONTROL CIRCUIT	G	2CEV	E-335, 351-4	
34218					G	27703A	E-335, 351-4	
34219					G	JB2729	E-335	
34220					G	27703B	E-335, 418	
34226			CDF-11D	MVHP31 DISCONNECT SWITCH (CH. 2)	G		E-335, 418	
34306		HP32	1CBE1286D	MVHP32 CONTROL CIRCUIT	G	1CFF	E-336	
34308					G	18232B	E-336	
34421		P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	G	1CFF	E-336	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34422	HPIS	P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	G	18362A	E-336	
34512		P197-2	1CD106B	MP1972 CONTROL CIRCUIT	G	1CFE	E-336	
34513					G	18362A	E-336	
34536			1CD106D	MP1972 CONTROL CIRCUIT	G	1CFE	E-336	
34537					G	18362A	E-336	
36016	HVAC	C71-1	1CBE1217E	MC0711 CONTROL CIRCUIT	G	1CDB	E-335	
36017					G	27142A	E-335	
40715	MUPS	F-35	N/A	PURIFICATION DEMINERALIZER FILTER 1-1	G	MAN		
40710		F5-1	N/A	PRIMARY DEMINERALIZER FILTER 1-1	G	MAN		
41214		MU03	2CSF1744B	SVMU03 CONTROL CIRCUITS	G	28110A	E-336	
41228B			2CVMU03C	SVMU03 CONTROL CIRCUIT	G	28107B*	E-339, 340	
41240B			2CVMU03E	SVMU03 CONTROL CIRCUIT	G	28107B*	E-339, 340	
42112		MU04	ACBE2259B	MU4 CONTROL CIRCUIT	G	28419A	E-336	
42100			ACBE2259C	MU4 CONTROL CIRCUIT	G	28428A	E-336	
42101					G	ACFG	E-336	
42116			APBE2259A	MU4 POWER CIRCUIT	G	28418A	E-336	
42118			BE2259	MU4 CIRCUIT BREAKER (CH A)	G		E-336	
41300		MU10A	ACBE2262B	MU10A CONTROL CIRCUIT	G	28415A	E-336	
41301					G	28415A	E-336	
41302			ACBE2262C	MU10A CONTROL CIRCUIT	G	28431A	E-336	
41303					G	ACFG	E-336	
41314			ACBE2262D	MU10A CONTROL CIRCUIT	G	28214A	E-336	
41315			ACBE2262E	MU10A CONTROL CIRCUIT	G	NIPPLE	E-336	
41316			APBE2262A	MU10A POWER CIRCUIT	G	28414A	E-336	
41317					G	28414A	E-336	
41318			BE2262	MU10A CIRCUIT BREAKER (CH A)	G		E-336	
41319			EV MU10A	MU10A TERMINAL BOX	G		E-336	
41321			MVMU10A	PURIFICATION DEMIN 1-1 IN VALVE	G		E-336	
41322			NVMU10A	MU10A LOCAL CONTROLLER	G		E-336	
41400		MU10B	ACBE2263B	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41401					G	28413A	E-336	
41402			ACBE2263C	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41403					G	ACFG	E-336	
41414			ACBE2263D	MU10B CONTROL CIRCUIT	G	28213A	E-336	
41415			ACBE2263E	MU10B CONTROL CIRCUIT	G	NIPPLE	E-336	
41416			APBE2263A	MU10B POWER CIRCUIT	G	28412A	E-336	
41417					G	28412A	E-336	
41418			BE2263	MU10B CIRCUIT BREAKER (CH A)	G		E-336	
41420			EV MU10B	MU10B TERMINAL BOX	G		E-336	
41421			MVMU10B	PURIFICATION DEMIN 1-2 IN VALVE	G		E-336	
41422			NVMU10B	MU10B LOCAL CONTROLLER	G		E-336	
41500		MU11	ACBE2278B	MU11 CONTROL CIRCUIT	G	28005A	E-336	
41501					G	28005A	E-336	
41502					G	28005B	E-336	
41503			ACBE2278C	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41504					G	ACFG	E-336	
41515			ACBE2278D	MU11 CONTROL CIRCUIT	G	28430A	E-356	
41516					G	ACFG	E-336	
41517					G	28455A	E-336	
41518					G	ACFH	E-336	
41519					G	28300A	E-336	
41520			ACBE2278E	MU11 CONTROL CIRCUIT	G	28216A	E-336	
41521			ACBE2278F	MU11 CONTROL CIRCUIT	G	28355A	E-336	
41522			ACBE2278G	MU11 CONTROL CIRCUIT	G	NIPPLE	E-336	
41523			ACBE2278I	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41524					G	ACFH	E-336	
41525					G	28455A	E-336	
41526					G	ACFG	E-336	
41537			ACBE2278J	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41538					G	ACFH	E-336	
41539					G	28254A	E-336	
41540					G	JB2805	E-336	
41541					G	ACFB	E-336	
41542					G	ACAB	E-335, 336	
41543					G	ACDA	E-335	
41551			ACBE2278L	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41552					G	ACFG	E-336	
41562			ACBE2278M	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41563					G	ACFH	E-336	
41564					G	28305A	E-336	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
41565	MUPS	MU11	ACBE2278M	MU11 CONTROL CIRCUIT	G	28305A	E-336	
41566					G	28305C	E-336	
41567					G	EVMU11	E-336	
41568					G	28216A	E-336	
41569			ACBE2278N	MU11 CONTROL CIRCUIT	G	28299A	E-336	
41570					G	ACFH	E-336	
41571					G	28305A	E-336	
41572					G	28305A	E-336	
41573					G	28305C	E-336	
41574			APBE2278A	MU11 POWER CIRCUIT	G	28004A	E-336	
41575					G	28004A	E-336	
41576					G	28004B	E-336	
41577			BE2278	MU11 CIRCUIT BREAKER (CH A)	G		E-336	
41581			EVMU110	MU11 TERMINAL BOX	G		E-336	
41583			MVMU110	RC LET DOWN, DIVERTING VALVE	G		E-336	
41584			NVMU110	MU11 LOCAL CONTROLLER	G		E-336	
41582			RC2825	MU11 RELAY CABINET	G		E-336	
41584A		MU182	N/A	SEAL RETURN TO MU TANK ISO VLV	G	N/A		
41646		MU19	BLNNI261D	MU19 CONTROL CIRCUIT	G	BLDE	E-335	
41647					G	BLET	E-335	
41648					G	27127C	E-335	
41650					G	27127C	E-336	
41700		MU1903	ACBE2271B	MU1903 CONTROL CIRCUIT	G	28409A	E-336	
41701					G	28409A	E-336	
41702			ACBE2271C	MU1903 CONTROL CIRCUIT	G	28428A	E-336	
41703					G	ACFG	E-336	
41714			ACBE2271D	MU1903 CONTROL CIRCUIT	G	28211A	E-336	
41715			ACBE2271E	MU1903 CONTROL CIRCUIT	G	NIPPLE	E-336	
41716			APBE2271A	MU1903 POWER CIRCUIT	G	28408A	E-336	
41717					G	28408A	E-336	
41718			BE2271	MU1903 CIRCUIT BREAKER (CH A)	G		E-336	
41720			EV19030	MU1903 TERMINAL BOX	G		E-336	
41721			MV19030	PURIFICATION DEMIN 1-3 IN VALVE	G		E-336	
41722			NV19030	MU1903 LOCAL CONTROLLER	G		E-336	
41807		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	G	BCEQ	E-335	
41808					G	27218A	E-335	
41814			BCY36217A	MU32 CONTROL CIRCUIT	G	27232B	E-335	
41815					G	BCEQ	E-335	
41839			BLCOF532C	MU32 INSTRUMENTATION CIRCUIT	G	BLDE	E-335	
41840					G	BLET	E-335	
41841					G	27232A	E-335	
41849			BLNNI264D	MU32 CONTROL CIRCUIT	G	BLDE	E-335	
41850					G	BLET	E-335	
41851					G	27218B	E-335	
41924B		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	G	28107B*	E-339, 340	
41935B			2CVMU38D	SVMU38 CONTROL CIRCUIT	G	28107B*	E-339, 340	
41943A			2CVMU38E	SVMU38 CONTROL CIRCUIT	G	28107B*	E-339, 340	
42030		MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	G	27879A	E-335	
42046			2PBF1617D	MV3971 POWER CIRCUIT	G	46962G	E-335-1	
42228B		MU59A	1PBE1174A	MU59A POWER CIRCUIT	G	38006A*	E-340	
43328B		MU59B	1PBE1175A	MU59B POWER CIRCUIT	G	38005A*	E-340	
42428B		MU59C	1PBE1177A	MU59C POWER CIRCUIT	G	38007A*	E-340	
42528B		MU59D	1PBE1178A	MU59D POWER CIRCUIT	G	38008A*	E-340	
42600		MU6405	1CBEL127A	MV6405 CONTROL CIRCUIT	G	1CEY	E-335	
42601					G	27503A	E-335	
42603					G	1CDB	E-349	
42611			1CBEL127B	MV6405 CONTROL CIRCUIT	G	27710B	E-335, 418	
42612			1CBEL127C	MV6405 CONTROL CIRCUIT	G	27503A	E-335	
42621			1CBEL127E	MV6405 CONTROL CIRCUIT	G	27881A	E-335-1	
42627			1PBE1127D	MV6405 POWER CIRCUIT	G	27876A	E-335-1	
42648			BE1127	MV6405 CIRCUIT BREAKER (CH 1)	G		E-336	
42602			BE11D	MV6405 CONTROL CIRCUIT	G		E-335	
42653			CDE11D	MV6405 DISCONNECT SWITCH (CH 1)	G		E-335	
42712		MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	G	27879A	E-335	
42719			2CV6406D	SVMU6406 CONTROL CIRCUIT	G	27879A	E-335	
42803		MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	G	27883A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42804	MUPS	MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	G	1CDB	E-349	
42814			1CV6407D	SVMU6407 CONTROL CIRCUIT	G	27883A	E-335	
42815					G	1CDB	E-349	
42923		MU6408	2CBF1208C	MV6408 CONTROL CIRCUIT	G	27879A	E-335	
42938			2PBF1208F	MV6408 POWER CIRCUIT	G	46962G	E-335	
43000		MU6409	1CBE1147A	MV6409 CONTROL CIRCUIT	G	1CEY01	E-335	
43001					G	27503D	E-335	
43002					G	BE11D	E-335	
43003					G	1CDB	E-335	
43011			1CBE1147B	MV6409 CONTROL CIRCUIT	G	27710A	E-336	
43012			1CBE1147C	MV6409 CONTROL CIRCUIT	G	27881A	E-335	
43021			BE1147	MV6409 CIRCUIT BREAKER (CH 1)	G		E-335	
43026			CDE11D	MU6409 DISCONNECT SWITCH (CH 1)	G		E-335	
43111		MU6419	1CBE1295B	MV6419 CONTROL CIRCUIT	G	1CDB	E-349	
43227		MU6420	2CBF1616C	MU6420 CONTROL CIRCUIT	G	27879A	E-335	
43243			2PBF1616F	MV6420 POWER CIRCUIT	G	46962G	E-335	
43300		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	G	1CEY01	E-335	
43301					G	27503A	E-335	
43302					G	BE11D	E-335	
43304					G	1CDB	E-335	
43312			1CBE1194B	MV6421 CONTROL CIRCUIT	G	27710A	E-336	
43315			1CBE1194F	MV6421 CONTROL CIRCUIT	G	27881A	E-336	
43321			1PBE1194E	MV6421 POWER CIRCUIT	G	27876A	E-335	
43327			BE1194	MV6421 CIRCUIT BREAKER (CH 1)	G		E-336	
43332			CDE11D	MV6421 DISCONNECT SWITCH (CH 1)	G		E-336	
43531		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	G	28110A	E-336	
43503B			2CVMU66AB	SVMU66A CONTROL CIRCUIT	G	28107B*	E-339, 340	
43518B			2CVMU66AD	SVMU66A CONTROL CIRCUIT	G	28107B*	E-339, 340	
43629		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	G	28443C	E-336	
43630					G	1CFF	E-336	
43602			1CVMU66BB	VMU66B CONTROL CIRCUIT	G	28240A	E-336	
43603					G	1CFF	E-336	
43614			1CVMU66BD	VMU66B CONTROL CIRCUIT	G	28240A	E-336	
43615					G	1CFF	E-336	
43729		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	G	28443C	E-336	
43730					G	1CFF	E-336	
43709			1CVMU66CB	VMU66C CONTROL CIRCUIT	G	28240A	E-336	
43710					G	1CFF	E-336	
43721			1CVMU66CD	VMU66C CONTROL CIRCUIT	G	1CFF	E-336	
43722					G	28240C	E-336	
43831		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	G	28110A	E-336	
43804B			2CVMU66DB	SVMU66D CONTROL CIRCUIT	G	28107B*	E-339, 340	
43816B			2CVMU66DD	SVMU66D CONTROL CIRCUIT	G	28107B*	E-339, 340	
43848A		MU97	N/A	SEAL RETURN TO CLEAN WASTE TK ISO VLV	G	N/A		
43907		P-371B	ACBE1191B	MP0371B CONTROL CIRCUIT	G	ACEN	E-335	
43908					G	27513A	E-335	
43909					G	ACEM	E-335	
43910			ACBE1191C	MP0371B CONTROL CIRCUIT	G	28300A	E-336	
43911					G	ACFB	E-336	
43912					G	28300A	E-336	
43913					G	ACFB	E-336	
43914					G	JB2805	E-336	
43915					G	28254A	E-335	
43916					G	ACAB	E-335	
43919					G	ACFB	E-335	
43920					G	27570A	E-335	
43921					G	27513A	E-335	
43922					G	ACEM	E-335	
43924			ACBE1191D	MP0371B CONTROL CIRCUIT	G	27516A	E-335	
43925			ACBE1191E	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43926			ACBE1191F	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43928			APBE1191A	MP0371B POWER CIRCUIT	G	27507A	E-335	
43930			BE1191	MP0371B CIRCUIT BREAKER (CH. A)	G		E-335	
43929			CDE11D	MP0371B DISCONNECT SWITCH (CH 1)	G		E-335	
43934			RC2825	MP0371B RELAY CABINET (CH. A)	G		E-336	
44001		P-371C	ACD117B	MP0371C CONTROL CIRCUIT	G	27297A	E-335	3 D
44002					G	ACFA	E-335	3 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44003	MUPS	P-371C	ACD117B	MP0371C CONTROL CIRCUIT	G	ACDA	E-335	3 D
44023			ACD117D	MP0371C CONTROL CIRCUIT	G	JB2805	E-336	3 D
44024					G	ACFH	E-336	3 D
44025					G	28299A	E-336	3 D
44026					G	ACFA	E-336	3 D
44027					G	28253A	E-336	3 D
44028					G	ACAB	E-336	3 D
44040			ACD117E	MP0371C CONTROL CIRCUIT	G	28299A	E-336	
44041					G	28254A	E-336	
44042					G	JB2805	E-336	
44043					G	ACAB	E-336	
44045					G	27570A	E-335	
44046					G	ACFB	E-335	
44047					G	27513A	E-335	
44048					G	ACEM	E-335	
44049			ACD117F	MP0371C CONTROL CIRCUIT	G	28090A	E-336	
44050					G	ACFG	E-336	
44051					G	JB2805	E-336	
44052					G	ACFH	E-336	
44053					G	28455A	E-336	
44054					G	ACFA	E-336	
44055					G	27360A	E-336	
44056					G	ACAB	E-336	
44039N			ACD117H	MP0371C CONTROL CIRCUIT	G	1CDB	E-335, 351-4	3 A
44039P					G	27089A	E-335	3 A
44062E			ACD117J	MP0371C CONTROL CIRCUIT	G	28059A	E-336	3 A
44076Y			ACD117K	MP0371C CONTROL CIRCUIT	G	1CFF	E-336	3 A
44076Z					G	28059A	E-336	3 A
44082A			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44087			RC2825	MP0371C RELAY CABINET (CH. A)	G		E-336	
44102		P-371D	ACBE1192B	MP0371D CONTROL CIRCUIT	G	27516A	E-335	
44110			ACBE1192C	MP0371D CONTROL CIRCUIT	G	ACEN	E-335	
44111					G	27513A	E-335	
44112					G	ACEM	E-335	
44113			ACBE1192D	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44114					G	28254A	E-336	
44115					G	ACFH	E-336	
44116					G	JB2805	E-336	
44117					G	ACFB	E-336	
44120					G	27570A	E-335	
44121					G	ACAB	E-335	
44122					G	27513A	E-335	
44123					G	ACEM	E-335	
44124			ACBE1192E	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44125					G	28254A	E-336	
44126					G	ACFH	E-336	
44127					G	JB2805	E-336	
44128					G	ACFB	E-336	
44131					G	27570A	E-335	
44132					G	ACAB	E-335	
44133					G	27513A	E-335	
44134					G	ACEM	E-335	
44137			ACBE1192F	MP0371D CONTROL CIRCUIT	G	JB2805	E-336	
44138					G	ACFB	E-336	
44139					G	28254A	E-336	
44140					G	ACAB	E-336	
44141					G	28300A	E-336	
44142					G	ACFH	E-336	
44143			ACBE1192G	MP0371D CONTROL CIRCUIT	G	28299A	E-336	3 D
44144					G	ACFH	E-336	3 D
44145					G	28455B	E-336	3 D
44146					G	ACFG	E-336	3 D
44158			ACBE1192I	MP0371D CONTROL CIRCUIT	G	ACFH	E-336	3 D
44159					G	28299A	E-336	3 D
44160					G	28455B	E-336	3 D
44161					G	ACFG	E-336	3 D
44172			ACBE1192J	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44173			ACBE1192K	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44156R			ACBE1192L	MP0371D CONTROL CIRCUIT	G	1CFF	E-336	3 A
44156S					G	28059A	E-336	3 A
44171P			ACBE1192M	MP0371D CONTROL CIRCUIT	G	1CFF	E-336	3 A
44171Q					G	28059A	E-336	3 A
44175			APBE1192A	MP0371D POWER CIRCUIT	G	27509A	E-335	
44175A			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44176			BE1192	MP0371D CIRCUIT BREAKER (CH. A)	G		E-335	
44182			CDE11D	MP0371D DISCONNECT SWITCH (CH. 1)	G		E-335	
44181			RC2825	MP0371D RELAY CABINET (CH. A)	G		E-336	
44208		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	G	BCEQ	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44209	MUPS	P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	G	27399A	E-335	
44211			BCBF1167C	MP0372B CONTROL CIRCUIT	G	28247A	E-336	
44225					G	BCEQ	E-335	
44226					G	27399A	E-335	
44236			RC2826	MP0372B RELAY CABINET (CH. B)	G		E-336	
44302		P-372C	BCD217B	MP0372C CONTROL CIRCUIT	G	27294A	E-335	
44303					G	BCEQ	E-335	
44322			BCD217D	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44339			BCD217E	MP0372C CONTROL CIRCUIT	G	27399A	E-335	
44340					G	BCEQ	E-335	
44341					G	28050C	E-335	
44342					G	BCDR	E-335	
44343					G	28050B*	E-333	
44343D					G	28050B*	E-334	
44343E					G	28050B*	E-334	
44347					G	28434B	E-336	
44348			BCD217F	MP0372C CONTROL CIRCUIT	G	28247B	E-336	
44361					G	BCEQ	E-335	
44362					G	27217B	E-335	
44364			BCD217G	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44397			RC2826	MP0372C RELAY CABINET (CH. B)	G		E-336	
44402		P-372D	BCBF1168B	MP372D CONTROL CIRCUIT	G	27440A	E-335	
44412			BCBF1168C	MP372D CONTROL CIRCUIT	G	BCEQ	E-335	
44413					G	27399A	E-335	
44415			BCBF1168D	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44428					G	BCEQ	E-335	
44429					G	27399A	E-335	
44431			BCBF1168E	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44444					G	BCEQ	E-335	
44445					G	27399A	E-335	
44449			BCBF1168F	MP372D CONTROL CIRCUIT	G	27217A	E-335	
44450					G	BCEQ	E-335	
44463					G	28247A	E-336	
44464			ECBF1168G	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44481			BCBF1168I	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44505			RC2826	MP372D RELAY CABINET (CH. B)	G		E-336	
44634B		P37-1	ACAC105E	MP0371A CONTROL CIRCUIT	G	36032B*	E-333, 337	
44640			ACAC105F	MP0371A CONTROL CIRCUIT	G	27290A	E-335	
44667			ACAC105K	MP0371A CONTROL CIRCUIT	G	27354A	E-335	
44668					G	ACAB	E-335, 336	
44669					G	ACFA	E-336	
44670					G	JB2805	E-336	
44671					G	ACFH	E-336	
44672					G	28253A	E-336	
44673					G	28300B	E-336	
44664P			ACAC105N	MP0371A CONTROL CIRCUIT	G	1CFE	E-336	3 A
44664Q					G	28059A	E-336	3 A
44684			RC2825	MP0371A RELAY CABINET (CH. A)	G		E-336	
44744A		P37-2	BCAD105E	MP0372A CONTROL CIRCUIT	G	36132B*	E-333	
44752A			BCAD105F	MP0372A CONTROL CIRCUIT	G	36132B*	E-333	
44757			BCAD105G	MP0372A CONTROL CIRCUIT	G	28222A	E-336	
44775			BCAD105H	MP0372A CONTROL CIRCUIT	G	28247B	E-336	
44796			BCAD105K	MP0372A CONTROL CIRCUIT	G	27355A	E-335-1	
44797					G	BCEQ	E-335, 335-1	
44818			RC2825	MP0372A RELAY CABINET (CH. B)	G		E-336	
44819			RC2826	MP0372A RELAY CABINET (CH. B)	G		E-335	
44830		T-4	N/A	MAKEUP TANK	G	MAN		
44835		T5-1	N/A	MIXED BED PURIFICATION DEMINERALIZER 1-1	G	MAN		
44840		T5-2	N/A	MIXED BED PURIFICATION DEMINERALIZER 1-2	G	MAN		
44845		T5-3	N/A	CATION BED PURIFICATION DEMINERALIZER 1-3	G	MAN		
44845B		WC120	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	G	N/A		
44940		WC1453	ACV1453A	WC1453 CONTROL CIRCUIT	G	27633B	E-335	
44900			ACV1453B	WC1453 CONTROL CIRCUIT	G	NIPPLE	E-335	
44901			ACV1453C	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44902					G	ACEM	E-335	
44903					G	27570A	E-335	
44904					G	ACFB	E-335	
44905					G	ACDA	E-335	
44910			ACV1453D	WC1453 CONTROL CIRCUIT	G	27633A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44911	MUPS	WC1453	ACV1453D	WC1453 CONTROL CIRCUIT	G	ACEM	E-335	
44912					G	ACEN	E-335	
44918					G	ACGH	E-349	
44919					G	37698A	E-349	
44919A			ACV1453E	WC1453 INDICATING CIRCUIT	G	27633B	E-335	
44920			ACV1453F	WC1453 CONTROL CIRCUIT	G	27545A	E-335	
44921					G	ACEM	E-335	
44922					G	ACEN	E-335	
44928					G	ACGH	E-349	
44929					G	37698A	E-349	
44930			ACV1453G	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44931					G	ACEM	E-335	
44932					G	ACEN	E-335	
44941			EV1453	WC1453 TERMINAL BOX (CH A)	G		E-335	
44942			NV1453	WC1453 LOCAL CONTROLLER (CH A)	G		E-335	
44944			RC3715	WC1453 RELAY CABINET	G		E-349	
44947			SV1453	WC1453 SOLENOID VALVE	G		E-335	
44945			TSHH1740	WC1453 TEMPERATURE SWITCH	G		E-335	
45164		WC1743	ACV1743G	WC1743 CONTROL CIRCUIT	G	ACDA	E-335, 351-4	
45003		WC1747	BCV1747C	WC1747 CONTROL CIRCUIT	G	17610A	E-335	
45004					G	BCEQ	E-335	
45005					G	BCDR	E-335	
45011			BCV1747D	WC1747 CONTROL CIRCUIT	G	17610A	E-335	
45012					G	BCEQ	E-335	
45013					G	BCDR	E-332	
45019			BCV1747E	WC1747 CONTROL CIRCUIT	G	17610A	E-335	
45020					G	BCEQ	E-335	
45021					G	BCDR	E-332	
45031			BCV1747G	WC1747 CONTROL CIRCUIT	G	17610D	E-335	
45033					G	BCEQ	E-335	
45121		WC3560	ACV3560A	WC3560 POWER CIRCUIT	G	27635C	E-335	
45122					G	27635D	E-335	
45100			ACV3560B	WC3560 CONTROL CIRCUIT	G	NIPPLE	E-335	
45101			ACV3560C	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45102					G	ACEM	E-335	
45103					G	ACEN	E-335	
45111			ACV3560D	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45112					G	ACEM	E-335	
45113					G	ACEN	E-335	
45119					G	ACGH	E-349	
45120					G	37751A	E-349	
45120A			ACV3560E	WC3560 INDICATING CIRCUIT	G	27635C	E-335	
45120B					G	27635D	E-335	
45123			EV3560	WC3560 TERMINAL BOX (CH A)	G		E-335	
45124			NV3560	WC3560 LOCAL CONTROLLER (CH A)	G		E-335	
45126			RC3715	WC3560 RELAY CABINET	G		E-349	
45127			SV3560	WC3560 SOLENOID VALVE	G		E-335	
46205	NNI	FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	G	36273C	E-335	
46206					G	36273A	E-335	
46306		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	G	36273C	E-335	
46307					G	36273A	E-335	
46405		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	G	36273A	E-335	
46407					G	36273C	E-336	
46507		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	G	36273A	E-335	
46509					G	36273C	E-336	
50822	RCS	RC239A	2CBF1126H	MV0239A CONTROL CIRCUIT	G	18402A	E-335	
50823					G	2CEV	E-335	
50917		RC239B	2CBF1127G	MV0239B CONTROL CIRCUIT	G	18402A	E-335	
50918					G	2CEV	E-335	
51503		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	G	18402A	E-335	
51504					G	2CEV	E-335	
51520			2CV4632D	SV4632 CONTROL CIRCUIT	G	2CEV	E-335	
51521					G	18402A	E-335	
52408	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	G	20323A	E-336	
52506		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	G	20325A	E-335	
52607		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	G	20324A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
52706	SPAS	LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	G	20326A	E-335	
57711	SFRCS	PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	G	1CDB	E-335	
57712					G	27574A	E-335	
60611		RCPM3	1CRCPM31B	RCP MONITOR	G	1CDB	E-335	
60612					G	27574A	E-335	
62440	SWS	SW1382	1CBE1218H	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62453			1CBE1218I	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62473			1CPS4928C	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62479			1CPS4928D	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62484			1CPS4928E	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62512			CDE-11D	MV1382 DISCONNECT SWITCH (CH. 1)	G		E-335	
63013A			SW1424	1CV1424D	SV1424 CONTROL CIRCUIT	G	37035B*	E-339
63023A		1CV1424G	SV1424 CONTROL CIRCUIT	G	37035B*	E-339		
63169	SW1429		3CV1429A	SV1429 CONTROL CIRCUIT	G	36205E	E-335	
63177			3CV1429B	SV1429 CONTROL CIRCUIT	G	36205E	E-335	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
21500	CREVS	C21-1	1CBE1209B	MC0211 POWER CIRCUIT	HH	46103C	E-416			
21515			1PBE1209A	MC0211 POWER CIRCUIT	HH	46102C	E-416			
21521			MC0211	CTRM EMER VENT SYS FAN 1-1 (CH. 1)	HH		E-416			
21522			NC0211	MC0211 LOCAL CONTROLLER (CH. 1)	HH		E-416			
21600		C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	HH	47051E	E-416			
21601					HH	47051D*	E-358			
21614			2PBF1149A	MC0212 POWER CIRCUIT	HH	47050E	E-416			
21615					HH	47050D*	E-358			
21623			MC0212	CTRM EMER VENT SYS FAN 1-2 (CH. 2)	HH		E-416			
21624			NC0212	MC0212 LOCAL CONTROLLER (CH. 2)	HH		E-416			
21640	E106-1		N/A	CREVS COOLING COIL	HH	MAN				
21645	E106-2		N/A	CREVS COOLING COIL	HH	MAN				
21650	F22-1		N/A	CREVS FILTER BANK	HH	MAN				
21655	F22-2		N/A	CREVS FILTER BANK	HH	MAN				
21700	S33-1		1CBE1216B	MS3311 CONTROL CIRCUIT	HH	67131A	E-416			
21701					HH	EV2927	E-416			
21702					HH	46106C	E-416			
21709					1CBE1216C	MS3311 CONTROL CIRCUIT	HH	67132A	E-416	
21710							HH	EV2927	E-416	
21711							HH	67131A	E-416	
21775A					1CBE1216E	MS33-1 CONTROL CIRCUIT	HH	67131A	E-416	
21775B							HH	EV2927	E-416	
21775C							HH	46106C	E-416	
21775D							HH	46106B*	E-357, 358	
21712					1CCEAC1C	MS3311 CONTROL CIRCUIT	HH	67002D	E-416	
21713							HH	JB6726	E-416	
21714							HH	67002E	E-416	
21715							HH	67002B*	E-355, 358	
21734					1CCEAC1D	MS3311 CONTROL CIRCUIT	HH	67194A	E-416	
21735					1CCEAC1E	MS3311 CONTROL CIRCUIT	HH	67190B	E-416	
21736							HH	JB6724	E-416	
21737							HH	67190A	E-416	
21738					1CCEAC1F	MS3311 CONTROL CIRCUIT	HH	67190D	E-416	
21739							HH	JB6724	E-416	
21740							HH	67190A	E-416	
21741					1CCEAC1G	MS3311 CONTROL CIRCUIT	HH	67190C	E-416	
21742							HH	JB6724	E-416	
21743							HH	67190A	E-416	
21744					1CCEAC1H	MS3311 CONTROL CIRCUIT	HH	67191A	E-416	
21745					1CCEAC1J	MS3311 CONTROL CIRCUIT C6714 TO C6708	HH	67907A	E-416	
21747					1LPT5898A	MS3311 IND. CIRCUIT C6714 TO LPT5898	HH	67908A	E-416	
21749					1PBE1216A	MS3311 POWER CIRCUIT	HH	67128A	E-416	
21750							HH	46107C	E-416	
21755					C6706	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21756					C6708	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21757					C6714	CREVS CH.1 CABINET-ROOM 603	HH		E-416	
21758					FTS5261	MS3311 TEMPERATURE SWITCH (CH. 1)	HH		E-416	
21759			MS3311	CTRM EMER A/C UNIT 1-1 (CH. 1)	HH		E-416			
21760			NS0611	MS3311 LOCAL CONTROLLER (CH. 1)	HH		E-416			
21761			PCS898	CREVS STBY COND 1 DAMPER CONTROL	HH		E-416			
21762			PS5900	CREVS CH.1 SWITCHOVER PRESS	HH		E-416			
21763			PSH5898	CREVS STBY COND 1 FAN START	HH		E-416			
21764			PSL5898	CREVS STBY COND 1 FAN STOP	HH		E-416			
21768			PTS5898	CREVS CH.1 REFRIG HEAD PRESS	HH		E-416			
21769			PYS5898	CREVS STBY COND 1 SIG CONV	HH		E-416			
21770			PYS5898A	CREVS STBY COND 1 SIG CONV	HH		E-416			
21765			SV4823	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416			
21766			SV4823A	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416			
21767			SV4824	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416			
21800	S33-2		2CBF1131B	MS3321 CONTROL CIRCUIT	HH	67126A	E-416			
21801					HH	EV2928	E-416			
21802					HH	47057E	E-416			
21809					2CBF1131C	MS3321 CONTROL CIRCUIT	HH	67125A	E-416	
21810							HH	EV2928	E-416	
21811							HH	67126A	E-416	
21865A					2CBF1131E	MS33-2 CONTROL CIRCUIT	HH	67126A	E-416	
21865B							HH	EV2928	E-416	
21865C							HH	47057E	E-416	
21812					2CCEAC2C	MS3321 CONTROL CIRCUIT	HH	67199A	E-416	
21822					2CCEAC2D	MS3321 CONTROL CIRCUIT	HH	67197A	E-416	
21823					2CCEAC2E	MS3321 CONTROL CIRCUIT	HH	67195B	E-416	
21824							HH	JB6725	E-416	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
21825	CREVS	S33-2	2CCEAC2E	MS3321 CONTROL CIRCUIT	HH	67195A	E-416			
21826			2CCEAC2F	MS3321 CONTROL CIRCUIT	HH	67195D	E-416			
21827						HH	JB6725	E-416		
21828						HH	67195A	E-416		
21829					2CCEAC2G	MS3321 CONTROL CIRCUIT	HH	67195C	E-416	
21830							HH	JB6725	E-416	
21831							HH	67195A	E-416	
21832					2CCEAC2H	MS3321 CONTROL CIRCUIT	HH	67196A	E-416	
21833					2CCEAC2J	MS3321 CONTROL CIRCUIT C6715 TO C6709	HH	67920A	E-416	
21835					2LPT5899A	MS3321 IND. CIRCUIT C6715 TO LPT5899	HH	67905A	E-416	
21837					2PBF1131A	MS3321 POWER CIRCUIT	HH	47056G	E-416	
21838							HH	47056E	E-416	
21839							HH	47056D*	E-358	
21846					C6707	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21847					C6709	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21848					C6715	CREVS CH.2 CABINET-ROOM 603	HH		E-416	
21849					FTS5262	MS3321 TEMPERATURE SWITCH (CH. 2)	HH		E-416	
21850					MS3321	CTRM EMER A/C UNIT 1-2 (CH. 2)	HH		E-416	
21851					NS0612	MS3321 LOCAL CONTROLLER (CH. 2)	HH		E-416	
21852					PCS899	CREVS STBY COND 2 DAMPER CONTROL	HH		E-416	
21853					PS5901	CREVS CH.2 SWITCHOVER PRESS	HH		E-416	
21854					PSH5899	CREVS STBY COND 2 FAN START	HH		E-416	
21855					PSL5899	CREVS STBY COND 2 FAN STOP	HH		E-416	
21856					PTS899	CREVS CH.2 REFRIG HEAD PRESS	HH		E-416	
21857					PYS899	CREVS STBY COND 2 SIG CONV	HH		E-416	
21858					PY5899A	CREVS STBY COND 2 SIG CONV	HH		E-416	
21859					SV4827	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416	
21860			SV4827A	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416			
21861			SV4828	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416			
21869	SV4823A		1CCEAC1G	SV4823A CONTROL CIRCUIT	HH	67190A	E-416			
21869A						HH	JB6724	E-416		
21869B						HH	67190C	E-416		
21869C				C6708	SV4823A CONTROL CIRCUIT	HH		E-416		
21870	SV4827A		2CCEAC2G	SV4827A CONTROL CIRCUIT	HH	67195A	E-416			
21870A						HH	JB6725	E-416		
21870B						HH	67195C	E-416		
21870C				C6709	SV4827A CONTROL CIRCUIT	HH		E-416		
31800	ESSPWR	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67002D	E-416			
31801						HH	JB6726	E-416		
31802						HH	67002E	E-416		
31803						HH	67002B	E-358		
31803A						HH	67002B*	E-355, 358		
31810A					1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
32106				C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	HH	67199A	E-416	
31810B	C6714		1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	HH	67002D	E-416			
31810C						HH	JB6726	E-416		
31810D						HH	67002E	E-416		
31810E						HH	67002B	E-416		
31810F						HH	67002B*	E-355, 358		
31810U					1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
21748					1LV4906B	MS3311 IND. CIRCUIT C6714 TO C6708	HH	67906A	E-416	
32107F	C6715		2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	HH	67199A	E-346			
32107G				2CY204B	CTRL POWER TO CTRM EMER SYS PNL C6715	HH	67920A	E-416		
21836				2LV4907B	MS3321 IND. CIRCUIT C6715 TO C6709	HH	67909A	E-416		
39422	MSS	MS100	1CFV100EG	FV100 CONTROL CIRCUIT	HH	67007A	E-416			
39423						HH	67007B*	E-355, 358		
63400	SWS	SW2927	1CBEL232B	MV2927 CONTROL CIRCUIT	HH	46106C	E-416			
63407				1CBEL232C	MV2927 CONTROL CIRCUIT	HH	67130A	E-416		
63408				1CBEL232D	MV2927 CONTROL CIRCUIT	HH	Nipple	E-416		
63422				1CBEL232X	MV2927 CONTROL CIRCUIT	HH	67211A	E-416		
63423				1PBEL232A	MV2927 POWER CIRCUIT	HH	67129A	E-416		
63424						HH	46107C	E-416		
63431					C6708	MV2927 EMER SYS COND CABINET (CH. 1)	HH		E-416	
63433					EV2927	MV2927 TERMINAL BOX (CH. 1)	HH		E-416	
63435					MV2927	CTRM EMER COND UNIT 1 IN VLV (CH. 1)	HH		E-416	
63436					NV2927	MV2927 LOCAL CONTROLLER (CH. 1)	HH		E-416	
63500	SW2928		2CBF1132B	MV2928 CONTROL CIRCUIT	HH	47057E	E-416			
63506				2CBF1132C	MV2928 CONTROL CIRCUIT	HH	67127A	E-416		
63507				2CBF1132D	MV2928 CONTROL CIRCUIT	HH	Nipple	E-416		
63521				2PBF1132A	MV2928 POWER CIRCUIT	HH	47056F	E-416		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
63522	SWS	SW2928	2PBF1132A	MV2928 POWER CIRCUIT	HH	47056E	E-416	
63522A					HH	47056D*	E-358	
63530			C6709	MV2928 EMER SYS COND CABINET (CH. 2)	HH		E-416	
63532			EV2928	MV2928 TERMINAL BOX (CH. 2)	HH		E-416	
63534			MV2928	CTRM EMER COND UNIT 2 IN VLV (CH. 2)	HH		E-416	
63535			NV2928	MV2928 LOCAL CONTROLLER (CH. 2)	HH		E-416	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00813A 00814	AFWS	AF6452	1LLC6452B	AF6452 CONTROL CIRCUIT	II	27118A*	E-333, 339	
					II	27118B*	E-333	
0910		E183	N/A	MDFP SEAL WTR COOLERS	II	MAN		
0920		E184-1	N/A	MDFP SEAL WTR COOLERS	II	MAN		
0930		E184-2	N/A	MDFP SEAL WTR COOLERS	II	MAN		
01025A 01026		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	II	27116A*	E-333, 339	
01047			1CLC6459G	FW6459 CONTROL CIRCUIT	II	24223B	E-308	
01009A			1CLC6459H	FW6459 CONTROL CIRCUIT	II	27116A*	E-333, 339	
01010					II	27116B*	E-333, 339	
01055A			1LLC6459A	FW6459 CONTROL CIRCUIT	II	27118A*	E-333, 339	
01056					II	27118B*	E-339, 344, 356	
01038			1LLC6459C	FW6459 CONTROL CIRCUIT	II	27891C	E-308	
01046			1LLC6459D	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01044			1LLC6459E	FW6459 CONTROL CIRCUIT	II	27891C	E-308	
01045			1LLC6459F	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01066			FV6459	MDFP FLOW CONTROL VALVE (CH 1)	II		E-308	
01065			ZC6459	FW6459 SOLENOID VALVE (CH 1)	II		E-308	
01130		FW6460	2CLC6460G	FW6460 CONTROL CIRCUIT	II	24222B	E-308	
01119			2LLC6460C	FW6460 CONTROL CIRCUIT	II	27890A	E-308	
01120			2LLC6460D	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01128			2LLC6460E	FW6460 CONTROL CIRCUIT	II	27890A	E-308	
01129			2LLC6460F	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01140			FV6460	MDFP FLOW CONTROL VALVE (CH 2)	II		E-308	
01139			ZC6460	FW6460 SOLENOID VALVE (CH 2)	II		E-308	
01316		ICS038B	1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	II	27112A*	E-333, 339	
01315B			1CAFPT01B	ICS038B CONTROL CDE-12-1 TO C5709	II	27112B*	E-339, 344, 356	
01605B		MS106	1PD135A	MV106 POWER CIRCUIT	II	46067B*	E-343, 344	
01904A		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	II	47064B*	E-344, 347, 358	
02022B			2PBF1124A	MV107 POWER CIRCUIT	II	47063B*	E-344, 347, 358	
02209A		MSS889A	1CV5889AB	SV5889A CONTROL CIRCUIT	II	27115B*	E-339, 344, 356	
02210					II	27115A*	E-333, 339	
02218A			1CV5889AC	SV5889A CONTROL CIRCUIT	II	27115B*	E-339, 344, 356	
02219					II	27115A*	E-333, 339	
02232B			1CV5889AG	SV5889A CONTROL CIRCUIT	II	27115A*	E-333, 339	
02233A					II	27115B*	E-339, 344, 356	
02243A			1CV5889AH	SV5889A CONTROL CIRCUIT	II	27115A*	E-333, 339	
02244A					II	27115B*	E-339, 344, 356	
02426		P241	BCAD210F	MP2410 CONTROL CIRCUIT	II	BCVL	E-313, E-338	
02427					II	BCVB	E-313, E-314	
02428					II	BCVK	E-314, E-349-1	
02429					II	24118A	E-308, E-349-1	
02430					II	24118B	E-308	
02431					II	JB2419	E-308	
02432					II	24118C	E-308	
02433			BCAD210G	MP2410 CONTROL CIRCUIT	II	24200A	E-308	
02434					II	JB2418	E-308	
02435					II	24101A	E-308	
02436					II	24101B	E-308	
02441			BPAD210H	MP2410 CONTROL CIRCUIT	II	36125C	E-349-1, 314, 308	
02442			C2405	MP2410 CONTROL CABINET	II		E-308	
02448			FPSHL5882	MP2410 PRESSURE SWITCH	II		E-308	
02449			MP2410	MOTOR DRIVEN FEED PUMP	II		E-308	
02450			R2408	MP2410 CONTROL CAB.	II		E-308	
02505		P242-1	BCBF7114B	MP2421 CONTROL CIRCUIT	II	BCVL	E-338	
02506					II	BCVB	E-313, E-314	
02507					II	34137A	E-314	
02508			BCBF7114C	MP2421 CONTROL CIRCUIT	II	34137A	E-314	
02509					II	BCVB	E-314	
02510					II	34302A	E-308	
02511					II	JB2418	E-308	
02512					II	24101A	E-308	
02513					II	24101B	E-308	
02516			BF7114	MP2421 CIRCUIT BREAKER (CH B)	II		E-314	
02514			BPBF7114A	MP2421 POWER CIRCUIT	II	34303A	E-308, E-314	
02517			C2405	MP2421 CONTROL PANEL (CH B)	II		E-308	
02519			FPSHL5883	MP2421 PRESSURE SWITCH	II		E-308	
02518			MP2421	MDFP AUX LUBE OIL PUMP	II		E-308	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
02530	AFWS	P242-2	N/A	MDFP SHAFT DRIVEN LO PUMP	II	MAN				
02535		T31-1	N/A	COND STD TANK 1-1	II	MAN				
02540		T31-2	N/A	COND STD TANK 1-2	II	MAN				
18957D	CCWS	CC2645	1CCCW001B	MV2645 CONTROL CIRCUIT	II	36010B*	E-337, 339			
18968D			1CCCW001C	MV2645 CONTROL CIRCUIT	II	36010B	E-337, 339			
19171C		CC2649	2CCCW002B	MV2649 CONTROL CIRCUIT	II	36110B*	E-337, 339			
19181C			2CCCW002C	MV2649 CONTROL CIRCUIT	II	36110B*	E-337, 339			
19773D		CC5095	1CCCW001B	MV5095 CONTROL CIRCUIT	II	36010B*	E-337, 339			
19784D			1CCCW001C	MV5095 CONTROL CIRCUIT	II	36010B*	E-337, 339			
19975C		CC5096	2CCCW002B	MV5096 CONTROL CIRCUIT	II	36110B*	E-337, 339			
19985C			2CCCW002C	MV5096 CONTROL CIRCUIT	II	36110B*	E-337, 339			
20171D		CC5097	1CCCW001B	MV5097 CONTROL CIRCUIT	II	36010B*	E-337, 339			
20187D			1CCCW001C	MV5097 CONTROL CIRCUIT	II	36010B*	E-337, 339			
20371A		CC5098	2CCCW002B	MV5098 CONTROL CIRCUIT	II	36110B*	E-337, 339			
20380B			2CCCW002C	MV5098 CONTROL CIRCUIT	II	36110B*	E-337, 339			
20504A		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	II	27111B*	E-339, 344, 355			
20504C			27111A*	E-333, 339						
20521A			1CAC113C	MP0431 CONTROL CIRCUIT	II	27111B*	E-339, 344, 355			
20521C			27111A*	E-333, 339						
20549B			1CAC113E	MP0431 CONTROL CIRCUIT	II	27111B*	E-339, 344, 355			
20549D			27111A*	E-333, 339						
20608D			1CCCW001B	MP0431 CONTROL CIRCUIT	II	36010B*	E-337, 339			
20619D			1CCCW001C	MP0431 CONTROL CIRCUIT	II	36010B*	E-337, 339			
20625D			1PAC113A	MP0431 POWER CIRCUIT	II	36011A*	E-337, 339			
20797C				P43-2	2CCCW002B	MP0432 CONTROL CIRCUIT	II	36110B*	E-337, 339	
20807C					2CCCW002C	MP0432 CONTROL CIRCUIT	II	36110B*	E-337, 339	
20812B	2PAD113A	MP0432 CONTROL CIRCUIT			II	36111A*	E-337, 339			
20904A		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356			
20905			27111A*	E-333, 339						
20917A			1CAC108C	MP0433 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356			
20918			27111A*	E-333, 339						
20991A			1CAC108H	MP0433 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356			
20992			27111A*	E-333, 339						
21009A			1CAC108I	MP0433 CONTROL CIRCUIT	II	27111B*	E-344, 339, 356			
21010			27111A*	E-333, 339						
21062A			1CACD2C	MP0433 CONTROL CIRCUIT	II	27111B*	E-339, 344, 355			
21063			27111A*	E-333, 339						
21228C			2CAD108K	MP0433 CONTROL CIRCUIT	II	36204B*	E-337, 339			
21245B			3PACD1A	MP0433 POWER CIRCUIT	II	36203A*	E-337, 339			
21502			CREVS	C21-1	1CBEL209B	MC0211 POWER CIRCUIT	II	46103A	E-413	
21517	1PBE1209A	MC0211 POWER CIRCUIT			II	46102A	E-413			
21704		S33-1	1CBEL216B	MS3311 CONTROL CIRCUIT	II	46106A	E-413			
21752			1PBE1216A	MS3311 POWER CIRCUIT	II	46107A	E-413			
24304A	DHRS	P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	II	27113B*	E-339, 344, 356			
24305			27113A*	E-333, 339						
24320A			1CAC112C	MP0421 CONTROL CIRCUIT	II	27113B*	E-339, 344, 356			
24320C			27113A*	E-333, 339						
24342A			1CAC112F	MP0421 CONTROL CIRCUIT	II	27113B*	E-339, 344, 356			
24343	27113A*	E-333, 339								
24507A	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	II	27113B*	E-339, 344, 356			
24508			27113A*	E-333, 339						
24526A			1CGD104C	SV 1147A/B CONTROL CIRCUIT	II	27113B*	E-339, 344, 356			
24527			27113A*	E-333, 339						
24749A		K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356			
24750			27112A*	E-333, 339						
24767A			1CGD101N	EDG 1-1 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356			
24768			27112A*	E-333, 339						
24815A			27112B*	E-339, 344, 356						
25869A			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356			
25870			27112A*	E-333, 339						
25889A			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356			
25890			27112A*	E-333, 339						
24816			1CGD105A	EDG 1-1 CONTROL CIRCUIT	II	27112A*	E-333, 339			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24843A 24844	EDG	K5-1	1CGD106A	EDG 1-1 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356	
					II	27112A*	E-333, 339	
25296L 25296M 25296N 25296O 25296P 25296Q 25296R		P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	II	ACGF	E-338	
					II	ACVH	E-338, 313	
					II	ACVA	E-313, 314	
					II	ACVE	E-314	
					II	ACTC	E-308	
					II	ACTA	E-308	
25297F 25297G 25297H 25297I 25297J 25297K 25297L			ACBE1257L	MP8-1 CONTROL CIRCUIT	II	24002A	E-308	
					II	ACGF	E-338	
					II	ACVH	E-338, 313	
					II	ACVA	E-313, 314	
					II	ACVE	E-314	
					II	ACTC	E-308	
					II	ACTA	E-308	
25298 25298A 25298B 25298C 25298D			ACBE1257N	MP8-1 CONTROL CIRCUIT	II	24002A	E-308	
					II	ACVA	E-313, 314	
					II	ACVH	E-313, 338	
					II	ACGF	E-338	
					II	35130C	E-338	
					II	ACGH	E-338	
25744A 25745 25760A 25761 25799A 25800 25814A 25815 25832A 25833	ESSPWR	C1	1CAC101C	AC101 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356	
					II	27112A*	E-333, 339	
			1CAC101D	AC101 CONTROL CIRCUIT	II	27112B*	E-339, 344, 356	
					II	27112A*	E-333, 339	
			1CAC1033A	SWGR C1 CONTROL	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
			1CAC1033B	SWGR C1 CONTROL	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	II	27115B*	E-339, 344, 356	
					II	27115A*	E-333, 339	
25952 25979 26060N 26060Q 26034		C2	ACAACC2C	BACKFEED CONTROL CIRCUIT E34B/1	II	ACGF	E-356-1, 349-1	
			ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	II	ACGF	E-338, 349-1	
			ACAC2031A	BKR AMMETER AND TRIP AC110	II	ACGF	E-338	A
					II	ACGF	E-349-1	A
			ACAC2032A	SWGR C2 CONTROL CIRCUIT	II	ACGF	E-338, 349-1, 347	
32606 32404D		C5760D	APYAU26A	INST POWER PD TO NNI-Y BUS	II	46188A	E-347	
		C5763D	3CY307A	120V AC CONTROL POWER	II	46091B*	E-343, 344, 355	
28604A 28605 28627A 28628 28644A 28644C 28667A 28668		E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
			1CAC11CFB	AC1CE11 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
			1CAC12CED	AC1CE12 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
			1CAC12CFB	AC1CE12 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
					II	27111A*	E-333, 339	
30001 30202A		E16A	1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	II	46940A	E-413	
					II	46940A	E-413	4 A
31619 31620 31621 31645 31646 31647 31648 31649 31650 31651 31632 31633 31634 31635 31664 31670N 31659 31600 31670D 31670E 31670F 31670J 31670K		F7	BCAD2DF7E	AD2DF7 CONTROL CIRCUIT	II	BCVL	E-338, 313	
					II	BCVB	E-313, 314	
					II	34301A	E-314	
			BCBDF7A	BDF7 CONTROL CIRCUIT	II	BCVL	E-338	
					II	BCVB	E-313, 314	
					II	34301A	E-314	
			BCBDF7B	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
					II	BCVB	E-314	
					II	BCVK	E-314, 349-1, 308	
					II	BCWF	E-318	
			BCBF7A	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
					II	BCVB	E-314	
					II	BCVK	E-314, 349-1	
					II	BCWF	E-318	
			BDF7	480VAC SWGR BUS F7 FDR CIRCUIT BREAKER	II		E-314	
			BF7	BUS F7	II		E-314	
			BF702	F7 CONTROL PANEL (CH B)	II		E-314	
			BPAD2DF7A	4.16KV FD BRKR TO UNIT SUB F7 POWER	II	36434A	E-314	
			BPDBN11A	DC CONT PWR TO F7 FOR MDPF AUX LO PUMP	II	46797B*	E-346-1	
					II	JB4680	E-346-1	
					II	46797C	E-314, 349-1	
			BFDBP11A	ALT DC CNTRL TO F7 FOR MDPF AUX LO PUMP	II	46797B*	E-346	
					II	JB4680	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31670L 31660 31657	ESSPWR	F7	BPDBP11A F7 XDF7	ALT DC CNTRL TO F7 FOR MDPP AUX LO PUMP 480VAC UNIT SUBSTATION 480VAC USS F7 XFMR	II II II	46797C	E-346 E-314 E-314	
31702 31700 31701		F71	BF707 BPBF707A F71	MCC F7 CIRCUIT BREAKER (CH B) POWER FEEDER TO F71 480VAC MCC	II II II	34128A	E-314 E-314 E-314	
31914 31915 31916		RC3715	ACDAP28A	CONTROL POWER (WC1453)	II II II	ACKE 46200A ACGH	E-346, 346-1 E-346 E-338	
31994		Y1	1PBE1616A	ALT PWR CONST VOLTAGE TRANSFRM XY1(CH 1)	II	56313A	E-413	4 A
32409		Y3	1PBE1617A	ALT PWR VIA CNSTNT VLGT XFMR XY3 (CH 3)	II	56312A	E-413	4 A
32700		Y3602	BPYBU05A	CONTROL POWER T Y3602 (MU32, MU19)	II	46906A	E-338	
26526		ZC6459	1CD1N16A	CONTROL POWER TO AF6459	II	24223C	E-308	
27210		ZC6460	2CD2P10A	CONTROL POWER TO FW6460	II	24142A	E-335	
34413A 34414A	HPIS	P197-1	1CBEL296C	MP1971 CONTROL CIRCUIT	II II	27115A* 27115B*	E-333, 339 E-339, 344, 356	
34543B 34544 34546B		P197-2	1PD106A	MP1972 POWER CIRCUIT	II II II	47060C* 47060B* 46068B	E-330,333,339 E-344, 339 E-343,344	
34619A 34620		P198-1	2PBF1231A	MP1981 POWER CIRCUIT	II II	47062B* 47062C*	E-339, 344 E-330, 333, 339	
34730A 34731		P198-2	2PD206A	MP1982 POWER CIRCUIT	II II	47061B* 47061C*	E-339, 344 E-330, 333, 339	
39456A 39464A	MSS	MS100	2CFV100B 2CFV100BG	FV100 CONTROL CIRCUIT FV100 CONTROL CIRCUIT	II II	47042B* 47042B*	E-344, 358 E-344, 358	
41631 41632 41663	MUPS	MU19	BCY36218A Y3602	MU19 CONTROL CIRCUIT MU19 120V AC FUSE PANEL (CH. B)	II II II	36261B BCVL E-338	E-338 E-338 E-338	
41824 41825 41859		MU32	BCY36217A Y3602	MU32 CONTROL CIRCUIT MU32 120V AC FUSE PANEL (CH. B)	II II II	BCVL 36261A E-338	E-338 E-338 E-338	
44011 44020 44037 44076M 44076O 44078		P-371C	ACD117B ACD117C ACD117D ACD117K	MP0371C CONTROL CIRCUIT MP0371C CONTROL CIRCUIT MP0371C CONTROL CIRCUIT MP0371C CONTROL CIRCUIT	II II II II II II	ACKC ACKC ACKC 27115A* 27115B* 46920A	E-346 E-346 E-346 E-339 E-339 E-346	3 D 3 D 3 D 3 A 3 A
44152 44166		P-371D	ACBE1192G ACBE1192I	MP0371D CONTROL CIRCUIT MP0371D CONTROL CIRCUIT	II II	ACGH ACGH	E-338 E-338	3 D 3 D
44613 44621		P37-1	ACAC105B ACAC105C	MP0371A CONTROL CIRCUIT MP0371A CONTROL CIRCUIT	II II	ACGF ACGF	E-338, 349-1 E-338	3 D 3 D
53705A	SFAS	CS763D	3CY307A	120V AC CONTROL POWER	II	46091B*	E-343, 344, 355	
57416	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	II	36829A	E-338	
57516		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	II	36245A	E-338	
57610		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	II	36257A	E-338	
57713		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	II	36259A	E-338	
60906 60914	SWS	P180	ACAC201B ACAC201C	AP1800 CONTROL CIRCUIT AP1800 CONTROL CIRCUIT	II II	ACGF ACGF	E-338, 347 E-338, 347	
63402 63426		SW2927	1CBEL232B 1PBE1232A	MV2927 CONTROL CIRCUIT MV2927 POWER CIRCUIT	II II	46106A 46107A	E-413 E-413	
63941A		SW630	N/A	TPCCW HX1 OUTLET	II	N/A		
63941B		SW631	N/A	TPCCW HX2 OUTLET	II	N/A		
63941C		SW632	N/A	TPCCW HX3 OUTLET	II	N/A		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00308	AFWS	AF3872	2CBF1262B	MV3872 CONTROL CIRCUIT	J	36175C	E-338	
00309					J	36905A	E-338	
00310					J	2CGS	E-338	
00313			2CBF1262E	MV3872 CONTROL CIRCUIT	J	36613A	E-338	
00314					J	36905A	E-338	
00315					J	2CGS	E-338	
00328			2CBF1262F	MV3872 CONTROL CIRCUIT	J	36176C	E-338	
00329					J	36613B	E-338	
00330					J	2CGS	E-338	
00346			2CBF1262G	MV3872 CONTROL CIRCUIT	J	36176C	E-338	
00347					J	36905A	E-338	
00348					J	2CGS	E-338	
00357			2CBF1262H	MV3872 CONTROL CIRCUIT	J	36176C	E-338	
00358					J	36905A	E-338	
00359					J	2CGS	E-338	
00369			2PBF1262A	MV3871 POWER CIRCUIT	J	36127A	E-338	
00370					J	36127A	E-338	
00371			BF1262	MV3872 CIRCUIT BREAKER (CH. 2)	J		E-338	
00374			CDF-12B	MV3872 DISCONNECT SWITCH (CH. 2)	J		E-338	
01806		MS106A	1PBE1271A	MV106 POWER CIRCUIT	J	36239A	E-338	
18736	CCWS	CC1474	N/A	DG JKT CLG WTR HX 2 OUT VLV	J	MAN		
20781		P43-2	2CAD1130	MP0432 CONTROL CIRCUIT	J	36919B	E-338	
20782					J	2CGS	E-338	
20783					J	36170C	E-338	
20817			C3616	MP0432 ELEC CTRL & RLY BD (CH. 2)	J		E-338	
21212		P43-3	2CAD108J	MP0433 CONTROL CIRCUIT	J	36170C	E-338	
21213					J	2CGS	E-338	
21214					J	36919B	E-338	
21257			C3616	MP0433 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
24600	EDG	DA1148A/B	2CGD204A	SV1148A/B CONTROL CIRCUIT	J	36917B	E-338	
24601					J	36915A	E-338	
24602					J	2CGS	E-338	
24618			2CGD204B	SV1148A/B CONTROL CIRCUIT	J	36175C	E-338	
24619					J	36915A	E-338	
24620					J	2CGS	E-338	
24636			2CGD204C	SV1148A/B CONTROL CIRCUIT	J	36175C	E-338	
24637					J	36915A	E-338	
24638					J	2CGS	E-338	
24639			2CGD204D	SV1148A/B CONTROL CIRCUIT	J	36587A	E-338	
24640					J	36923A	E-338	
24641					J	2CGS	E-338	
24657			2CGD204E	SV1148A/B CONTROL CIRCUIT	J	36176C	E-338	
24658					J	36915A	E-338	
24659					J	2CGS	E-338	
24659A			2CGD204F	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24659B					J	2CGS	E-338	
24659C					J	36915A	E-338	
24482		DA2989	N/A	AIR START RCVR 1-2-1 DISCHARGE VALVE	J	MAN		
24487		DA2994	N/A	AIR START RCVR 1-2-2 DISCHARGE VALVE	J	MAN		
24475		DA62	N/A	AIR START RCVR 1-2-1 RELAY VALVE	J	MAN		
24476		DA63	N/A	AIR START RCVR 1-2-2 RELAY VALVE	J	MAN		
24671		E10-2	N/A	EDG 2 JACKET WATER HEAT EXCHANGER	J	MAN		
24900		K5-2	2CGD201C	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24901					J	36924A	E-338	
24902					J	2CGS	E-338	
24903			2CGD201D	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24904					J	36924A	E-338	
24905					J	2CGS	E-338	
24906			2CGD201E	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24907					J	36924A	E-338	
24908					J	2CGS	E-338	
24909			2CGD201F	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24910					J	36924A	E-338	
24911					J	2CGS	E-338	
24916			2CGD201G	EDG 1-2 CONTROL CIRCUIT	J	36170C	E-338	
24917					J	36919A	E-338	
24918					J	2CGS	E-338	
24919			2CGD201H	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24920	EDG	K5-2	2CGD201H	EDG 1-2 CONTROL CIRCUIT	J	36919A	E-338	
24921					J	2CGS	E-338	
24922			2CGD201I	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24923					J	36919A	E-338	
24924					J	2CGS	E-338	
24929			2CGD201J	EDG 1-2 CONTROL CIRCUIT	J	36170C	E-338	
24930					J	36917A	E-338	
24931					J	2CGS	E-338	
24936			2CGD201K	EDG 1-2 CONTROL CIRCUIT	J	36170C	E-338	
24937					J	36917A	E-338	
24938					J	2CGS	E-338	
24953			2CGD201L	EDG 1-2 CONTROL CIRCUIT	J	36170C	E-338	
24954					J	36917B	E-338	
24955					J	2CGS	E-338	
24971			2CGD201N	EDG 1-2 CONTROL CIRCUIT	J	36175C	E-338	
24972					J	36919B	E-338	
24973					J	2CGS	E-338	
24974			2CGD201P	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24975					J	36919A	E-338	
24976					J	2CGS	E-338	
24977			2CGD201Q	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24978					J	36919A	E-338	
24979					J	2CGS	E-338	
24980			2CGD202A	EDG 1-2 CONTROL CIRCUIT	J	36919A	E-338	
24981					J	36170C	E-338	
24982					J	2CGS	E-338	
24987			2CGD202B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24988					J	36919B	E-338	
24989					J	2CGS	E-338	
24990			2CGD202C	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24991					J	36917A	E-338	
24992					J	2CGS	E-338	
24993			2CGD202D	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24994					J	36917A	E-338	
24995					J	2CGS	E-338	
24996			2CGD202E	EDG 1-2 CONTROL CIRCUIT	J	36922A	E-338	
24997					J	36919B	E-338	
24998					J	2CGS	E-338	
24999			2CGD202F	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25000					J	36919B	E-338	
25001					J	2CGS	E-338	
25017			2CGD205A	EDG 1-2 CONTROL CIRCUIT	J	36175C	E-338	
25018					J	36923A	E-338	
25019					J	2CGS	E-338	
25020			2CGD205B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25021					J	36923A	E-338	
25022					J	2CGS	E-338	
25023			2CGD205C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25024					J	36923A	E-338	
25025					J	2CGS	E-338	
25026			2CGD205D	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25027					J	36922A	E-338	
25028					J	2CGS	E-338	
25028A			2CGD205E	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25028B			2CGD205F	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25044			2CGD206A	EDG 1-2 CONTROL CIRCUIT	J	36175C	E-338	
25045					J	36923A	E-338	
25046					J	2CGS	E-338	
25047			2CGD206B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25048					J	36923A	E-338	
25049					J	2CGS	E-338	
25050			2CGD206C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25051					J	36922A	E-338	
25052					J	2CGS	E-338	
25052A			2CGD206D	EDG 1-2 CONTROL CIRCUIT	J	36212A	E-338	
25052B					J	2CGS	E-338	
25052C					J	36921A	E-338	
25075F			2CGD208A	FIELD FLASH/SHORTING CIRCUITS	J	36176B*	E-337	
25075G					J	36176C	E-338	
25075H					J	2CGS	E-338	
25075I					J	36212A	E-338	
25075J			2CGD208B	FIELD FLASH/SHORTING CIRCUITS	J	36919B	E-338	
25075K					J	2CGS	E-338	
25075L					J	26212A	E-338	
25075M			2CGD208C	FIELD FLASH/SHORTING CIRCUITS	J	36212A	E-338	
25075N					J	2CGS	E-338	
25075P					J	36587A	E-338	
25053			2CGD210A	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25054					J	36919B	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25055	EDG	K5-2	2CGD210A	EDG 1-2 CONTROL CIRCUIT	J	2CGS	E-338	
25056			2CGD210B	EDG 1-2 CONTROL CIRCUIT	J	36587B	E-338	
25057					J	36919B	E-338	
25058					J	2CGS	E-338	
25058A			2LGD211E	EDG 1-2 CONTROL CIRCUIT	J	36990A	E-338	
25059			2PGD201A	EDG 1-2 POWER CIRCUIT	J	36101C	E-338	
25060			2PGD201B	EDG 1-2 POWER CIRCUIT	J	36103C	E-338	
25061			2PGD201R	EDG 1-2 POWER CIRCUIT	J	36228A	E-338	
25064			C3616	EDG 1-2 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
25065			C3618	EDG 1-2 EXCIT CTRL & RLY BD (CH. 2)	J		E-338	
25066			C3622	EDG 1-2 ENGINE CTRL PANEL (CH. 2)	J		E-338	
25069			EDG 1-2	EMERGENCY DIESEL GENERATOR (CH. 2)	J		E-338	
25070			GK52	EMERG DIESEL GENERATOR 1-2	J		E-338	
25299C		P148-2A	N/A	EDG JACKET WATER PUMP (RIGHT)	J	N/A		
25299D		P148-2B	N/A	EDG JACKET WATER PUMP (LEFT)	J	N/A		
25299F		P150-2	N/A	EDG 2 PREESS PUMP	J	N/A		
25215		P195-2	2CBF1230C	MP1952 CONTROL CIRCUIT	J	30187J	E-338	
25216					J	30187G	E-338	
25224			2CBF1230D	MP1952 CONTROL CIRCUIT	J	30187H	E-338	
25225					J	30187G	E-338	
25233			2CBF1230E	MP1952 CONTROL CIRCUIT	J	36834A	E-338	
25234					J	36834A	E-338	
25235					J	EV1123	E-338	
25236					J	36821A	E-338	
25237					J	2CGS	E-338	
25238					J	36176C	E-338	
25257			FLSH1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25258			FLSL1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25261			NP1952A	MP1952 LOCAL CONTROLLER (CH. 2)	J		E-338	
25271		P201-2	C3622	MP201-2 POWER CIRCUIT	J	UNSCHE		
25271A			MP201-2	EDG 1-2 M/D FUEL OIL PUMP	J	UNSCHE		
25276		P205-2	N/A	EDG 1-2 E/D FUEL OIL PUMP	J	MAN		
25299H		P264-2	N/A	EDG 2 SCAVGR PUMP	J	N/A		
25299J		P265-2	N/A	EDG 2 PISTON CLG PUMP	J	N/A		
25295J		P8-1	ACBE1257C	MP8-1 CONTROL CIRCUIT	J	ACGR	E-338	
25284		S207-01	N/A	EDG 2 AIR START MOTOR	J	MAN		
25285		S207-02	N/A	EDG 2 AIR START MOTOR	J	MAN		
25286		S207-03	N/A	EDG 2 AIR START MOTOR	J	MAN		
25287		S207-04	N/A	EDG 2 AIR START MOTOR	J	MAN		
25289		T46-2	N/A	EDG DAY TANK 1-2	J	MAN		
25293		T86-3	N/A	EDG STARTING AIR RECEIVER 1-2-1	J	MAN		
25294		T86-4	N/A	EDG STARTING AIR RECEIVER 1-2-2	J	MAN		
27334	ESSPWR	C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	J	36341A	E-338	
27335					J	36341A	E-338	
32193			2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	J	36341A	E-338	
32194					J	36341A	E-338	
27106			4PD2N09A	CONTROL POWER TO DG 1-2 PANEL C3616	J	46095A	E-338	
32509			4PY405A	ALT CONTROL POWER TO EDG1-2 IND LIGHTS	J	46095D	E-338	
32510					J	46095A	E-338	
32511					J	46095A	E-338	
32512					J	46095B*	E-337, 343	
26214		D1	2CAACD1D	AACD1 CONTROL CIRCUIT	J	36917A	E-338	
26215					J	2CGS	E-338	
26217					J	36170C	E-338	
26266			2CAD101F	AD101 CONTROL CIRCUIT	J	36917B	E-338	
26267					J	2CGS	E-338	
26268					J	36175C	E-338	
26273			2CAD101G	AD101 CONTROL CIRCUIT	J	36915A	E-338	
26274					J	2CGS	E-338	
26275					J	36175C	E-338	
26280			2CAD101H	AD101 CONTROL CIRCUIT	J	36922A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP		
26281	ESSPWR	D1	2CAD101H	AD101 CONTROL CIRCUIT	J	36917B	E-338			
26282					J	2CGS	E-338			
26331			2CGD203C	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338			
26332					J	2CGS	E-338			
26333					J	36170C	E-338			
26338					2CGD203D	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338	
26339							J	2CGS	E-338	
26340							J	36170C	E-338	
26361					2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	J	36175C	E-338	
26362							J	36921A	E-338	
26363							J	2CGS	E-338	
26380					2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	J	36175C	E-338	
26381							J	36921A	E-338	
26382							J	2CGS	E-338	
26383					2CGD203G	27/D1, 27A/D1 CONTROL CIRCUIT	J	36919B	E-338	
26384							J	2CGS	E-338	
26385							J	36176C	E-338	
26389E					2CGD203I	27/C2, 27A/C2 CONTROL CIRCUIT	J	36921B	E-338	
26389F							J	2CGS	E-338	
26389G							J	36175C	E-338	
26389M					2CGD203J	27/C2, 27A/C2 CONTROL CIRCUIT	J	36917B	E-338	
26389N							J	2CGS	E-338	
26390					2PAD101A	AD101 POWER CIRCUIT	J	36101A	E-338	
26391							J	JB3635	E-338	
26394					2PAD101B	AD101 POWER CIRCUIT	J	36103A	E-338	
26395							J	JB3635	E-338	
26400					C3616	AD101 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
26401					C3618	AD101 EXCIT CTRL & RLY BD (CH. 2)	J		E-338	
26402					C3622	AD101 ENGINE CTRL PANEL (CH. 2)	J		E-338	
27014			D2		2CAD110D	AD110 CONTROL CIRCUIT	J	36917A	E-338	
27015							J	2CGS	E-338	
27016								J	36170C	E-338
27051E					BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7	J	36171C	E-338	
27051F							J	BCGT	E-338	
27051G							J	36916A	E-338	
27037					BCAD2032C	SWGR D2 CONTROL CIRCUIT	J	36916A	E-338	
27038							J	36102C	E-338	
27039							J	BCGT	E-338	
27046					C3616	EDG2 ELECTRIC CONTROL & RELAY PANEL	J		E-338	
27052F							J		E-338	
31100	F12B				2PBF107A	BF107 POWER CIRCUIT	J	46094C	E-338	
31101							J	46094B*	E-337, 343	
31104				F12B	480VAC ESSEN MCC F12B (CH. 2)	J		E-338		
33000	YF1		2PBF1270A	BF1270 POWER CIRCUIT	J	36865A	E-338			
33001				YF1	240/120VAC MCC YF1 (CH. 2)	J		E-338		
35300	HVAC	C25-3	2CBF1255B	MC0253 CONTROL CIRCUIT	J	36925C	E-338			
35301					J	36925A	E-338			
35302						J	36900A	E-338		
35303						J	2CGS	E-338		
35304					2CBF1255C	MC0253 CONTROL CIRCUIT	J	36915A	E-338	
35305						J	36900A	E-338		
35306						J	2CGS	E-338		
35307					2CBF1255D	MC0253 CONTROL CIRCUIT	J	36909A	E-338	
35308						J	36900A	E-338		
35309						J	2CGS	E-338		
35310					2PBF1255A	MC0253 POWER CIRCUIT	J	36902A	E-338	
35311					BF1255	MC0253 CIRCUIT BREAKER (CH. 2)	J		E-338	
35312					C3622	MC0253 ENGINE CTRL PANEL (CH. 2)	J		E-338	
35313					MC0253	EDG RM 2 VENTILATION PAN 3 (CH. 2)	J		E-338	
35314					NC0253	MC0253 LOCAL CONTROLLER (CH. 2)	J		E-338	
35315					RC3606	MC0253 RELAY CABINET (CH. 2)	J		E-338	
35400			C25-4		2CBF1256B	MC0254 CONTROL CIRCUIT	J	36925B	E-338	
35401							J	36925A	E-338	
35402								J	36900A	E-338
35403								J	2CGS	E-338
35404					2CBF1256C	MC0254 CONTROL CIRCUIT	J	36915A	E-338	
35405						J	36900A	E-338		
35406						J	2CGS	E-338		
35407					2CBF1256D	MC0254 CONTROL CIRCUIT	J	36909A	E-338	
35408						J	36900A	E-338		
35409						J	2CGS	E-338		
35410					2PBF1256A	MC0254 POWER CIRCUIT	J	36901A	E-338	
35411					BF1256	MC0254 CIRCUIT BREAKER (CH. 2)	J		E-338	
35412					C3622	MC0254 ENGINE CTRL PANEL (CH. 2)	J		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
35413	HVAC	C25-4	MC0254	EDG RM 2 VENTILATION FAN 4 (CH. 2)	J		E-338	
35414			NC0254	MC0254 LOCAL CONTROLLER (CH. 2)	J		E-338	
35415			RC3606	MC0254 RELAY CABINET (CH. 2)	J		E-338	
36611		C78-2	2CBF1259B	MC0782 CONTROL CIRCUIT	J	36175C	E-338	
36612					J	36905A	E-338	
36613					J	2CGS	E-338	
36624			2CBF1259C	MC0782 CONTROL CIRCUIT	J	36175B	E-337	
36625					J	36175C	E-338	
36626					J	36905A	E-338	
36627					J	2CGS	E-338	
36631			2PBF1259A	MC0782 POWER CIRCUIT	J	36368A	E-338	
36632					J	36368A	E-338	
36633			BF1259	MC0782 CIRCUIT BREAKER (CH. 2)	J		E-338	
37609		HV5314	2CYF104B	MV5314 CONTROL CIRCUIT	J	36176C	E-338	
37610					J	36367A	E-338	
37611					J	2CGS	E-338	
37616			2PYF104A	MV5314 POWER CIRCUIT	J	36899A	E-338	
37618			YF104	MV5314 CIRCUIT BREAKER (CH. 2)	J		E-338	
38100		HV5336A	2CYF101B	MV5336A CONTROL CIRCUIT	J	36361B	E-338	
38101					J	36361A	E-338	
38102					J	36367A	E-338	
38103					J	2CGS	E-338	
38104			2CYF101C	MV5336A CONTROL CIRCUIT	J	36909A	E-338	
38105					J	36367A	E-338	
38106					J	2CGS	E-338	
38107			2LGD209A	MV5336A INSTR CIRCUIT (LTE5336 INTLK)	J	36584A	E-338	
38108			2LGD209B	MV5336A INSTR CIRCUIT (TC5336 INTLK)	J	36584D	E-338	
38109					J	36584C	E-338	
38110					J	36584E	E-338	
38111					J	36584G	E-338	
38112			2PYF101A	MV5336A POWER CIRCUIT	J	36359E	E-338	
38113					J	36359C	E-338	
38114					J	36359A	E-338	
38115			C3616	MV5336A CONTROL CABINET (CH. 2)	J		E-338	
38116			LTE5336	MV5336A TEMPERATURE ELEMENT (CH. 2)	J		E-338	
38117			MV5336A	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38118			MV5336A	MV5336A LOCAL CONTROLLER (CH. 2)	J		E-338	
38119			RC3606	MV5336A RELAY CABINET (CH. 2)	J		E-338	
38120			YF101	MV5336A CIRCUIT BREAKER (CH. 2)	J		E-338	
38200		HV5336B	2CYF102B	MV5336B CONTROL CIRCUIT	J	36361C	E-338	
38201					J	36361A	E-338	
38202					J	36367A	E-338	
38203					J	2CGS	E-338	
38204			2CYF102C	MV5336B CONTROL CIRCUIT	J	36909A	E-338	
38205					J	36367A	E-338	
38206					J	2CGS	E-338	
38207			2LGD209C	MV5336B INSTR CIRCUIT (TC5336 INTLK)	J	36584B	E-338	
38208					J	36584C	E-338	
38209					J	36584E	E-338	
38210					J	36584G	E-338	
38211			2PYF102A	MV5336B POWER CIRCUIT	J	36359D	E-338	
38212					J	36359C	E-338	
38213					J	36359A	E-338	
38214			C3616	MV5336B CONTROL CABINET (CH. 2)	J		E-338	
38215			MV5336B	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38216			MV5336B	MV5336B LOCAL CONTROLLER (CH. 2)	J		E-338	
38217			RC3606	MV5336B RELAY CABINET (CH. 2)	J		E-338	
38218			YF102	MV5336B CIRCUIT BREAKER (CH. 1)	J		E-338	
38300		HV5336C	2CYF103B	MV5336C CONTROL CIRCUIT	J	36362A	E-338	
38301					J	36367A	E-338	
38302					J	2CGS	E-338	
38303			2CYF103C	MV5336C CONTROL CIRCUIT	J	36909A	E-338	
38304					J	36367A	E-338	
38305					J	2CGS	E-338	
38306			2LGD209D	MV5336C INSTR CIRCUIT (TC5336 INTLK)	J	36584F	E-338	
38307					J	36584G	E-338	
38308			2PYF103A	MV5336C POWER CIRCUIT	J	36359B	E-338	
38309					J	36359A	E-338	
38310			C3616	MV5336C CONTROL CABINET (CH. 2)	J		E-338	
38311			MV5336C	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38312			MV5336C	MV5336C LOCAL CONTROLLER (CH. 2)	J		E-338	
38313			RC3606	MV5336C RELAY CABINET (CH. 2)	J		E-338	
38314			YF103	MV5336C CIRCUIT BREAKER (CH. 2)	J		E-338	
44700	MUPS	P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	J	36919B	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44701	MUPS	P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	J	2CGS	E-338	
44702					J	36176C	E-338	
44812			C3616	MP0372A ELECT CTRL & RLY BD (CH. 2)	J		E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01410A	AFWS	MS106	1CD135B	MS106 CONTROL CIRCUIT	K	36098B	E-337, 338	
01411					K	36098A	E-338	
01412					K	36041C	E-338	
01413					K	1CGP	E-338	
01414					K	JB3637	E-338	
01712A		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	K	36096B	E-337, 338	
01713					K	36096A	E-338	
01714					K	36953A	E-338	
01715					K	1CGP	E-338	
01718			1CBE1271F	MV106A CONTROL CIRCUIT	K	36612A	E-338	
01719					K	36953A	E-338	
01720					K	1CGP	E-338	
01721			1CBE1271G	MS106A CONTROL CIRCUIT	K	36612B	E-338	
01722					K	1CGP	E-338	
01723					K	36096A	E-338	
01724					K	36096B	E-337, 329	
01751A			1CBE1271H	MV106A CONTROL CIRCUIT	K	36096B	E-337, 338	
01752					K	36096A	E-338	
01753					K	36953A	E-338	
01754					K	1CGP	E-338	
01768A			1CBE1271J	MV106A CONTROL CIRCUIT	K	36096B	E-337, 338	
01769					K	36096A	E-338	
01770					K	36953A	E-338	
01771					K	1CGP	E-338	
01797A			1CBE1271L	MV106A CONTROL CIRCUIT	K	36096B	E-337, 338	
01798					K	36096A	E-338	
01799					K	36953B	E-338	
01800					K	1CGP	E-338	
01807			1PBE1271A	MV106 POWER CIRCUIT	K	36239A	E-338	
01808			BE1271	MV106A CIRCUIT BREAKER (CH. 1)	K		E-338	
01811			CDE-12B	MV106A DISCONNECT SWITCH (CH. 1)	K		E-338	
18636	CCWS	CC1471	N/A	DG JKT CLG WTR HX 1 OUT VLV	K	MAN		
20590		P43-1	1CAC1130	MP0431 CONTROL CIRCUIT	K	36964A	E-338	
20591					K	36040C	E-338	
20592					K	1CGP	E-338	
20593					K	JB3637	E-338	
20630			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
21021		P43-3	1CAC108J	MP0433 CONTROL CIRCUIT	K	36964A	E-338	
21022					K	36040C	E-338	
21023					K	1CGP	E-338	
21023A					K	JB3637	E-338	
21256			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
24500	EDG	DA1147A/B	1CGD104A	SV1147A/B CONTROL CIRCUIT	K	36962B	E-338	
24501					K	36960A	E-338	
24502					K	1CGP	E-338	
24519			1CGD104B	SV 1147A/B CONTROL CIRCUIT	K	36075C	E-338	
24520					K	36960A	E-338	
24521					K	1CGP	E-338	
24538			1CGD104C	SV 1147A/B CONTROL CIRCUIT	K	36075C	E-338	
24539					K	1CGP	E-338	
24540					K	36960A	E-338	
24541			1CGD104D	SV1147A/B CONTROL CIRCUIT	K	36960A	E-338	
24542					K	36967A	E-338	
24543					K	1CGP	E-338	
24559			1CGD104E	SV1147A/B CONTROL CIRCUIT	K	36041B	E-338	
24560					K	JB3637	E-338	
24561					K	36041C	E-338	
24562					K	36581A	E-338	
24563					K	1CGP	E-338	
24563A			1CGD104F	EDG 1-1 CONTROL CIRCUIT	K	36966B	E-338	
24563B					K	1CGP	E-338	
24563C					K	36960	E-338	
24480		DA2987	N/A	AIR START RCVR 1-1-1 DISCHARGE VALVE	K	MAN		
24481		DA2988	N/A	AIR START RCVR 1-1-2 DISCHARGE VALVE	K	MAN		
24470A		DA60	N/A	AIR START RCVR 1-1-1 RELAY VALVE	K	MAN		
24471		DA61	N/A	AIR START RCVR 1-1-2 RELAY VALVE	K	MAN		
24670		E10-1	N/A	EDG 1 JACKET WATER HEAT EXCHANGER	K	MAN		
24700		K5-1	1CGD101C	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
24701	EDG	K5-1	1CGD101C	EDG 1-1 CONTROL CIRCUIT	K	36969A	E-338	
24702					K	1CGP	E-338	
24703			1CGD101D	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24704					K	36969A	E-338	
24705					K	1CGP	E-338	
24706			1CGD101E	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24707					K	36969A	E-338	
24708					K	1CGP	E-338	
24709			1CGD101F	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24710					K	36969A	E-338	
24711					K	1CGP	E-338	
24717			1CGD101G	EDG 1-1 CONTROL CIRCUIT	K	JB3637	E-338	
24718					K	36040C	E-338	
24719					K	36964B	E-338	
24720					K	1CGP	E-338	
24721			1CGD101H	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24722					K	36964A	E-338	
24723					K	1CGP	E-338	
24724			1CGD101I	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24725					K	36964A	E-338	
24726					K	1CGP	E-338	
24732			1CGD101J	EDG 1-1 CONTROL CIRCUIT	K	JB3637	E-338	
24733					K	36040C	E-338	
24734					K	36962A	E-338	
24735					K	1CGP	E-338	
24741			1CGD101K	EDG 1-1 CONTROL CIRCUIT	K	JB3637	E-338	
24742					K	36040C	E-338	
24743					K	36962A	E-338	
24744					K	1CGP	E-338	
24760			1CGD101L	EDG 1-1 CONTROL CIRCUIT	K	36075C	E-338	
24761					K	36962B	E-338	
24762					K	1CGP	E-338	
24778			1CGD101N	EDG 1-1 CONTROL CIRCUIT	K	36075C	E-338	
24779					K	36962B	E-338	
24780					K	1CGP	E-338	
24781			1CGD101P	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24782					K	36964A	E-338	
24783					K	1CGP	E-338	
24784			1CGD101Q	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24785					K	36964A	E-338	
24786					K	1CGP	E-338	
24787			1CGD102A	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24788					K	36040C	E-338	
24789					K	JB3637	E-338	
24790					K	36040B	E-338	
24796			1CGD102B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24797					K	36964B	E-338	
24798					K	1CGP	E-338	
24799			1CGD102C	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24800					K	36962A	E-338	
24801					K	1CGP	E-338	
24802			1CGD102D	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24803					K	36962A	E-338	
24804					K	1CGP	E-338	
24805			1CGD102E	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24806					K	36962A	E-338	
24807					K	1CGP	E-338	
24808			1CGD102F	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24809					K	36964B	E-338	
24810					K	1CGP	E-338	
25852			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT	K	JB3637	E-338	
25853					K	36040C	E-338	
25854					K	36966A	E-338	
25855					K	1CGP	E-338	
25856			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25857					K	36040C	E-338	
25858					K	1CGP	E-338	
25859					K	JB3637	E-338	
25881			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	K	36075C	E-338	
25882					K	36966A	E-338	
25883					K	1CGP	E-338	
25900			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	K	36075C	E-338	
25901					K	36966A	E-338	
25902					K	1CGP	E-338	
25903			1CGD103G	27/C1, 27A/C1 CONTROL CIRCUIT	K	36964B	E-338	
25904					K	36040C	E-338	
25905					K	1CGP	E-338	
25906					K	JB3637	E-338	
25907					K	36040B	E-337	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25912F	EDG	K5-1	1CGD103I	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912G					K	1CGP	E-338	
25912H					K	36075C	E-338	
25912N			1CGD103J	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912O					K	1CGP	E-338	
25912P					K	36213A	E-338	
24827			1CGD105A	EDG 1-1 CONTROL CIRCUIT	K	36075C	E-338	
24828					K	36968A	E-338	
24829					K	1CGP	E-338	
24830			1CGD105B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24831					K	36968A	E-338	
24832					K	1CGP	E-338	
24833			1CGD105C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24834					K	36968A	E-338	
24835					K	1CGP	E-338	
24836			1CGD105D	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24837					K	36967A	E-338	
24838					K	1CGP	E-338	
24838A			1CGD105E	DG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24838B					K	1CGP	E-338	A
24838C					K	36966A	E-338	A
24838D			1CGD105F	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24838E			1CGD105G	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24855			1CGD106A	EDG 1-1 CONTROL CIRCUIT	K	36075C	E-338	
24856					K	36968A	E-338	
24857					K	1CGP	E-338	
24858			1CGD106B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24859					K	36968A	E-338	
24860					K	1CGP	E-338	
24861			1CGD106C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24862					K	36968A	E-338	
24863					K	1CGP	E-338	
24863A			1CGD106D	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24863B					K	1CGP	E-338	
24863C					K	36213B	E-338	
24863D			1CGD106E	EDG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24863E					K	1CGP	E-338	A
24863F					K	36966A	E-338	A
24881G			1CGD108A	FIELD FLASH/SHORTING CIRCUITS	K	36041B*	E-337	
24881H					K	JB3637	E-338	
24881I					K	36041C	E-338	
24881J					K	1CGP	E-338	
24881K					K	36213A	E-338	
24881L			1CGD108B	FIELD FLASH/SHORTING CIRCUITS	K	36964B	E-338	
24881M					K	1CGP	E-338	
24881N					K	36213A	E-338	
24881P			1CGD108C	FIELD FLASH/SHORTING CIRCUITS	K	36213A	E-338	
24881Q					K	1CGP	E-338	
24881R					K	36581A	E-338	
24864			1CGD110A	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24865					K	36964B	E-338	
24866					K	1CGP	E-338	
24867			1CGD110B	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24868					K	36964B	E-338	
24868A			1LGD111E	EDG 1-1 CONTROL CIRCUIT	K	36988A	E-338	
24869			1PGD101A	EDG 1-1 POWER CIRCUIT	K	36003C	E-338	
24870			1PGD101B	EDG 1-1 POWER CIRCUIT	K	36001C	E-338	
24871			1PGD101R	EDG 1-1 POWER CIRCUIT	K	36229A	E-338	
24874			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
24875			C3617	EDG 1-1 EXCIT CTRL & RLY BD (CH. 1)	K		E-338	
24876			C3621	EDG 1-1 ENGINE CTRL PANEL (CH. 1)	K		E-338	
24879			EDG 1-1	EMERGENCY DIESEL GENERATOR (CH. 1)	K		E-338	
24880			GK51	EMERG DIESEL GENERATOR 1-1	K		E-338	
25299A		P148-1A	N/A	EDG JACKET WATER PUMP (RIGHT)	K	N/A		
25299B		P148-1B	N/A	EDG JACKET WATER PUMP (LEFT)	K	N/A		
25299E		P150-1	N/A	EDG 1 PREEES PUMP	K	N/A		
25110		P195-1	1CBEL298B	MP1951 CONTROL CIRCUIT	K	30184E	E-338	
25111					K	30184J	E-338	
25112			1CBEL298C	MP1951 CONTROL CIRCUIT	K	30184H	E-338	
25113					K	30184F	E-338	
25114					K	30184F	E-338	
25115					K	30184J	E-338	
25116			1CBEL298D	MP1951 CONTROL CIRCUIT	K	30184G	E-338	
25117					K	30184F	E-338	
25118					K	30184F	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25119	EDG	P195-1	1CBEL298D	MP1951 CONTROL CIRCUIT	K	30184J	E-338	
25120			1CBEL298E	MP1951 CONTROL CIRCUIT	K	36835A	E-338	
25121					K	36835A	E-338	
25122					K	EV1115	E-338	
25123					K	36831A	E-338	
25124					K	36041C	E-338	
25125					K	1CGP	E-338	
25126					K	JB3637	E-338	
25127					K	36248A	E-338	
25138			1PBEL298A	MP1951 POWER CIRCUIT	K	30185E	E-338	
25139			BE1298	MP1951 CIRCUIT BREAKER (CH. 1)	K		E-338	
25140			FLSH1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25141			FLSL1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25144			NP1951A	MP1951 LOCAL CONTROLLER (CH. 1)	K		E-338	
25270		P201-1	C3621	MP201-1 POWER CIRCUIT	K	UNSCHE		
25270A			MP201-1	EDG 1-1 M/D FUEL OIL PUMP	K	UNSCHE		
25275		P205-1	N/A	EDG 1-1 E/D FUEL OIL PUMP	K	MAN		
25299G		P264-1	N/A	EDG 1 SCAVGR PUMP	K	N/A		
25299I		P265-1	N/A	EDG 1 PISTON CLG PUMP	K	N/A		
25295		P8-1	ACBEL257B	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295A					K	ACGR	E-338	
25295B					K	36068A	E-338	
25295I			ACBEL257C	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295K					K	36965A	E-338	
25295L			ACBEL257D	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295M					K	ACGR	E-338	
25295N					K	36086A	E-338	
25296D			ACBEL257I	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296E					K	ACGR	E-338	
25296F					K	36043C	E-338	
25296Y			ACBEL257L	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296Z					K	ACGR	E-338	
25297					K	36043C	E-338	
25298I			ACBEL257N	MP8-1 CONTROL CIRCUIT	K	36262B	E-338	
25278B			APBEL257A	DO XFER PUMP 1	K	36069A	E-338	
25298R			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
25280		S206-01	N/A	EDG 1 AIR START MOTOR	K	MAN		
25281		S206-02	N/A	EDG 1 AIR START MOTOR	K	MAN		
25282		S206-03	N/A	EDG 1 AIR START MOTOR	K	MAN		
25283		S206-04	N/A	EDG 1 AIR START MOTOR	K	MAN		
25288		T46-1	N/A	EDG DAY TANK 1-1	K	MAN		
25290		T86-1	N/A	EDG STARTING AIR RECEIVER 1-1-1	K	MAN		
25291		T86-2	N/A	EDG STARTING AIR RECEIVER 1-1-2	K	MAN		
25715	ESSPWR	C1	1CABDC1D	ABDC1 CONTROL CIRCUIT	K	36962A	E-338	
25716					K	36040C	E-338	
25717					K	1CGP	E-338	
25718					K	JB3637	E-338	
25773			1CAC101F	AC101 CONTROL CIRCUIT	K	36962A	E-338	
25774					K	36040C	E-338	
25775					K	1CGP	E-338	
25776					K	JB3637	E-338	
25783			1CAC101G	AC101 CONTROL CIRCUIT	K	36960A	E-338	
25784					K	36075C	E-338	
25785					K	1CGP	E-338	
25792			1CAC101H	AC101 CONTROL CIRCUIT	K	36967A	E-338	
25793					K	36962A	E-338	
25794					K	1CGP	E-338	
25913			1PAC101A	AC101 POWER CIRCUIT	K	36001A	E-338	
25914					K	JB3636	E-338	
25915					K	36001B	E-338	
25918			1PAC101B	AC101 POWER CIRCUIT	K	36003A	E-338	
25919					K	JB3636	E-338	
25920					K	36003B	E-338	
25926			C3615	AC101 ELECT CTRL & RLY BD (CH. 1)	K		E-338	
25927			C3617	AC101 EXCIT CTRL & RLY BD (CH. 1)	K		E-338	
25928			C3621	AC101 ENGINE CTRL PANEL (CH. 1)	K		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26016	ESSPWR	C2	1CAC110D	AC110 CONTROL CIRCUIT	K	36962B	E-338	
26017					K	36040C	E-338	
26018					K	1CGP	E-338	
26019					K	JB3637	E-338	
25965			ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	K	36043C	E-338	
25966					K	ACGR	E-338	
25967					K	36961A	E-338	
26042			ACAC2032C	SWGR C2 CONTROL CIRCUIT	K	ACGR	E-338	
26043					K	36043C	E-338	
26052			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
26512A		C3615	1PD1P09A	CONTROL POWER TO DGLV PANEL C3615	K	36076C	E-338	
31903			1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	K	36076C	E-338	
26505			3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	K	36002D	E-338	
26506					K	36002C	E-338	
32407			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	K	36002E	E-338	
32408					K	36002C	E-338	
29403		E12B	1PBE109B	BE109 POWER CIRCUIT	K	36071C	E-338	
29405			E12B	480VAC ESSEN MCC E12B (CH. 1)	K		E-338	
29700		E12F	1PBE1273A	BE1273 POWER CIRCUIT	K	36243A	E-338	
29701			BE1273	MCC E12F FEEDER CIRCUIT BREAKER (CH. 1)	K		E-338	
29702			E12F	480VAC ESSEN MCC E12F (CH. 1)	K		E-338	
32800		YE1	1PBE1259A	BE1259 POWER CIRCUIT	K	36926A	E-338	
32801			YE1	240/120VAC MCC YE1 (CH. 1)	K		E-338	
35100	HVAC	C25-1	1CBE1255B	MC0251 CONTROL CIRCUIT	K	36970C	E-338	
35101					K	36970A	E-338	
35102					K	36958A	E-338	
35103					K	1CGP	E-338	
35104			1CBE1255C	MC0251 CONTROL CIRCUIT	K	36960A	E-338	
35105					K	36958A	E-338	
35106					K	1CGP	E-338	
35107			1CBE1255D	MC0251 CONTROL CIRCUIT	K	36975A	E-338	
35108					K	36958A	E-338	
35109					K	1CGP	E-338	
35110			1PBE1255A	MC0251 POWER CIRCUIT	K	36956A	E-338	
35111			BE1255	MC0251 CIRCUIT BREAKER (CH. 1)	K		E-338	
35112			C3621	MC0251 ENGINE CTRL PANEL (CH. 1)	K		E-338	
35113			MC0251	EDG RM 1 VENTILATION FAN 1 (CH. 1)	K		E-338	
35114			MC0251	MC0251 LOCAL CONTROLLER (CH. 1)	K		E-338	
35115			RC3605	MC0251 RELAY CABINET (CH. 1)	K		E-338	
35200		C25-2	1CBE1256B	MC0252 CONTROL CIRCUIT	K	36970B	E-338	
35201					K	36970A	E-338	
35202					K	36958A	E-338	
35203					K	1CGP	E-338	
35204			1CBE1256C	MC0252 CONTROL CIRCUIT	K	36960A	E-338	
35205					K	36958A	E-338	
35206					K	1CGP	E-338	
35207			1CBE1256D	MC0252 CONTROL CIRCUIT	K	36975A	E-338	
35208					K	36958A	E-338	
35209					K	1CGP	E-338	
35210			1PBE1256A	MC0252 POWER CIRCUIT	K	36957A	E-338	
35211			BE1256	MC0252 CIRCUIT BREAKER (CH. 1)	K		E-338	
35212			C3621	MC0252 ENGINE CTRL PNL (CH. 1)	K		E-338	
35213			MC0252	EDG RM 1 VENTILATION FAN 2 (CH. 1)	K		E-338	
35214			MC0252	MC0252 LOCAL CONTROLLER (CH. 1)	K		E-338	
35215			RC3605	MC0252 RELAY CABINET (CH. 1)	K		E-338	
36511		C78-1	1CBE1285B	MC0781 CONTROL CIRCUIT	K	36040B	E-338	
36512					K	JB3637	E-338	
36513					K	36040C	E-338	
36514					K	36953A	E-338	
36515					K	1CGP	E-338	
36524			1CBE1285C	MC0781 CONTROL CIRCUIT	K	36040B	E-338	
36525					K	JB3637	E-338	
36526					K	36040C	E-338	
36527					K	36953A	E-338	
36528					K	1CGP	E-338	
36535			1PBE1285A	MC0781 POWER CIRCUIT	K	36042B	E-338	
36536					K	36042C	E-338	
36537			BE1285	MC0781 CIRCUIT BREAKER (CH. 1)	K		E-338	
37307	HV5305		1CYE104B	MV5305 CONTROL CIRCUIT	K	36075C	E-338	
37308					K	36366A	E-338	
37309					K	1CGP	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37314	HVAC	HV5305	1PYE104A	MV5305 POWER CIRCUIT	K	36898A	E-338	
37316			YE104	MV5305 CIRCUIT BREAKER (CH. 1)	K		E-338	
37615		HV5314	2PYF104A	MV5314 POWER CIRCUIT	K	36899A	E-338	
37800		HV5329A	1CYE101B	MV5329A CONTROL CIRCUIT	K	36360C	E-338	
37801					K	36360A	E-338	
37802					K	36366A	E-338	
37803					K	1CGP	E-338	
37804			1CYE101C	MV5329A CONTROL CIRCUIT	K	36975A	E-338	
37805					K	36366A	E-338	
37806					K	1CGP	E-338	
37807			1LGD109A	MV5329A INSTR CIRCUIT (LTE5329 INTLK)	K	36583A	E-338	
37808					K	36583E	E-338	
37809					K	36583G	E-338	
37810			1LGD109B	MV5329A INSTR CIRCUIT (TC5329 INTLK)	K	36583C	E-338	
37811					K	36583D	E-338	
37812					K	36583G	E-338	
37813			1PYE101A	MV5329A POWER CIRCUIT	K	36358E	E-338	
37814					K	36358C	E-338	
37815					K	36358A	E-338	
37816			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37817			LTE5329	MV5329A TEMPERATURE ELEMENT (CH. 1)	K		E-338	
37818			MV5329A	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37819			MV5329A	MV5329A LOCAL CONTROLLER (CH. 1)	K		E-338	
37820			RC3605	MV5329A RELAY CABINET (CH. 1)	K		E-338	
37821			YE101	MV5329A CIRCUIT BREAKER (CH. 1)	K		E-338	
37900		HV5329B	1CYE102B	MV5329B CONTROL CIRCUIT	K	36360B	E-338	
37901					K	36360A	E-338	
37902					K	36366A	E-338	
37903					K	1CGP	E-338	
37904			1CYE102C	MV5329B CONTROL CIRCUIT	K	36975A	E-338	
37905					K	36366A	E-338	
37906					K	1CGP	E-338	
37907			1LGD109C	MV5329B INSTR CIRCUIT (TC5329 INTLK)	K	36583B	E-338	
37908					K	36583D	E-338	
37909					K	36583G	E-338	
37910			1PYE102A	MV5329B POWER CIRCUIT	K	36358D	E-338	
37911					K	36358C	E-338	
37912					K	36358A	E-338	
37913			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37914			MV5329B	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37915			MV5329B	MV5329B LOCAL CONTROLLER (CH. 1)	K		E-338	
37916			RC3605	MV5329B RELAY CABINET (CH. 1)	K		E-338	
37917			YE102	MV5329B CIRCUIT BREAKER (CH. 1)	K		E-338	
38000		HV5329C	1CYE103B	MV5329C CONTROL CIRCUIT	K	36365A	E-338	
38001					K	36366A	E-338	
38002					K	1CGP	E-338	
38003			1CYE103C	MV5329C CONTROL CIRCUIT	K	36975A	E-338	
38004					K	36366A	E-338	
38005					K	1CGP	E-338	
38006			1LGD109D	MV5329C INSTR CIRCUIT (TC5329 INTLK)	K	36583F	E-338	
38007					K	36583E	E-338	
38008					K	36583G	E-338	
38009			1PYE103A	MV5329C POWER CIRCUIT	K	36358B	E-338	
38010					K	36358A	E-338	
38011			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
38012			MV5329C	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
38013			MV5329C	MV5329C LOCAL CONTROLLER (CH. 1)	K		E-338	
38014			RC3605	MV5329C RELAY CABINET (CH. 1)	K		E-338	
38015			YE103	MV5329C CIRCUIT BREAKER (CH. 1)	K		E-338	
39012		HV5597	1CBE1208I	MV5597 CONTROL CIRCUIT	K	36248A	E-338	
39013					K	JB3637	E-338	
39014					K	36041B	E-338	
39026			1PBE1208H	MV5597 POWER CIRCUIT	K	30185E	E-338	
44600	MUPS	P37-1	1CAC105J	MP0371A CONTROL CIRCUIT	K	36964B	E-338	
44601					K	36075C	E-338	
44602					K	1CGP	E-338	
44678			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
29503	ESSPWR	E12C	1PBE1202A	BE1202 POWER CIRCUIT	MA	1PAM	E-304	
31203		F12C	2PBF1202A	BF1202 POWER CIRCUIT	MA	2PAM	E-304	
60921	SWS	P180	APAC201A	AP1800 CONTROL CIRCUIT	MA	Exposed	E-304, 309	
61038		P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
61068			1PAC107A	MP0031 POWER CIRCUIT	MA	1PAM	E-304, 309	
61133		P3-2	2CAD107E	MP0032 CONTROL CIRCUIT	MA	2CAM	E-304, 309	
61159			2PAD107A	MP0032 POWER CIRCUIT	MA	Exposed	E-304, 309	
61259		P3-3	1CAC109F	MP0033 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
61363			2CAD109F	MP0033 CONTROL CIRCUIT	MA	2CAM	E-304, 309	
61379			3PACD06A	MP0033 POWER CIRCUIT	MA	3PAM	E-304, 309	
62822		SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	MA	2CAM	E-307, 309	
62838			2CBF1277G	MV1395 CONTROL CIRCUIT	MA	2CAM	E-304, 309	
62924		SW1399	1CBE1277E	MV1399 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
62941			1CBE1277G	MV1399 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
63626		SW2929	1CBE1281F	MV2929 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
63726		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	MA	2CAM	E-304, 309	
63826		SW2931	1CBE1282F	MV2931 CONTROL CIRCUIT	MA	1CAM	E-304, 309	
63926		SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	MA	2CAM	E-304, 309	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01408	AFWS	MS106	1CD135B	MS106 CONTROL CIRCUIT	MB	Exposed	E-329	
01710		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	MB	Exposed	E-329	
01726			1CBE1271G	MS106A CONTROL CIRCUIT	MB	Exposed	E-329	
01749			1CBE1271H	MV106A CONTROL CIRCUIT	MB	Exposed	E-329	
01766			1CBE1271J	MV106A CONTROL CIRCUIT	MB	Exposed	E-329	
01795			1CBE1271L	MV106A CONTROL CIRCUIT	MB	Exposed	E-329	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01406	AFWS	MS106	1CD135B	MS106 CONTROL CIRCUIT	MC	Exposed	E-310	
01708		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	MC	Exposed	E-329	
01728			1CBE1271G	MS106A CONTROL CIRCUIT	MC	Exposed	E-329	
01747			1CBE1271H	MV106A CONTROL CIRCUIT	MC	Exposed	E-329	
01764			1CBE1271J	MV106A CONTROL CIRCUIT	MC	Exposed	E-329	
01793			1CBE1271L	MV106A CONTROL CIRCUIT	MC	Exposed	E-329	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25105	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	ME	Exposed	E-437-2	
25133			1PBE1298A	MP1951 POWER CIRCUIT	ME	Exposed	E-437-2	
25205		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	ME	Exposed	E-437-2	
25251			2PBF1230A	MP1952 POWER CIRCUIT	ME	Exposed	E-437-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25103	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	MF	Exposed	E-437-2	
25131			1PBE1298A	MP1951 POWER CIRCUIT	MF	Exposed	E-437-2	
25203		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	MF	Exposed	E-437-2	
25249			2PBF1230A	MP1952 POWER CIRCUIT	MF	Exposed	E-437-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60918	SWS	F180	APAC201A	AP1800 CONTROL CIRCUIT	MG	JB30D4	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24470	DHRS	T-10	N/A	BORATED WATER STORAGE TANK	OS	MAN		
25298J	EDG	P8-1	ACBE1257P	MP8-1 CONTROL CIRCUIT	OS	30341W		
25298K			SV4500	SOLENOID VALVE FOR DO4500	OS	30341V		
252980								
35650B	ESSPWR	BUS B	BXBXD01A	POWER CABLE FROM XBD (TYP FOR 3 PH)	OS	36165B	E-328	A
35650C						OS	36165C	E-328
27050B		D2	CABLEBUS	BACKFEED C1 CABLE TO ABDD2 (C1)	OS	CABL BUS	E-410	
31705C		XAC01	CABLEBUS	BACKFEED D1 POWER CABLE FROM AACD1	OS	CABL BUS	E-410	
31705E			XAC01	XFMR XAC		OS		E-410

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00805	AFWS	AF6452	1CLC6452C	AF6452 CONTROL CIRCUIT	P	36982D	E-338	
02408		P241	BCAD210D	MP2410 CONTROL CIRCUIT	P	BCGK	E-338	
02419			BCAD210E	MP2410 CONTROL CIRCUIT	P	BCGK	E-338	
02504		P242-1	BCBF7114B	MP2421 CONTROL CIRCUIT	P	BCGN	E-338	
17434B	CACS	C1-1	1PBEL401A	MC0011 POWER CIRCUIT	P	46098A*	E-343	
17438B			1PBEL401B	MC0011 POWER CIRCUIT	P	46097A*	E-343	
17675B		C1-3	3PBEF15A	MC0013 POWER CIRCUIT	P	46071A*	E-343, 344	
17680F			3PBEF15B	MC0013 POWER CIRCUIT	P	46069A*	E-343	
25109	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	P	30184E	E-338	
25137			1PBEL298A	MP1951 POWER CIRCUIT	P	30185E	E-338	
25298E		P8-1	ACBE1257N	MP8-1 CONTROL CIRCUIT	P	ACGH	E-338	
25298F					P	36262A	E-338	
25298G					P	JB3633	E-338	
25298H					P	36262B	E-338	
35651K	ESSPWR	BUS B	BCHBDDA	BKR HBBD CONT PWR (C1 BACKFEED)	P	BCGM	E-338	A
26405B		D1	4PD2N05A	CONTROL POWER TO SWGR BUS D1 (AD113)	P	46829A	E-338	
27050Q		D2	BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7	P	BCGK	E-338, 351-2	
27051X			BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	P	BCGL	E-338	
27030			BCAD2032A	SWGR D2 CONTROL CIRCUIT	P	BCGL	E-338	
27803		DBC1PN	1PBEL190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	P	36078A	E-338	
28103		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	P	36206A	E-338	
29604B		E12E	1PBE1234A	BE1234 POWER CIRCUIT	P	46087A*	E-343	
31605		F7	BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	P	BCGK	E-338	
31617			BCAD2DF7E	AD2DF7 CONTROL CIRCUIT	P	BCGN	E-338	
31618					P	BCVL	E-338	
31624			BCAD2DF7F	AD2DF7 CONTROL CIRCUIT	P	BCGK	E-338	
31644			BCBDF7A	BDF7 CONTROL CIRCUIT	P	BCGN	E-338	
27347L		RC3602	2CD2P21B	CONTROL POWER TO RC3602	P	36810A	E-338	
27290		RC3608	2CD2P21B	CONTROL POWER TO RC3602	P	36810A	E-338	
27142		RC3702	2CD2P21B	CONTROL POWER TO RC3602	P	36810A	E-338	
31917		RC3715	ACDAP28A	CONTROL POWER (WC1453)	P	ACGH	E-338	
26976		RC3716	BCYBU43A		P	BCGL	E-338	
26977					P	36852A	E-338	
26978					P	BCGM	E-338	
37313	HVAC	HV5305	1PYE104A	MV5305 POWER CIRCUIT	P	36898A	E-338	
37614		HV5314	2PYF104A	MV5314 POWER CIRCUIT	P	36899A	E-338	
39027		HV5597	1PBEL208H	MV5597 POWER CIRCUIT	P	30185E	E-338	
41633	MUPS	MU19	BCY36218A	MU19 CONTROL CIRCUIT	P	BCVL	E-338	
41634					P	BCGN	E-338	
41822		MU32	BCY36217A	MU32 CONTROL CIRCUIT	P	BCGN	E-338	
41823					P	BCVL	E-338	
44151		P-371D	ACBE1192G	MP0371D CONTROL CIRCUIT	P	ACGH	E-338	3 D
44167			ACBE1192I	MP0371D CONTROL CIRCUIT	P	ACGH	E-338	3 D
44156H			ACBE1192L	MP0371D CONTROL CIRCUIT	P	36312A	E-338	3 A
44156I					P	JB3623	E-338	3 A
44156J					P	36312B	E-338	3 A
44171F			ACBE1192M	MP0371D CONTROL CIRCUIT	P	36312A	E-338	3 A
44171G					P	JB3623	E-338	3 A
44171H					P	36312B	E-338	3 A
44381		P-372C	BCD217G	MP0372C CONTROL CIRCUIT	P	BCGN	E-338	
44495		P-372D	BCBF1168I	MP372D CONTROL CIRCUIT	P	BCGN	E-338	
44615F		P37-1	ACAC105L	MP0371A CONTROL CIRCUIT	P	36312A	E-338	3 A

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44615G	MUPS	P37-1	ACAC105L	MP0371A CONTROL CIRCUIT	P	JB3623	E-338	3 A
44615H					P	36312B	E-338	3 A
44623F			ACAC105M	MP0371A CONTROL CIRCUIT	P	36312A	E-338	3 A
44623G					P	JB3623	E-338	3 A
44623H					P	36312B	E-338	3 A
44664F			ACAC105N	MP0371A CONTROL CIRCUIT	P	36312A	E-338	3 A
44664G					P	JB3623	E-338	3 A
44664H					P	36312B	E-338	3 A
44717		P37-2	BCAD105B	MP0372A CONTROL CIRCUIT	P	BCGN	E-338	
44730			BCAD105C	MP0372A CONTROL CIRCUIT	P	BCGN	E-338	
44771			BCAD105G	MP0372A CONTROL CIRCUIT	P	BCGN	E-338	
44791			BCAD105H	MP0372A CONTROL CIRCUIT	P	BCGN	E-338	
45810	NNI	FYI-HP03A	2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	P	36270A	E-338	
46011		FYI-HP03B	2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	P	36270A	E-338	
46209		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	P	36273A	E-338	
46216			1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	P	37031A	E-338	
46310		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	P	36273A	E-338	
46402		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	P	36273A	E-338	
46415			1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	P	37031A	E-338	
46504		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	P	36273A	E-338	
46606		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	P	36582B	E-338	
46703		LI-RC14-2	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	P	36591A	E-338	
46816		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	P	36582B	E-338	
46808			1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	P	36582A	E-338	
46912		LI-RC14-4	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	P	36591A	E-338	
46907			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	P	36591A	E-338	
47012		LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	P	36591A	E-338	
47007			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	P	36591A	E-338	
47103		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	P	36591A	E-338	
47417		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	P	36582B	E-338	
47409			1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	P	36582A	E-338	
47506		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	P	36582B	E-338	
48304		PI-6365B	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	P	36582A	E-338, 349	
48321			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	P	36582A	E-338, 349	
48404		PI-6365B1	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	P	36582A	E-338, 349	
48912		PI-SP12A	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	P	36591A	E-338	
48907			2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	P	36591A	E-338	
49003		PI-SP12A1	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	P	36591A	E-338	
49218		PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	P	36582B	E-338	
49210			1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	P	36582A	E-338	
49306		PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	P	36582B	E-338	
49612		TI-RC3A4	2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	P	36591A	E-338	
49914		TI-RC3B2	1LRPSB07B	TE, TT, TI-RC3B2 INDICATING CIRCUIT	P	36582A	E-338	
51103	RCS	RC4608A	1CV4608AC	SV4608A CONTROL CIRCUIT	P	JB3623	E-338	
57417	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	P	36829A	E-338	
57517		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	P	36245A	E-338	
57611		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	P	36257A	E-338	
57714		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	P	36259A	E-338	
60716		RCPM4	2CRCPM41B	RCP MONITOR	P	36543A	E-338	
61679F	SWS	SW1358	2CV1358BH	SV1358 CONTROL CIRCUIT	P	46072A*	E-343, 344	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61699F	SWS	SW1358	2CV1358BJ	SV1358 CONTROL CIRCUIT	P	46072A*	E-343, 344	
61929		SW1367	2PBF1223A	MV1367 POWER CIRCUIT	P	46147A	E-338	
62043F		SW1368	2CBF1224B	MV1368 CONTROL CIRCUIT	P	46072A*	E-343, 344	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00151	AFWS	AF3870	1PD107A	MV3870 POWER CIRCUIT	Q	46006D	E-338	
00152					Q	46006A	E-338	
00203		AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	Q	JB3620	E-418, 338	
00204					Q	36179A	E-418	
00205					Q	2CGE	E-338	
00206					Q	36748A	E-338	
00236			2CBF1201H	MV3871 CONTROL CIRCUIT	Q	JB3620	E-418, 338	
00237					Q	36179A	E-418	
00238					Q	2CGE	E-338	
00239					Q	36748A	E-338	
00251			2PBF1201A	MV3871 POWER CIRCUIT	Q	46005A	E-338	
00252					Q	JB3620	E-338, 418	
00253					Q	46177A	E-338, 418	
00303		AF3872	2CBF1262B	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338	
00304					Q	36179A	E-338	
00305					Q	2CGE	E-338	
00306					Q	36175A	E-338	
00324			2CBF1262F	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338	
00325					Q	36176A	E-338	
00326					Q	2CGE	E-338	
00341			2CBF1262G	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338, 418	
00342					Q	36182A	E-338	
00343					Q	2CGE	E-338	
00344					Q	36176A	E-338	
00352			2CBF1262H	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338	
00353					Q	36179A	E-338	
00354					Q	2CGE	E-338	
00355					Q	36176A	E-338	
00366			2PBF1262A	MV3871 POWER CIRCUIT	Q	46005A	E-338, 418	
00367					Q	JB3620	E-338, 418	
00368					Q	36127A	E-338, 418	
00604		AF6451	2CLC6451A	AF6451 CONTROL CIRCUIT	Q	36748A	E-338	
00606					Q	2CGE	E-338	
00607					Q	36172A	E-338	
00649			2CLC6451J	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00651					Q	2CGE	E-338	
00652					Q	36179A	E-338, 418	
00653					Q	JB3620	E-338	
00654					Q	36179B	E-338	
00659			2CLC6451K	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00661					Q	2CGE	E-338	
00662					Q	36179A	E-338, 418	
00663					Q	JB3620	E-338	
00664					Q	36179B	E-338	
01203		ICS038A	2CAFPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	Q	36182B	E-338	
01204					Q	JB3620	E-338	
01205					Q	36182A	E-338	
01206					Q	2CGE	E-338	
01207					Q	36728A	E-338	
01221			2CAFPT02C	ICS038A CONTROL CDF-12A-1 TO C3630	Q	36172A	E-338	
01222					Q	2CGE	E-338	
01223					Q	36728A	E-338	
01232			2CAFPT02M	ICS038A 24V DC POWER C3630 TO JT2704	Q	36182B	E-338	
01233					Q	JB3620	E-338	
01234					Q	2CGE	E-338	
01235					Q	36182A	E-338	
01236					Q	36172A	E-338	
01241			2CAFPT02P	ICS038A CONTROL CIRCUIT	Q	36748B	E-338	
01244					Q	2CGE	E-338	
01245					Q	36179A	E-338, 418	
01246					Q	JB3620	E-338	
01248					Q	36179B	E-338, 337, 342	
01253			2CSD08A	ICS038A CONTROL CIRCUIT	Q	36172A	E-338	
01254					Q	2CGE	E-338	
01255					Q	36729A	E-338	
01805		MS106A	1PBE1271A	MV106 POWER CIRCUIT	Q	36239A	E-338	
02451		P241	AD210	MP2410 SWGR D2 CIRCUIT BREAKER	Q		E-338	
02409			BCAD210D	MP2410 CONTROL CIRCUIT	Q	BCGK	E-338, 351-2	
02410					Q	36739A	E-338, 351-2	
02420			BCAD210E	MP2410 CONTROL CIRCUIT	Q	BCGK	E-338, 351-2	
02421					Q	36739A	E-338, 351-2	
02422			BCAD210F	MP2410 CONTROL CIRCUIT	Q	36739A	E-338, 351-2	
02423					Q	BCGK	E-338, E-351-2	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
02424	AFWS	P241	BCAD210F	MP2410 CONTROL CIRCUIT	Q	36126D	E-338, E-351-2			
02437			BPAD210H	MP2410 CONTROL CIRCUIT	Q	36125A	E-337			
02515		P242-1	AD210	MP2421 SWGR D2 CIRCUIT BREAKER (CH B)	Q		E-338			
02500			BCBF7114B	MP2421 CONTROL CIRCUIT	Q	36437A	E-351			
02501					Q	BCGL	E-338			
02502					Q	BCGD	E-338			
02503					Q	BCGN	E-338			
17434D	CACS	C1-1	1PBE1401A	MC0011 POWER CIRCUIT	Q	46098A*	E-343			
17438D			1PBE1401B	MC0011 POWER CIRCUIT	Q	46097A*	E-343			
17664D		C1-3	2PBF1501A	MC0013 POWER CIRCUIT	Q	46078A*	E-343			
17668D			2PBF1501B	MC0013 POWER CIRCUIT	Q	46079A*	E-343			
17675D			3PBEF15A	MC0013 POWER CIRCUIT	Q	46071A*	E-343, 344			
17680D			3PBEF15B	MC0013 POWER CIRCUIT	Q	46069A*	E-343			
19121	CCWS	CC2649	2CBF1161G	MV2649 CONTROL CIRCUIT	Q	36725A	E-338			
19122					Q	36192A	E-338			
19123					Q	2CGE	E-338			
19124					Q	JB3620	E-338			
19125					Q	36192B	E-338			
19134					2CBF1161H	MV2649 CONTROL CIRCUIT	Q	36715A	E-338	
19135						Q	36725A	E-338		
19136						Q	2CGE	E-338		
19137					2CBF1161I	MV2649 CONTROL CIRCUIT	Q	36210A	E-338	
19138						Q	36187A	E-338, 418		
19139						Q	2CGE	E-338, 418		
19140						Q	JB3620	E-338, 418		
19141						Q	36187B	E-338		
19162					2CCCW002A	MV2649 CONTROL CIRCUIT	Q	36725B	E-338	
19163						Q	36210A	E-338		
19164						Q	2CGE	E-338		
19172					2CCCW002B	MV2649 CONTROL CIRCUIT	Q	36110A	E-338	
19173						Q	36725A	E-338		
19174						Q	2CGE	E-338		
19182					2CCCW002C	MV2649 CONTROL CIRCUIT	Q	36110A	E-338	
19183						Q	36725A	E-338		
19184						Q	2CGE	E-338		
19209					AD108	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19210					AD113	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19221					RC3608	MV2649 RELAY CABINET (CH. 2)	Q		E-338	
19928				CC5096	2CBF1106G	MV5096 CONTROL CIRCUIT	Q	36725A	E-338	
19929							Q	2CGE	E-338	
19930					Q	36729A	E-338			
19937					2CBF1106H	MV5096 CONTROL CIRCUIT	Q	36715C	E-338	
19938						Q	36725A	E-338		
19939						Q	2CGE	E-338		
19940					2CBF1106I	MV5096 CONTROL CIRCUIT	Q	36210A	E-338	
19941						Q	36192A	E-338, 418		
19942						Q	2CGE	E-338, 418		
19943						Q	JB3620	E-338, 418		
19944						Q	36192B	E-338		
19966					2CCCW002A	MV5096 CONTROL CIRCUIT	Q	36725B	E-338	
19967						Q	36210A	E-338		
19968						Q	2CGE	E-338		
19976					2CCCW002B	MV5096 CONTROL CIRCUIT	Q	36110A	E-338	
19977						Q	36725A	E-338		
19978						Q	2CGE	E-338		
19986					2CCCW002C	MV5096 CONTROL CIRCUIT	Q	36110A	E-338	
19987				Q	36725A	E-338				
19988				Q	2CGE	E-338				
20017			AD108	MV5096 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338			
20018			AD113	MV5096 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338			
20029			RC3608	MV5096 RELAY CABINET (CH. 2)	Q		E-338			
20332		CC5098	2CBF1119G	MV5098 CONTROL CIRCUIT	Q	36729A	E-338			
20333					Q	2CGE	E-338			
20334						Q	36725A	E-338		
20335					2CBF1119H	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20336						Q	2CGE	E-338		
20337						Q	36715C	E-338		
20349					2CBF1119I	MV5098 CONTROL CIRCUIT	Q	36192B	E-338	
20350						Q	JB3620	E-338, 418		
20351						Q	36192A	E-338, 418		
20352						Q	2CGE	E-338, 418		
20353				Q	36210A	E-338				
20365			2CCCW002A	MV5098 CONTROL CIRCUIT	Q	36210A	E-338			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
20366	CCWS	CC5098	2CCCW002A	MV5098 CONTROL CIRCUIT	Q	2CGE	E-338	
20367					Q	36725B	E-338	
20368			2CCCW002B	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20369					Q	2CGE	E-338	
20370					Q	36110A	E-338	
20379			2CCCW002C	MV5098 CONTROL CIRCUIT	Q	36110A	E-338	
20382					Q	36725A	E-338	
20383					Q	2CGE	E-338	
20416			AD108	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20417			AD113	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20428			RC3608	MV5098 RELAY CABINET (CH. 2)	Q		E-338	
20710		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	Q	36186B	E-338	
20711					Q	JB3620	E-338, 418	
20712					Q	36186A	E-338, 418	
20713					Q	36725A	E-338	
20714					Q	2CGE	E-338	
20725			2CAD113C	MP0432 CONTROL CIRCUIT	Q	36186B	E-338	
20726					Q	JB3620	E-338, 418	
20727					Q	36186A	E-338, 418	
20728					Q	36725A	E-338	
20729					Q	2CGE	E-338	
20746			2CAD113E	MP0432 CONTROL CIRCUIT	Q	36186B	E-338	
20747					Q	JB3620	E-338, 418	
20748					Q	36186A	E-338, 418	
20749					Q	36725A	E-338	
20750					Q	2CGE	E-338	
20751			2CAD113F	MP0432 CONTROL CIRCUIT	Q	36715A	E-338	
20752					Q	36725A	E-338	
20753					Q	2CGE	E-338	
20775			2CAD113M	MP0432 CONTROL CIRCUIT	Q	36210A	E-338	
20776					Q	36725A	E-338	
20777					Q	2CGE	E-338	
20778			2CAD113N	MP0432 CONTROL CIRCUIT	Q	36701A	E-338	
20779					Q	36725A	E-338	
20780					Q	2CGE	E-338	
20785			2CAD113O	MP0432 CONTROL CIRCUIT	Q	36170A	E-338	
20786					Q	36725A	E-338	
20787					Q	2CGE	E-338	
20788			2CCCW002A	MP0432 CONTROL CIRCUIT	Q	36725B	E-338	
20789					Q	36210A	E-338	
20790					Q	2CGE	E-338	
20798			2CCCW002B	MP0432 CONTROL CIRCUIT	Q	36110A	E-338	
20799					Q	36725A	E-338	
20800					Q	2CGE	E-338	
20808			2CCCW002C	MP0432 CONTROL CIRCUIT	Q	36110A	E-338	
20809					Q	36725A	E-338	
20810					Q	2CGE	E-338	
20811			2PAD113A	MP0432 CONTROL CIRCUIT	Q	36111A	E-338	
20814			AD101	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20815			AD108	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20816			AD113	MP0432 CIRCUIT BREAKER (CH. 2)	Q		E-338	
20827			RC3608	MP0432 RELAY CABINET (CH. 2)	Q		E-338	
21082		P43-3	2CACD3B	MP0433 CONTROL CIRCUIT	Q	36411A	E-338	
21083					Q	2CGE	E-338	
21084					Q	36715A	E-338	
21106			2CACD3C	MP0433 CONTROL CIRCUIT	Q	36192B	E-338	
21107					Q	JB3620	E-338, 418	
21108					Q	36192A	E-338, 418	
21109					Q	2CGE	E-338	
21110					Q	36715A	E-338	
21111			2CACD3F	MP0433 CONTROL CIRCUIT	Q	36715D	E-338	
21113					Q	2CGE	E-338	
21113A					Q	36411A	E-338	
21145A			2CACD3G	MP0433 CONTROL CIRCUIT	Q	36411A	E-338	A
21146A					Q	36411A	E-338	A
21147A					Q	2CGE	E-338	A
21124			2CAD108B	MP0433 CONTROL CIRCUIT	Q	36186B	E-338	
21125					Q	JB3620	E-338, 418	
21126					Q	36186A	E-338, 418	
21127					Q	36715A	E-338	
21128					Q	2CGE	E-338	
21139			2CAD108C	MP0433 CONTROL CIRCUIT	Q	36186B	E-338	
21140					Q	JB3620	E-338, 418	
21141					Q	36186A	E-338, 418	
21142					Q	36715A	E-338	
21143					Q	2CGE	E-338	
21145			2CAD108D	MP0433 CONTROL CIRCUIT	Q	36411A	E-338	14 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21146	CCWS	P43-3	2CAD108D	MP0433 CONTROL CIRCUIT	Q	36715A	E-338	14 D
21147					Q	2CGE	E-338	14 D
21192			2CAD108H	MP0433 CONTROL CIRCUIT	Q	36186B	E-338	
21193					Q	JB3620	E-338, 418	
21194					Q	36186A	E-338, 418	
21195					Q	36715B	E-338	
21196					Q	2CGE	E-338	
21207			2CAD108I	MP0433 CONTROL CIRCUIT	Q	36186B	E-338	
21208					Q	JB3620	E-338, 418	
21209					Q	36186A	E-338, 418	
21210					Q	36715B	E-338	
21211					Q	2CGE	E-338	
21216			2CAD108J	MP0433 CONTROL CIRCUIT	Q	36170A	E-338	
21217					Q	36715C	E-338	
21218					Q	2CGE	E-338	
21229			2CAD108K	MP0433 CONTROL CIRCUIT	Q	JB3620	E-338	
21230					Q	36204A	E-338	
21231					Q	36715D	E-338	
21232					Q	2CGE	E-338	
21233			2CAD108L	MP0433 CONTROL CIRCUIT	Q	36725A	E-338	
21234					Q	36715C	E-338	
21235					Q	2CGE	E-338	
21236			2CAD108M	MP0433 CONTROL CIRCUIT	Q	36701A	E-338	
21237					Q	36715C	E-338	
21238					Q	2CGE	E-338	
21243			2PAD108A	MP0433 POWER TO ACD3 CIRCUIT	Q	36407A	E-338	
21246G			2PD2P06A	CONTROL POWER TO TRANSFER SWGR 3-ACD3	Q	36342A	E-338	
21246H					Q	JB3640	E-338	
21246I					Q	46823B	E-338	
21253			AD101	MP0433 CIRCUIT BREAKER INTLK	Q		E-338	
21254			AD108	MP0433 CIRCUIT BREAKER (CH. 2)	Q		E-338	
21255			AD113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
21272			RC3608	MP0433 RELAY CABINET (CH. 2)	Q		E-338	
24409	DHRS	P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	Q	36178B	E-338	
24410					Q	JB3620	E-338, 418	
24411					Q	36178A	E-338, 418	
24412					Q	36723A	E-338	
24413					Q	2CGE	E-338	
24423			2CAD112C	MP0422 CONTROL CIRCUIT	Q	36178B	E-338	
24424					Q	JB3620	E-338, 418	
24425					Q	36178A	E-338, 418	
24426					Q	36723A	E-338	
24427					Q	2CGE	E-338	
24433			2CAD112E	MP0422 CONTROL CIRCUIT	Q	36108	E-338	
24434					Q	36723A	E-338	
24435					Q	2CGE	E-338	
24445			2CAD112F	MP0422 CONTROL CIRCUIT	Q	36178B	E-338	
24446					Q	JB3620	E-338, 418	
24447					Q	36178A	E-338, 418	
24448					Q	36723A	E-338	
24449					Q	2CGE	E-338	
24454			2PAD112A	MP0422 POWER CIRCUIT	Q	36109A	E-337	
24455			AD112	MP0422 CIRCUIT BREAKER (CH. 2)	Q		E-338	
24612	EDG	DA1148A/B	2CGD204B	SV1148A/B CONTROL CIRCUIT	Q	36178B	E-338	
24613					Q	JB3620	E-338, 418	
24614					Q	36178A	E-338, 418	
24615					Q	2CGE	E-338	
24616					Q	36175A	E-338	
24630			2CGD204C	SV1148A/B CONTROL CIRCUIT	Q	36178B	E-338	
24631					Q	JB3620	E-338, 418	
24632					Q	36178A	E-338, 418	
24633					Q	2CGE	E-338	
24634					Q	36175A	E-338	
24651			2CGD204E	SV1148A/B CONTROL CIRCUIT	Q	36178B	E-338	
24652					Q	JB3620	E-338, 418	
24653					Q	36178A	E-338, 418	
24654					Q	36176A	E-338	
24655					Q	2CGE	E-338	
24912		K5-2	2CGD201G	EDG 1-2 CONTROL CIRCUIT	Q	36701A	E-338	
24913					Q	36170A	E-338	
24914					Q	2CGE	E-338	
24925			2CGD201J	EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338	
24926					Q	2CGE	E-338	
24927					Q	36170A	E-338	
24932			2CGD201K	EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338	
24933					Q	2CGE	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24934	EDG	K5-2	2CGD201K	EDG 1-2 CONTROL CIRCUIT	Q	36170A	E-338	
24948			2CGD201L	EDG 1-2 CONTROL CIRCUIT	Q	JB3620	E-338	
24949					Q	36192A	E-338	
24950					Q	2CGE	E-338	
24951					Q	36170A	E-338	
24966			2CGD201N	EDG 1-2 CONTROL CIRCUIT	Q	JB3620	E-338	
24967					Q	36192A	E-338	
24968					Q	2CGE	E-338	
24969					Q	36175A	E-338	
24984			2CGD202A	EDG 1-2 CONTROL CIRCUIT	Q	36170A	E-338	
24985					Q	36701A	E-338	
24986					Q	2CGE	E-338	
25011			2CGD205A	EDG 1-2 CONTROL CIRCUIT	Q	36178B	E-338	
25012					Q	JB3620	E-338, 418	
25013					Q	36178A	E-338, 418	
25014					Q	2CGE	E-338	
25015					Q	36175A	E-338	
25038			2CGD206A	EDG 1-2 CONTROL CIRCUIT	Q	36178B	E-338	
25039					Q	JB3620	E-338, 418	
25040					Q	36178A	E-338, 418	
25041					Q	36175A	E-338	
25042					Q	2CGE	E-338	
25075A			2CGD208A	FIELD FLASH/SHORTING CIRCUITS	Q	36701A	E-338, 351-2	
25075B					Q	2CGE	E-338, 351-2	
25075C					Q	36176A	E-338, 351-2	
25075D					Q	36176B*	E-337	
25062			AD101	EDG 1-2 CIRCUIT BREAKER (CH. 2)	Q		E-338	
25063			AD103	EDG 1-2 SWGR D1 CUBICLE	Q		E-338	
25107		P195-1	1CBEL298B	MP1951 CONTROL CIRCUIT	Q	JB3660	E-338	
25108					Q	30184E	E-338	
25135			1PBEL298A	MP1951 POWER CIRCUIT	Q	JB3660	E-338	
25136					Q	30185E	E-338	
25207		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	Q	JB3665	E-338	
25208					Q	30187E	E-338	
25209					Q	30187F	E-338	
25210					Q	2CGE	E-338	
25211					Q	36748A	E-338	
25217			2CBF1230C	MP1952 CONTROL CIRCUIT	Q	30187G	E-338	
25218					Q	30187F	E-338	
25219					Q	2CGE	E-338	
25220					Q	36748B	E-338	
25226			2CBF1230D	MP1952 CONTROL CIRCUIT	Q	30187G	E-338	
25227					Q	30187F	E-338	
25228					Q	2CGE	E-338	
25229					Q	36748B	E-338	
25240			2CBF1230E	MP1952 CONTROL CIRCUIT	Q	36176A	E-338	
25241					Q	2CGE	E-338	
25242					Q	36748B	E-338	
25253			2PBF1230A	MP1952 POWER CIRCUIT	Q	JB3665	E-338	
25254					Q	30182E	E-338	
35651H	ESSPWR	BUS B	2PD202A	125V BKR CONT PWR (C1 BACKFEED)	Q	46751A	E-338	A
35651I			BCHBDA	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36774A	E-338	A
35651J					Q	BCGM	E-338	A
35651R			BCHBDB	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651S					Q	BCGD	E-338	A
35651T					Q	BCGN	E-338	A
35651U					Q	36775A	E-338	A
35651V			BCHBDC	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651W					Q	BCGD	E-338	A
35651X					Q	BCGN	E-338	A
35651Y					Q	36775A	E-338	A
35651Z			BCHBDD	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36414A	E-338	A
35651Q			BPDBP02A	CONTROL PWR FOR HBBD (E32B/25B)	Q	46842A	E-351-2	A
35650A			BPXBD01A	POWER CABLE FROM XBD (TYP FOR 3 PH)	Q	36165A	E-337	A
35652			HBBD	BUS B BREAKER FOR XFMR XBD	Q		E-338	A
27336		C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	Q	36341A	E-338	
27337					Q	JB3640	E-338	
27338					Q	46823B	E-338	
32195			2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	Q	36341A	E-338	
32196					Q	JB3640	E-338	
32197					Q	46823B	E-338	
32512B			4PY405A	ALT CONTROL POWER TO EDG1-2 IND LIGHTS	Q	46095B*	E-337, 343	
33751		C3629	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	Q	2CGE	E-338	
33752					Q	36728A	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
32116	ESSPWR	C3630	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	Q	2CGE	E-338	
32117					Q	36728A	E-338	
26210		D1	2CAACD1C	AACD1 CONTROL CIRCUIT	Q	JB3620	E-338	
26211					Q	36192A	E-338	
26212					Q	36703A	E-338	
26213					Q	2CGE	E-338	
26219			2CAACD1D	AACD1 CONTROL CIRCUIT	Q	36170A	E-338	
26220					Q	36703A	E-338	
26221					Q	2CGE	E-338	
26232			2CAACD1L	AACD1 CONTROL CIRCUIT	Q	JB3620	E-338	
26233					Q	36192A	E-338	
26234					Q	36703A	E-338	
26235					Q	2CGE	E-338	
26246			2CAD101C	AD101 CONTROL CIRCUIT	Q	36189B	E-338	
26247					Q	JB3620	E-338, 418	
26248					Q	36189A	E-338, 418	
26249					Q	36701A	E-338	
26250					Q	2CGE	E-338	
26261			2CAD101D	AD101 CONTROL CIRCUIT	Q	36186B	E-338	
26262					Q	JB3620	E-338, 418	
26263					Q	36186A	E-338, 418	
26264					Q	36701A	E-338	
26265					Q	2CGE	E-338	
26270			2CAD101F	AD101 CONTROL CIRCUIT	Q	36175A	E-338	
26271					Q	36701A	E-338	
26272					Q	2CGE	E-338	
26277			2CAD101G	AD101 CONTROL CIRCUIT	Q	36175A	E-338	
26278					Q	36701A	E-338	
26279					Q	2CGE	E-338	
26293			2CAD1033A	SWGR D1 CONTROL CIRCUIT	Q	JB3620	E-338	
26294					Q	36186A	E-338	
26295					Q	36705A	E-338	
26296					Q	2CGE	E-338	
26307			2CAD1033B	SWGR D1 CONTROL CIRCUIT	Q	JB3620	E-338	
26308					Q	36186A	E-338	
26309					Q	36705A	E-338	
26310					Q	2CGE	E-338	
26311			2CAD1033C	SWGR D1 CONTROL CIRCUIT	Q	36719A	E-338	
26312					Q	36705A	E-338	
26313					Q	2CGE	E-338	
26323			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36179B	E-338	
26324					Q	JB3620	E-338, 418	
26325					Q	36179A	E-338, 418	
26326					Q	36701C	E-338	
26327					Q	2CGE	E-338	
26328			2CGD203B	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36703A	E-338, 351-2	
26329					Q	36719A	E-338, 351-2	
26330					Q	2CGE	E-338, 351-2	
26335			2CGD203C	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36170A	E-338	
26336					Q	36705A	E-338, 351-2	
26337					Q	2CGE	E-338, 351-2	
26342			2CGD203D	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36170A	E-338	
26343					Q	36719A	E-338, 351-2	
26344					Q	2CGE	E-338, 351-2	
26355			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36192B	E-338	
26356					Q	JB3620	E-338, 418	
26357					Q	36192A	E-338, 418	
26358					Q	2CGE	E-338	
26359					Q	36175A	E-338	
26374			2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36192B	E-338	
26375					Q	JB3620	E-338, 418	
26376					Q	36192A	E-338, 418	
26377					Q	2CGE	E-338	
26378					Q	36175A	E-338	
26387			2CGD203G	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36176A	E-338	
26388					Q	36701A	E-338	
26389					Q	2CGE	E-338	
26389A			2CGD203H	27/C2, 27A/C2 CONTROL CIRCUIT	Q	JB3620	E-338	
26389B					Q	36187A	E-338	
26389C					Q	2CGE	E-338	
26389D					Q	36450A	E-338	
26389I			2CGD203I	27/C2, 27A/C2 CONTROL CIRCUIT	Q	36175A	E-338	
26389J					Q	2CGE	E-338	
26389K					Q	36192A	E-338	
26389L					Q	JB3620	E-338	
26393			2PAD101A	AD101 POWER CIRCUIT	Q	36101B	E-337	
26397			2PAD101B	AD101 POWER CIRCUIT	Q	36103B	E-337	
27319			2PD2P05A	CONTROL POWER TO SWGR BUS D1 AD113	Q	46828A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
26405A	ESSPWR	D1	4PD2N05A	CONTROL POWER TO SWGR BUS D1 (AD113)	Q	46829A	E-338			
26398			AD101	4.16KV ES SWGR BUS D1 BREAKER (CH. 2)	Q		E-338			
26399			AD103	SWGR D1 CUBICLE	Q		E-338			
26405			D1	4.16KV ESSEN SWGR BUS D1 (CH. 2)	Q		E-338			
27010	D2		2CAD110C	AD110 CONTROL CIRCUIT	Q	JB3620	E-338			
27011					Q	36186A	E-338			
27012					Q	36719A	E-338			
27013					Q	2CGE	E-338			
27018					2CAD110D	AD110 CONTROL CIRCUIT	Q	36170A	E-338	
27019						Q	36719A	E-338		
27020						Q	2CGE	E-338		
27052N					AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-338	
27052J					ABDD2	BUS D2 BREAKER FROM XFMR XBD	Q		E-338	
27052Q					AD103	BUS D1 CUBICLE 3	Q		E-338	
27021					AD110	4.16KV SWGR D1 CIRCUIT BREAKER	Q		E-338	
27052R						Q		E-338		
27022					AD203	SWGR D2 CUBICLE	Q		E-338	
27050D					BCABDD2A	CNTRL CIRCUIT TO E32B/7 HAAC (BACKFEED)	Q	36737A	E-338, 351-2	
27050E						Q	BCGL	E-338		
27050F						Q	BCGD	E-338		
27050G						Q	36451A	E-338		
27050I					BCABDD2B	CNTRL CIRCUIT TO E32B/7 HAAD (BACKFEED)	Q	36737A	E-338, 351-2	
27050J						Q	BCGL	E-338		
27050K						Q	BCGD	E-338		
27050L				Q	BCGN	E-338				
27050M				Q	36775A	E-338				
27050N			BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7	Q	36738A	E-338, 351-2			
27050P				Q	BCGK	E-338, 351-2				
27050Z			BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2			
27051A				Q	BCGD	E-338, 351-2				
27051B				Q	BCGN	E-338				
27051C				Q	36171A	E-338				
27051H			BCABDD2E	CNTRL CIRC TO AACD1A (BACKFEED) E32B/7	Q	36737A	E-338, 351-2			
27051I				Q	BCGL	E-338, 351-2				
27051J				Q	BCGD	E-338, 351-2				
27051K				Q	36702A	E-338, 351-2				
27051L			BCABDD2F	CNTRL CIRC TO AD103 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2			
27051M				Q	BCGL	E-338				
27051N				Q	BCGD	E-338				
27051P				Q	36704A	E-338, 351-2				
27051Q			BCABDD2G	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2			
27051R				Q	BCGL	E-338				
27051S				Q	BCGD	E-338				
27051T				Q	36718A	E-338, 351-2				
27051U			BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2			
27051V				Q	BCGD	E-338				
27051W				Q	BCGL	E-338				
27052F			BCABDD2I	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2			
27052G				Q	BCGL	E-338, 351-2				
27052H				Q	BCGD	E-338, 351-2				
27052I				Q	36718A	E-338, 351-2				
27053A			BCAD2031A	BKR AMMETER AND TRIP AD110	Q	36731A	E-356-2	A		
27053B				Q	BCGL	E-338	A			
27031			BCAD2032A	SWGR D2 CONTROL CIRCUIT	Q	BCGL	E-338			
27032				Q	36731A	E-338				
27033			BCAD2032B	SWGR D2 CONTROL CIRCUIT	Q	36480A	E-338			
27034				Q	BCGD	E-338				
27035				Q	36731A	E-338				
27036				Q	BCGL	E-338				
27041			BCAD2032C	SWGR D2 CONTROL CIRCUIT	Q	36102	E-338			
27042				Q	BCGD	E-338				
27043				Q	36731A	E-338				
27044				Q	BCGL	E-338				
27052S			BCAD2033B	BKR AMMETER AND TRIP AD110	Q	36718A	E-351-2	A		
27052T				Q	BCGD	E-351-2	A			
27052U				Q	BCGD	E-338	A			
27052V				Q	BCGL	E-338	A			
27052W				Q	36731A	E-351-2	A			
27044B			BPDBN07A	125V DC CONTROL POWER TO SWGR D2	Q	46841A	E-338			
27044D				Q	46840A	E-338				
27044E				Q	46840C	E-338				
27045			C3611	SWGR D2 CONTROL CABINET	Q		E-338			
27050A			CABLEBUS	BACKFEED C1 CABLE TO ABDD2 (C1)	Q	CABL BUS	E-410			
27048			D2	4.16KV ESSEN SWGR BUS D2 (CH. 2)	Q		E-338			
27052L			HBD	BUS A BREAKER TO XFMR XBD	Q		E-338			
28101		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	Q	36206A	E-338			
28806		E11A	1PBE107B	BE107 POWER CIRCUIT	Q	46008C (A)	E-338			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
29604D	ESSPWR	E12E	1PBE1234A	BE1234 POWER CIRCUIT	Q	46087A*	E-343	
30310		F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	Q	36186B	E-338	
30311					Q	JB3620	E-338, 418	
30312					Q	36186A	E-338, 418	
30313					Q	36711A	E-338	
30314					Q	2CGE	E-338	
30318			2CAD11DFE	AD1DF11 CONTROL CIRCUIT	Q	36728A	E-338	5 D
30319					Q	36711A	E-338	5 D
30320					Q	2CGE	E-338	5 D
30331			2CAD11DFF	AD1DF11 CONTROL CIRCUIT	Q	36186B	E-338	
30332					Q	JB3620	E-338, 418	
30333					Q	36186A	E-338, 418	
30334					Q	36711A	E-338	
30335					Q	2CGE	E-338	
30346			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	Q	36189B	E-338	
30347					Q	JB3620	E-338, 418	
30348					Q	36189A	E-338, 418	
30349					Q	36707A	E-338	
30350					Q	2CGE	E-338	
30354			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	Q	36728A	E-338	5 D
30355					Q	36707A	E-338	5 D
30356					Q	2CGE	E-338	5 D
30367			2CAD12DFF	AD1DF12 CONTROL CIRCUIT	Q	36189B	E-338	
30368					Q	JB3620	E-338, 418	
30369					Q	36189A	E-338, 418	
30370					Q	36707A	E-338	
30371					Q	2CGE	E-338	
30375			2CBDF11A	BDF11 CONTROL CIRCUIT	Q	36728A	E-338	
30376					Q	36711A	E-338	
30377					Q	2CGE	E-338	
30388			2CBDF12A	BDF12 CONTROL CIRCUIT	Q	36728A	E-338	
30389					Q	36707A	E-338	
30390					Q	2CGE	E-338	
30399			2PAD11DFA	AD1DF11 POWER CIRCUIT	Q	36404A	E-338	
30401			2PAD12DFA	AD1DF12 POWER CIRCUIT	Q	36409A	E-338	
30402			AD1DF11	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
30403			AD1DF12	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
31101B		F12B	2PBF107A	BF107 POWER CIRCUIT	Q	46094B*	E-337, 343	
31206		F12C	2PBF1202A	BF1202 POWER CIRCUIT	Q	36158A	E-338	
31656		F7	AD2DF7	480VAC SWGB BUS F7 FDR CIRCUIT BREAKER	Q		E-337	
31663					Q		E-337	
31603			BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351	
31604					Q	BCGK	E-338	
31613			BCAD2DF7E	AD2DF7 CONTROL CIRCUIT	Q	36435A	E-351	
31614					Q	BCGL	E-338	
31615					Q	BCGD	E-338	
31616					Q	BCGN	E-338	
31622			BCAD2DF7F	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351	
31623					Q	BCGK	E-338	
31640			BCBDF7A	BDF7 CONTROL CIRCUIT	Q	36435A	E-351	
31641					Q	BCGL	E-338	
31642					Q	BCGD	E-338	
31643					Q	BCGN	E-338	
31602			BPAD2DF7A	4.16KV PD BRKR TO UNIT SUB F7 POWER	Q	36434A	E-349	
27347N		RC3602	2CD2P21B	CONTROL POWER TO RC3602	Q	36810A	E-338	
27347O					Q	36413B	E-338	
27347P					Q	2CGE	E-338	
27347Q			2CD2P21C	CONTROL POWER TO RC3608 (CCW 002)	Q	36201A	E-338	
27347R					Q	36413B	E-338	
27347S					Q	2CGE	E-338	
27292		RC3608	2CD2P21B	CONTROL POWER TO RC3602	Q	36810A	E-338	
27293					Q	36413B	E-338	
27294					Q	2CGE	E-338	
27295			2CD2P21C	CONTROL POWER TO RC3608 (CCW002)	Q	36210A	E-338	
27296					Q	36413B	E-338	
27297					Q	2CGE	E-338	
27144		RC3702	2CD2P21B	CONTROL POWER TO RC3602	Q	36810A	E-338	
27145					Q	36413B	E-338	
27146					Q	2CGE	E-338	
27147			2CD2P21C	CONTROL POWER TO RC3608	Q	36201A	E-338	
27148					Q	36413B	E-338	
27149					Q	2CGE	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
26973	ESSPWR	RC3716	BCYBU43A		Q	46851A	E-338					
26974					Q	BCGD	E-338					
26975					Q	BCGL	E-338					
31705D	XAC01		AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-410					
31705A			CABLEBUS	BACKFEED D1 POWER CABLE FROM AACD1	Q	CABL BUS	E-410					
32701	Y3602		BPYBU05A	CONTROL POWER T Y3602 (MU32, MU19)	Q	46906A	E-338					
34615	HPIS	P198-1	2CBF1231C	MP1981 CONTROL CIRCUIT	Q	46345A	E-338					
34616					Q	36721A	E-338					
34617					Q	2CGE	E-338					
34623					Q		E-338					
34715	P198-2		2CD206C	MP1982 CONTROL CIRCUIT	Q	46345A	E-338					
34716					Q	36721A	E-338					
34717					Q	2CGE	E-338					
34733					Q		E-338					
34910	P58-2		2CAD111B	MP0582 CONTROL CIRCUIT	Q	36189B	E-338					
34911					Q	JB3620	E-338, 418					
34912					Q	36189A	E-338, 418					
34913					Q	36721A	E-338, 351-2					
34914					Q	2CGE	E-338					
34925					2CAD111C	MP0582 CONTROL CIRCUIT	Q	36189B	E-338			
34926							Q	JB3620	E-338, 418			
34927							Q	36189A	E-338, 418			
34928							Q	36721A	E-338, 351-2			
34929					Q	2CGE	E-338					
34933					2CAD111E	MP0582 CONTROL CIRCUIT	Q	36106	E-338			
34934							Q	36721A	E-338, 351-2			
34935							Q	2CGE	E-338			
34948							2CAD111F	MP0582 CONTROL CIRCUIT	Q	36189B	E-338	
34949					Q	JB3620			E-338, 418			
34950					Q	36189A			E-338, 418			
34951	Q	36721A	E-338, 351-2									
34952	Q	2CGE	E-338									
34956	2PAD111A	MP0582 POWER CIRCUIT	Q	36107A*	E-337							
34958	AD111	MP0582 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338							
36204	HVAC	C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	Q	36189B	E-338					
36205					Q	JB3620	E-338, 418					
36206					Q	36189A	E-338, 418					
36207					Q	2CGE	E-338					
36208					Q	36728A	E-338					
36218					2CBF1205C	MC0732 CONTROL CIRCUIT	Q	36189B	E-338			
36219							Q	JB3620	E-338, 418			
36220							Q	36189A	E-338, 418			
36221							Q	2CGE	E-338			
36222					Q	36728A	E-338					
36233					2PBF1205A	MC0732 POWER CIRCUIT	Q	46005A	E-338			
36234							Q	JB3620	E-338, 418			
36235							Q	36190A	E-338, 418			
36607					C78-2		2CBF1259B	MC0782 CONTROL CIRCUIT	Q	36729A	E-338	
36608									Q	2CGE	E-338	
36609									Q	36175A	E-338	
36620	2CBF1259C	MC0782 CONTROL CIRCUIT	Q	36729A					E-338			
36621			Q	2CGE					E-338			
36622			Q	36175A					E-338			
36623			Q	36175B					E-337			
36630	2PBF1259A	MC0782 POWER CIRCUIT	Q	36368A					E-338			
37312	HV5305		1PYE104A	MV5305 POWER CIRCUIT					Q	36898A	E-338	
37605	HV5314		2CYF104B	MV5314 CONTROL CIRCUIT					Q	36748B	E-338	
37606					Q	36176A	E-338					
37607					Q	2CGE	E-338					
39028	HV5597		1PBE1208H	MV5597 POWER CIRCUIT	Q	30185E	E-338					
39029					Q	JB3660	E-338					
39030					Q	36018A	E-338					
44061	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	Q	36059A	E-338	3 D				
44076					Q	36059A	E-338	3 D				
44076A					Q	36059A	E-338	3 A				
44076B					Q	1CGZ	E-338	3 A				
44076C					Q	1CGC	E-338	3 A				
44076D					Q	36090A	E-338	3 A				

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44076E	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	Q	JB3607	E-338	3 A
44076F					Q	36084B	E-338	3 A
44156D		P-371D	ACBE1192L	MP0371D CONTROL CIRCUIT	Q	36357C	E-338	3 A
44156E					Q	1CGC	E-338	3 A
44156F					Q	36312A	E-338	3 A
44171A			ACBE1192M	MP0371D CONTROL CIRCUIT	Q	36509A	E-338, 351-1	3 A
44171B					Q	1CGZ	E-338, 351-1	3 A
44171C					Q	1CGC	E-338, 351-1	3 A
44171D					Q	36312A	E-338	3 A
44300		P-372C	AD105	MP0372C CIRCUIT BREAKER (INTLK)	Q		E-338	
44382			BCD217G	MP0372C CONTROL CIRCUIT	Q	BCGN	E-338	
44383					Q	36708A	E-338	
44384					Q	BCGD	E-338	
44387			BPD217A	MP0372C POWER CIRCUIT	Q	JB3620	E-338	
44388					Q	36183A	E-338	
44507		P-372D	AD105	MP372D CIRCUIT BREAKER (CH. B)	Q		E-338	
44496			BCBF1168I	MP372D CONTROL CIRCUIT	Q	BCGN	E-338	
44497					Q	36708A	E-338	
44498					Q	BCGD	E-338	
44705		P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	Q	36176A	E-338	
44706					Q	36709A	E-338	
44707					Q	2CGE	E-338	
44810			2PAD105A	MP0372A POWER CIRCUIT	Q	36131A	E-338	
44811			AD105	MP0372A CIRCUIT BREAKER (CH. B)	Q		E-338	
44718			BCAD105B	MP0372A CONTROL CIRCUIT	Q	BCGN	E-338	
44719					Q	36708A	E-338	
44720					Q	BCGD	E-338	
44731			BCAD105C	MP0372A CONTROL CIRCUIT	Q	BCGN	E-338	
44732					Q	36708A	E-338	
44733					Q	BCGD	E-338	
44745			BCAD105E	MP0372A CONTROL CIRCUIT	Q	36132A	E-338, 351-2	
44746					Q	BCGL	E-338	
44747					Q	36708A	E-338	
44748					Q	BCGD	E-338	
44753			BCAD105F	MP0372A CONTROL CIRCUIT	Q	36132A	E-338	
44754					Q	BCGL	E-338	
44755					Q	36708A	E-338	
44756					Q	BCGD	E-338	
44772			BCAD105G	MP0372A CONTROL CIRCUIT	Q	BCGN	E-338	
44773					Q	36708A	E-338	
44774					Q	BCGD	E-338	
44792			BCAD105H	MP0372A CONTROL CIRCUIT	Q	BCGN	E-338	
44793					Q	36708A	E-338	
44794					Q	BCGD	E-338	
48103	NNI	PI-6365A	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	Q	36016A	E-338	
48113			2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	Q	36016A	E-338	
48203		PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	Q	36016A	E-338	
57418	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	Q	36189A	E-338	
57419					Q	2CGE	E-338	
57420					Q	JB3620	E-338	
57421					Q	36189B	E-338	
57422					Q	36829A	E-338	
60513		RCPM2	2CRCPM21B	RCP MONITOR	Q	36189B	E-338	
60514					Q	36413A	E-338	
60515					Q	36189A	E-338	
60516					Q	JB3620	E-338	
60517					Q	2CGE	E-338	
60717		RCPM4	2CRCPM41B	RCP MONITOR	Q	36182B	E-338	
60718					Q	JB3620	E-338	
60719					Q	36543A	E-338	
61108	SWS	P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	Q	36191B	E-338	
61109					Q	JB3620	E-338, 418	
61110					Q	36191A	E-338, 418	
61111					Q	36713A	E-338	
61112					Q	2CGE	E-338	
61121			2CAD107C	MP0032 CONTROL CIRCUIT	Q	36191B	E-338	
61122					Q	JB3620	E-338, 418	
61123					Q	36191A	E-338, 418	
61124					Q	36713A	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61125	SWS	P3-2	2CAD107C	MP0032 CONTROL CIRCUIT	Q	2CGE	E-338	
61136			2CAD107E	MP0032 CONTROL CIRCUIT	Q	36104A	E-338	
61137					Q	36713A	E-338	
61138					Q	2CGE	E-338	
61147			2CAD107F	MP0032 CONTROL CIRCUIT	Q	36191B	E-338	
61148					Q	JB3620	E-338, 418	
61149					Q	36191A	E-338, 418	
61150					Q	36713A	E-338	
61151					Q	2CGE	E-338	
61153			2CAD107G	MP0032 CONTROL CIRCUIT	Q	36412A	E-338	14 D
61154					Q	36713A	E-338	14 D
61155					Q	2CGE	E-338	14 D
61152A			2CAD107H	MP0032 CONTROL CIRCUIT AD107	Q	36713A	E-338	A
61153A					Q	2CGE	E-338	A
61154A					Q	36717A	E-338	A
61161			2PAD107A	MP0032 POWER CIRCUIT	Q	36105A	E-337	
61163			AD107	MP0032 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61168			AD109	MP033 CIRCUIT BREAKER (INTLK) (CH 2)	Q		E-338	
61294		P3-3	2CACD5D	MP0033 CONTROL CIRCUIT	Q	36717A	E-351-2	
61295					Q	2CGE	E-338	
61296					Q	36412A	E-338	
61308			2CACD5E	MP0033 CONTROL CIRCUIT	Q	36192B	E-338	
61309					Q	JB3620	E-338, 418	
61310					Q	36192A	E-338, 418	
61311					Q	36717A	E-351-2, 338	
61312					Q	2CGE	E-351-2, 338	
61353A			2CACD5F	MP0033 CONTROL CIRCUIT	Q	36412A	E-338	A
61354A					Q	2CGE	E-338, 351-2	A
61355A					Q	36717A	E-338, 351-2	A
61321			2CAD109B	MP0033 CONTROL CIRCUIT	Q	36191B	E-338	
61322					Q	JB3620	E-338, 418	
61323					Q	36191A	E-338, 418	
61324					Q	36717A	E-338, 351-2	
61325					Q	2CGE	E-338, 351-2	
61334			2CAD109C	MP0033 CONTROL CIRCUIT	Q	36191B	E-338	
61335					Q	JB3620	E-338, 418	
61336					Q	36191A	E-338, 418	
61337					Q	36717A	E-338, 351-2	
61338					Q	2CGE	E-338, 351-2	
61347			2CAD109D	MP0033 CONTROL CIRCUIT	Q	36191B	E-338	
61348					Q	JB3620	E-338, 418	
61349					Q	36191A	E-338, 418	
61350					Q	36717A	E-338, 351-2	
61351					Q	2CGE	E-338, 351-2	
61353			2CAD109E	MP0033 CONTROL CIRCUIT	Q	36412A	E-338	14 D
61354					Q	36717A	E-338, 351-2	14 D
61355					Q	2CGE	E-338, 351-2	14 D
61366			2CAD109F	MP0033 CONTROL CIRCUIT	Q	36104A	E-338	
61367					Q	36717A	E-338	
61368					Q	2CGE	E-338	
61375			2PAD109A	MP0033 POWER CIRCUIT	Q	36408A	E-338	
61381G			2PD2P08A	CONTROL POWER TO TRANSFER SWGR 5-ACD5	Q	36342A	E-338	
61381H					Q	JB3640	E-338	
61381L					Q	46823B	E-338	
61386			AD109	MP0033 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61521		SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	Q	36729A	E-338	
61522					Q	36192A	E-338, 418	
61523					Q	2CGE	E-338, 418	
61524					Q	JB3620	E-338, 418	
61525					Q	36192B	E-338	
61679D		SW1358	2CV1358BH	SV1358 CONTROL CIRCUIT	Q	46072A*	E-343, 344	
61699D			2CV1358BJ	SV1358 CONTROL CIRCUIT	Q	46072A*	E-343, 344	
61927		SW1367	2PBF1223A	MV1367 POWER CIRCUIT	Q	46147A	E-338	
62043D		SW1368	2CBF1224B	MV1368 CONTROL CIRCUIT	Q	46072A*	E-343, 344	
62078			2PBF1224A	MV1368 POWER CIRCUIT	Q	46536A	E-338, 351-2	
62618		SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	Q	36172A	E-338	
62619					Q	36178A	E-338, 418	
62620					Q	2CGE	E-338, 418	
62621					Q	JB3620	E-338, 418	
62622					Q	36178B	E-338	
62633			2CBF1177H	MV1383 CONTROL CIRCUIT	Q	46345A	E-338	
62634					Q	36186A	E-338, 418	
62635					Q	2CGE	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
62636	SWS	SW1383	2CBF1177H	MV1383 CONTROL CIRCUIT	Q	JB3620	E-338, 418	
62637					Q	36187B	E-338	
62708			2CSD04A	MV1383 CONTROL CIRCUIT	Q	36172A	E-338	
62709					Q	2CGE	E-338, 418	
62710					Q	36178A	E-338, 418	
62711					Q	JB3620	E-338, 418	
62712					Q	36178B	E-338	
62816		SW1395	2CBF1277E	MV1395 CONTROL CIRCUIT	Q	JB3620	E-338	
62817					Q	36189A	E-338	
62818					Q	2CGE	E-338	
62819					Q	36104A	E-338	
62832			2CBF1277G	MV1395 CONTROL CIRCUIT	Q	JB3620	E-338	
62833					Q	36189A	E-338	
62834					Q	2CBG	E-338	
62835					Q	36104A	E-338	
63143		SW1429	2CV1429B	SV1429 CONTROL CIRCUIT	Q	36179B	E-338	
63144					Q	JB3620	E-338, 418	
63145					Q	36179A	E-338, 418	
63146					Q	36715D	E-338, 351-1	
63147					Q	2CGE	E-338, 351-1	
63164			2CV1429G	SV1429 CONTROL CIRCUIT	Q	36715D	E-338, 351-2	
63165					Q	2CGE	E-338	
63166					Q	36411A	E-338	
63190			AD108	SV1429 CIRCUIT BREAKER (CH. 2)	Q		E-338	
63719		SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	Q	36189B	E-338	
63720					Q	JB3620	E-338, 418	
63721					Q	36189A	E-338, 418	
63722					Q	2CGE	E-338	
63723					Q	36104A	E-338	
63724					Q	36104B	E-337, 342	
63919		SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	Q	36189B	E-338	
63920					Q	JB3620	E-338, 418	
63921					Q	36189A	E-338, 418	
63922					Q	2CGE	E-338	
63923					Q	36104A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00608	AFWS	AF6451	2CLC6451A	AF6451 CONTROL CIRCUIT	R	36172A	E-338	
00650			2CLC6451J	AF6451 CONTROL CIRCUIT	R	36172A	E-338	
00660			2CLC6451K	AF6451 CONTROL CIRCUIT	R	36172A	E-338	
00698			C3630	AF6451 AUX SHUTDOWN PANEL (CH 2)	R		E-338	
00852	AF6452	AF6452	1CLC6452A	AF6452 CONTROL CIRCUIT	R	36982B	E-338	
00853					R	JB3699	E-338	
00854					R	36982C	E-338	
00801			1CLC6452C	AF6452 CONTROL CIRCUIT	R	36982B	E-338	
00802					R	JB3699	E-338	
00803					R	36982D	E-338	
00855			1CLC6452J	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00867			1CLC6452K	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00895			C3630	AF6452 AUX SHUTDOWN PANEL (CH 1)	R		E-338	
01220			ICS038A	ICS038A	2CAFP020C	ICS038A CONTROL CDF-12A-1 TO C3630	R	36172A
01237	2CAFP020M	ICS038A 24V DC POWER C3630 TO JT2704			R	36172A	E-338	
01252	2CSD08A	ICS038A CONTROL CIRCUIT			R	36172A	E-338	
01261	C3630	ICS038A AUX SHUTDOWN PANEL (CH. 2)			R		E-338	
01329	ICS038B	ICS038B	1CAFP010C	ICS038B CONTROL CDE-12A-1 TO C3630	R	36142A	E-338	
01344			1CAFP010M	ICS038B 24V DC POWER C3630 TO JT2703	R	36142A	E-338	
01357			1CSD07A	ICS038B CONTROL CIRCUIT	R	36142A	E-338	
01364			C3630	ICS038B AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
17434C	CACS	C1-1	1PBEB1401A	MC0011 POWER CIRCUIT	R	46098A*	E-343	
17438C			1PBEB1401B	MC0011 POWER CIRCUIT	R	46097A*	E-343	
17675C	C1-3	C1-3	3PBEF15A	MC0013 POWER CIRCUIT	R	46071A*	E-343, 344	
17680E			3PBEF15B	MC0013 POWER CIRCUIT	R	46069A*	E-343	
20934	CCWS	P43-3	1CAC108D	MP0433 CONTROL CIRCUIT	R	36310A	E-338	D
21057			1CACD2B	MP0433 CONTROL CIRCUIT	R	36310A	E-338	
21078			1CACD2F	MP0433 CONTROL CIRCUIT	R	36310A	E-338	
20934A			1CACD2G	MP0433 CONTROL CIRCUIT	R	36310A	E-338	A
21079			1PAC108A	MP0433 POWER TO ACD2 CIRCUIT	R	36307A	E-338	
21246A			1PD1P06A	CONTROL POWER TO TRANSFER SWGR-2 ACD2	R	46198C	E-338	
21246B					R	46198A	E-338	
21081			2CACD3B	MP0433 CONTROL CIRCUIT	R	36411A	E-338	
21113B			2CACD3F	MP0433 CONTROL CIRCUIT	R	36411A	E-338	
21144A			2CACD3G	MP0433 CONTROL CIRCUIT	R	36411A	E-338	A
21144			2CAD108D	MP0433 CONTROL CIRCUIT	R	36411A	E-338	
21228F			2CAD108K	MP0433 CONTROL CIRCUIT	R	36204A (A)	E-337, 338	14 D
21242			2PAD108A	MP0433 POWER TO ACD3 CIRCUIT	R	36407A	E-338	
21246E			2PD2P06A	CONTROL POWER TO TRANSFER SWGR 3-ACD3	R	36342B	E-338	
21246F					R	36342A	E-338	
21244			3PACD1A	MP0433 POWER CIRCUIT	R	36203A	E-337, 338	
21250			ACD1	MP0433 TRANSFER SWITCH (CH. 3)	R		E-338	
21251	ACD2	MP0433 TRANSFER SWITCH (CH. 1)	R		E-338			
21252	ACD3	MP0433 TRANSFER SWITCH (CH. 2)	R		E-338			
32052	ESSPWR	C3628	1CY108AC	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338	
32052G			1CY108B	CTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338	
33750		C3629	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338	
31819	C3630	C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338	
31826			1CY108B	CTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338	
32115			2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338	
32121			2CY208B	CTRL PWR TO INST ELEC RACK ENCL C3629	R	36272A	E-338	
26100		CD	CD	4.16KV TRANSFER SWGR CD	R		E-349-1	
27802		DBC1PN	1PBEB1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	R	36078A	E-338	
28102		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	R	36206A	E-338	
29604C		E12E	1PBEB1234A	BE1234 POWER CIRCUIT	R	46087A*	E-343	
27347M		RC3602	2CD2P21B	CONTROL POWER TO RC3602	R	36810A	E-338	
27291		RC3608	2CD2P21B	CONTROL POWER TO RC3602	R	36810A	E-338	
27143		RC3702	2CD2P21B	CONTROL POWER TO RC3602	R	36810A	E-338	
44156G	MUPS	P-371D	ACBE1192L	MPO371D CONTROL CIRCUIT	R	36312A	E-338	3 A
44171E			ACBE1192M	MPO371D CONTROL CIRCUIT	R	36312A	E-338	3 A
44615E		P37-1	ACAC105L	MPO371A CONTROL CIRCUIT	R	36312A	E-338	3 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44623E	MUPS	P37-1	ACAC105M	MP0371A CONTROL CIRCUIT	R	36312A	E-338	3 A
44664E			ACAC105N	MP0371A CONTROL CIRCUIT	R	36312A	E-338	3 A
45805	NNI	FYI-HP03A	2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	R	36207A	E-338	
45811			2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	R	36270A	E-338	
45812			C3629	FYIHP03A CONTROL CABINET (CH. 2)	R		E-338	
45907		FYI-HP03A1	2LHP03AA	FYIHP03A1 FLOW INDICATION CIRCUIT	R	36207A	E-338	
45900			2LHP03AC	FYIHP03A1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
45901					R	36337B	E-338	
45908			C3629	FYIHP03A1 CONTROL CABINET (CH. 2)	R		E-338	
45909			C3630	FYIHP03A1 AUX. S/D PANEL (CH. 2)	R		E-338	
45910			FYIHP03A1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
46000		FYI-HP03B	2LHP03BA	FYIHP03B FLOW INDICATION CIRCUIT	R	36207A	E-338	
46012			2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	R	36270A	E-338	
46013			C3629	FYIHP03B CONTROL CABINET (CH. 2)	R		E-338	
46102		FYI-HP03B1	2LHP03BA	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36207A	E-338	
46100			2LHP03BC	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
46101					R	36337B	E-338	
46108			C3629	FYIHP03B1 CONTROL CABINET (CH. 2)	R		E-338	
46109			C3630	FYIHP03B1 AUX. S/D PANEL (CH. 2)	R		E-338	
46110			FYIHP03B1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
46210		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	R	36273A	E-338	
46217			1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	R	37031A	E-338	
46218			C3628	FYIHP03C CONTROL CABINET (CH. 1)	R		E-338	
46311		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	R	36273A	E-338	
46300			1LHP03CC	FYIHP03C1 FLOW INDICATION CIRCUIT	R	36336A	E-338	
46301					R	36336B	E-338	
46312			C3628	FYIHP03C1 CONTROL CABINET (CH. 1)	R		E-338	
46313			C3630	FYIHP03C1 AUX S/D PANEL (CH. 1)	R		E-338	
46314			FYIHP03C1	HPI FLOW INDICATOR (ASP) (CH. 1)	R		E-338	
46401		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	R	36273A	E-338	
46416			1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	R	37031A	E-338	
46417			C3628	FYIHP03D CONTROL CABINET (CH. 1)	R		E-338	
46503		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	R	36273A	E-338	
46500			1LHP03DC	FYIHP03D1 FLOW INDICATION CIRCUIT	R	36336A	E-338	
46501					R	36336B	E-338	
46512			C3628	FYIHP03D1 CONTROL CABINET (CH. 1)	R		E-338	
46513			C3630	FYIHP03D1 AUX S/D PANEL (CH.1)	R		E-338	
46514			FYIHP03D1	HPI FLOW INDICATOR (ASP) (CH. 1)	R		E-338	
46607		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	R	36582B	E-338	
46611			C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL	R		E-338	
46612			LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338	
46704		LI-RC14-2	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	R	36591A	E-338	
46708			C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338	
46709			LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338	
46817		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	R	36582B	E-338	
46809			1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	R	36582A	E-338	
46821			C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL	R		E-338	
46823			LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338	
46913		LI-RC14-4	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	R	36591A	E-338	
46908			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	R	36591A	E-338	
46917			C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338	
46919			LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338	
47013		LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	R	36591A	E-338	
47008			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	R	36591A	E-338	
47017			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47020			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47104		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	R	36591A	E-338	
47108			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47109			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47418		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	R	36582B	E-338	
47410			1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	R	36582A	E-338	
47422			C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47425			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
47507		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	R	36582B	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
47511	NNI	LI-SP09B3	C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47512			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
48100		PI-6365A	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	R	36337A	E-338	
48101					R	36337B	E-338	
48102					R	36016A	E-338	
48110			2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	R	36337A	E-338	
48111					R	36337B	E-338	
48112					R	36016A	E-338	
48124			C3629	PT6365A, PI6365A,A1 CONTROL PANEL	R		E-338	
48200		PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	R	36337A	E-338	
48201					R	36337B	E-338	
48202					R	36016A	E-338	
48210			2LP6365AC	PT6365A, PI6365A1 INDICATING CIRCUIT	R	36337A	E-338	
48211					R	36337B	E-338	
48212			C3629	PT6365A, PI6365A,A1 CONTROL PANEL	R		E-338	
48213			C3630	PT6365A, PI6365A1 AUX S/D PANEL	R		E-338	
48216			PI6365A1	RCS LOOP 2 EXTD PRESS INDICATOR (CH. 2)	R		E-338	
48300		PI-6365B	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48301					R	36336B	E-338	
48302					R	C3630	E-338	
48303					R	36582A	E-338, 349	
48317			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	R	36336A	E-338	
48318					R	36336B	E-338	
48319					R	C3630	E-338	
48320					R	36582A	E-338, 349	
48345			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48400		PI-6365B1	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48401					R	36336B	E-338	
48402					R	C3630	E-338	
48403					R	36582A	E-338, 349	
48417			1LP6365BC	PT6365B, PI6365B1 INDICATING CIRCUIT	R	36336A	E-338	
48418					R	36336B	E-338	
48419			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48420			C3630	PT6365B, PI6365B1 AUX S/D PANEL	R		E-338	
48423			PI6365B1	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	R		E-353	
48913		PI-SP12A	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	R	36591A	E-338	
48908			2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	R	36591A	E-338	
48918			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
48923			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338	
49004		PI-SP12A1	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	R	36591A	E-338	
49009			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
49012			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338	
49219		PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	R	36582B	E-338	
49211			1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	R	36582A	E-338	
49225			C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338	
49230			PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	R		E-338	
49307		PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	R	36582B	E-338	
49313			C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338	
49316			PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH.1)	R		E-338	
49613		TI-RC3A4	2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	R	36591A	E-338	
49616			C3630	TE, TT, TI-RC3A4 AUX S/D PNL	R		E-338	
49622			TI-RC3A4	RCS LOOP 2 HOT LEG TEMP INDICATOR	R		E-338	
49915		TI-RC3B2	1LRPSB07B	TE, TT, TI-RC3B2 INDICATING CIRCUIT	R	36582A	E-338	
49918			C3630	TE, TT, TI-RC3B2 AUX S/D PNL	R		E-338	
49923			TI-RC3B2	RCS LOOP 1 HOT LEG TEMP INDICATOR	R		E-353	
57518	SFRCS	PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	R	36245A	E-338	
57612		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	R	36257A	E-338	
57715		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	R	36259A	E-338	
60613		RCPM3	1CRCPM31B	RCP MONITOR	R	36833A	E-338	
61060	SWS	P3-1	1CAC107G	MP0031 CONTROL CIRCUIT	R	36311A	E-338	14 D
61072			ACD4	MP0031 TRANSFER SWITCH (CH. 1)	R		E-338	D
61152		P3-2	2CAD107G	MP0032 CONTROL CIRCUIT	R	36412A	E-338	14 D
61162			ACD5	MP0032 TRANSFER SWITCH (CH. 2)	R		E-338	D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61248	SWS	P3-3	1CAC109E	MP0033 CONTROL CIRCUIT	R	36311A	E-338	14 D
61275			1CACD4D	MP0033 CONTROL CIRCUIT	R	36311A	E-338	
61248A			1CACD4F	MP0033 CONTROL CIRCUIT	R	36311A	E-338	A
61292			1PAC109A	MP0033 POWER CIRCUIT	R	36308A	E-338	
61381A			1PD1P08A	CONTROL POWER TO TRANSFER SWGR 4-ACD4	R	46198B	E-338	
61381B					R	46198A	E-338	
61297			2CACD5D	MP0033 CONTROL CIRCUIT	R	36412A	E-338	
61352A			2CACD5F	MP0033 CONTROL CIRCUIT	R	36412A	E-338	A
61352			2CAD109E	MP0033 CONTROL CIRCUIT	R	36412A	E-338	14 D
61374			2PAD109A	MP0033 POWER CIRCUIT	R	36408A	E-338	
61381E			2PD2P08A	CONTROL POWER TO TRANSFER SWGR 5-ACD5	R	36342C	E-338	
61381F					R	36342A	E-338	
61381			3PACD6A	MP0033 POWER CIRCUIT	R	36201A	E-337	
61383			ACD4	MP0033 TRANSFER SWITCH (CH. 1)	R		E-338	
61384			ACD5	MP0033 TRANSFER SWITCH (CH. 2)	R		E-338	
61385			ACD6	MP0033 TRANSFER SWITCH (CH. 3)	R		E-338	
61679E		SW1358	2CV1358BH	SV1358 CONTROL CIRCUIT	R	46072A*	E-343, 344	
61699E			2CV1358BJ	SV1358 CONTROL CIRCUIT	R	46072A*	E-343, 344	
61928		SW1367	2PBF1223A	MV1367 POWER CIRCUIT	R	46147A	E-338	
62043E		SW1368	2CBF1224B	MV1368 CONTROL CIRCUIT	R	46072A*	E-343, 344	
62433		SW1382	1CBE1218G	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62490			1CSD03A	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62510			C3630	MV1382 AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
62617		SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62707			2CSD04A	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62721			C3630	MV1383 AUX SHUTDOWN PANEL (CH. 2)	R		E-338	
63134		SW1429	1CV1429G	SV1429 CONTROL CIRCUIT	R	36310A	E-338	
63167			2CV1429G	SV1429 CONTROL CIRCUIT	R	36411A	E-338	
63174			3CV1429A	SV1429 CONTROL CIRCUIT	R	36205A	E-338	
63175					R	36205D	E-338	
63182			3CV1429B	SV1429 CONTROL CIRCUIT	R	36205A	E-338	
63183					R	36205C	E-338	
63188			ACD2	SV1429 TRANSFER SWITCH (CH. 1)	R		E-338	
63189			ACD3	SV1429 TRANSFER SWITCH (CH. 2)	R		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00103	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	S	36085B	E-338	
00104					S	JB3607	E-338	
00105					S	36085A	E-338	
00106					S	1CGC	E-338	
00107					S	36356B	E-338	
00120			1CD107E	MV3870 CONTROL CIRCUIT	S	36085B	E-338, 337	
00121					S	JB3607	E-338	
00122					S	36085A	E-338	
00123					S	1CGC	E-338	
00124					S	36357D	E-338	
00851		AF6452	1CLC6452A	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00800			1CLC6452C	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00821			1CLC6452D	AF6452 CONTROL CIRCUIT	S	36982A	E-338	
00822					S	1CGC	E-338	
00823					S	36090A	E-338, 418	
00824					S	JB3607	E-338	
00825					S	36090B	E-338	
00856			1CLC6452J	AF6452 CONTROL CIRCUIT	S	36142A	E-338	
00857					S	1CGC	E-338	
00858					S	36091A	E-338, 351-1, 418	
00859					S	JB3607	E-338	
00861					S	36091B	E-338	
00868			1CLC6452K	AF6452 CONTROL CIRCUIT	S	36142A	E-338	
00869					S	1CGC	E-338	
00870					S	36091A	E-338	
00870A					S	JB3607	E-338, 351-1	
00806			1LLC6452B	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00807					S	JB3698	E-338	
00808					S	36081B	E-338	
00840			1LLC6452E	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00841					S	JB3698	E-338	
00842					S	36081B	E-338	
00834			1LLC6452G	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00835					S	JB3698	E-338	
00836					S	36081B	E-338	
00889			C3645	AF6452 CONTROL CABINET (CH 1)	S		E-337	
01016		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01017					S	1CGC	E-338	
01018					S	36090A	E-338, 418	
01019					S	JB3607	E-338	
01020					S	36090B	E-338	
01000			1CLC6459H	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01001					S	1CGC	E-338	
01002					S	36090A	E-338, 418	
01003					S	JB3607	E-338	
01004					S	36090B	E-338	
01048			1LLC6459A	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01049					S	JB3698	E-338	
01050					S	36081B	E-338	
01032			1LLC6459C	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01033					S	JB3698	E-338	
01034					S	36081B	E-338	
01039			1LLC6459E	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01040					S	JB3698	E-338	
01063			C3645	FW6459 CONTROL CABINET (CH 1)	S		E-337	
01303		ICS038B	1CAFPPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	S	36091B	E-338	
01304					S	JB3607	E-338, 418	
01305					S	36091A	E-418	
01306					S	1CGC	E-338	
01307					S	36357A	E-338	
01321			1CAFPPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	S	36083B	E-338	
01322					S	JB3607	E-338, 418	
01323					S	36083A	E-418	
01324					S	36356A	E-338	
01325					S	1CGC	E-338	
01330			1CAFPPT01C	ICS038B CONTROL CDE-12A-1 TO C3630	S	36142A	E-338	
01331					S	1CGC	E-338	
01332					S	36357A	E-338	
01339			1CAFPPT01M	ICS038B 24V DC POWER C3630 TO JT2703	S	36088B	E-338	
01340					S	JB3607	E-338, 418	
01341					S	36091A	E-418	
01342					S	1CGC	E-338	
01343					S	36142A	E-338	
01348			1CAFPPT01P	ICS038B CONTROL CIRCUIT	S	36356B	E-338	
01349					S	1CGC	E-338	
01350					S	36090A	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
01351	AFWS	ICS038B	1CAFPT01P	ICS038B CONTROL CIRCUIT	S	JB3607	E-338		
01352					S	36088B	E-338		
01358				1CSD07A	ICS038B CONTROL CIRCUIT	S	36142A	E-338	
01359					S	1CGC	E-338		
01360					S	36357A	E-338		
01416	MS106		1CD135B	MS106 CONTROL CIRCUIT	S	36041A	E-338		
01417					S	1CGC	E-338		
01418					S	36357B	E-338		
01462				1CD135H	MV106 CONTROL CIRCUIT	S	36085B	E-338	
01463					S	JB3607	E-338		
01464					S	36085A	E-338		
01465					S	1CGC	E-338		
01466					S	36357B	E-338		
01509				1CD135L	MV106 CONTROL CIRCUIT	S	JB3607	E-338	
01510					S	36085A	E-338		
01511					S	1CGC	E-338		
01512					S	36357B	E-338		
02425	P241		BCAD210F	MP2410 CONTROL CIRCUIT	S	36126D	E-338, 351-2		
17434F	CACS	C1-1	1PBE1401A	MC0011 POWER CIRCUIT	S	46098A*	E-343		
17438F				1PBE1401B	MC0011 POWER CIRCUIT	S	46097A*	E-343	
17629A	C1-3		1PBE1501A	MC0013 POWER CIRCUIT	S	46077A*	E-343		
17633A				1PBE1501B	MC0013 POWER CIRCUIT	S	46076A*	E-343	
17664A				2PBF1501A	MC0013 POWER CIRCUIT	S	46078A*	E-343	
17668A				2PBF1501B	MC0013 POWER CIRCUIT	S	46079A*	E-343	
17675G				3PBEF15A	MC0013 POWER CIRCUIT	S	46071A*	E-343, 344	
17680A				3PBEF15B	MC0013 POWER CIRCUIT	S	46069A*	E-343	
18913	CCWS	CC2645	1CBEL161G	MV2645 CONTROL CIRCUIT	S	36525A	E-338		
18914					S	1CGZ	E-338		
18915					S	36083A	E-338		
18916					S	1CGC	E-338		
18917					S	JB3607	E-338		
18918					S	36083B	E-338		
18925				1CBEL161H	MV2645 CONTROL CIRCUIT	S	36515A	E-338	
18926					S	36525A	E-338		
18927					S	1CGZ	E-338		
18928				1CBEL161I	MV2645 CONTROL CIRCUIT	S	36209A	E-338	
18929					S	1CGZ	E-338		
18930					S	36086A	E-338, 418		
18931					S	1CGC	E-338, 418		
18932					S	JB3607	E-338, 418		
18933					S	36086B	E-338		
18948				1CCCW001A	MV2645 CONTROL CIRCUIT	S	36525B	E-338	
18949					S	36209A	E-338		
18950					S	1CGZ	E-338		
18958				1CCCW001B	MV2645 CONTROL CIRCUIT	S	36010A	E-338	
18959					S	1CGC	E-338		
18960					S	36525A	E-338		
18961			S	1CGZ	E-338				
18969		1CCCW001C	MV2645 CONTROL CIRCUIT	S	36010A	E-338			
18970			S	1CGC	E-338				
18971			S	36525A	E-338				
18972			S	1CGZ	E-338				
18995		AC108	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338			
18996		AC113	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338			
19007		RC3607	MV2645 RELAY CABINET (CH. 1)	S		E-338			
19707	CC5095		1CBEL226B	MV5095 CONTROL CIRCUIT	S	36090B	E-338		
19708					S	JB3607	E-338, 418		
19709					S	36090A	E-338, 418		
19710					S	1CGC	E-338		
19711					S	36356A	E-338		
19729				1CBEL226G	MV5095 CONTROL CIRCUIT	S	36525A	E-338	
19730					S	1CGZ	E-338		
19731					S	1CGC	E-338		
19732					S	36357A	E-338		
19736				1CBEL226H	MV5095 CONTROL CIRCUIT	S	36515C	E-338	
19737					S	36525A	E-338		
19738					S	1CGZ	E-338		
19739				1CBEL226I	MV5095 CONTROL CIRCUIT	S	36209A	E-338	
19740					S	1CGZ	E-338		
19741					S	36090A	E-338, 418		
19742					S	1CGC	E-338, 418		
19743					S	JB3607	E-338, 418		
19744					S	36090B	E-338		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19764	CCWS	CC5095	1CCCW001A	MV5095 CONTROL CIRCUIT	S	36525B	E-338	
19765					S	36209A	E-338	
19766					S	1CGZ	E-338	
19774			1CCCW001B	MV5095 CONTROL CIRCUIT	S	36010A	E-338	
19775					S	1CGC	E-338	
19776					S	36525A	E-338	
19777					S	1CGZ	E-338	
19785			1CCCW001C	MV5095 CONTROL CIRCUIT	S	36010A	E-338	
19786					S	1CGC	E-338	
19787					S	36525A	E-338	
19788					S	1CGZ	E-338	
19818			AC108	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19819			AC113	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19830			RC3607	MV5095 RELAY CABINET (CH. 1)	S		E-338	
20103		CC5097	1CBEL227B	MV5097 CONTROL CIRCUIT	S	36356A	E-338	
20104					S	1CGC	E-338	
20105					S	36090A	E-338, 418	
20106					S	JB3607	E-338, 418	
20107					S	36090B	E-338	
20133			1CBEL227G	MV5097 CONTROL CIRCUIT	S	36356A	E-338	
20134					S	1CGC	E-338	
20135					S	36525A	E-338	
20136					S	1CGZ	E-338	
20137			1CBEL227H	MV5097 CONTROL CIRCUIT	S	1CGZ	E-338	
20138					S	36525A	E-338	
20139					S	36515C	E-338	
20148			1CBEL227I	MV5097 CONTROL CIRCUIT	S	36090B	E-338	
20149					S	JB3607	E-338, 418	
20150					S	36090A	E-338, 418	
20151					S	1CGC	E-338, 418	
20152					S	36209A	E-338	
20153					S	1CGZ	E-338	
20165			1CCCW001A	MV5097 CONTROL CIRCUIT	S	36209A	E-338	
20166					S	1CGZ	E-338	
20167					S	36525B	E-338	
20169			1CCCW001B	MV5097 CONTROL CIRCUIT	S	36525A	E-338	
20170					S	1CGZ	E-338	
20174					S	36010A	E-338	
20175					S	1CGC	E-338	
20179			1CCCW001C	MV5097 CONTROL CIRCUIT	S	36525A	E-338	
20180					S	1CGZ	E-338	
20181					S	1CGC	E-338	
20182					S	36010A	E-338	
20218			AC108	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20219			AC113	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20230			RC3607	MV5097 RELAY CABINET (CH. 1)	S		E-338	
26825H		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	S	36090B	E-338	
26825I					S	JB3607	E-338, 418	
26825J					S	36090A	E-338, 418	
26825K					S	1CGC	E-338	
26825L					S	36356B	E-338	
26826H		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	S	36090B	E-338	
26826I					S	JB3607	E-338, 418	
26826J					S	36090A	E-338, 418	
26826K					S	1CGC	E-338	
26826L					S	36356B	E-338	
20511		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	S	36080B	E-338	
20512					S	JB3607	E-338, 418	
20513					S	36080A	E-338, 418	
20514					S	1CGC	E-338, 418	
20515					S	36525A	E-338	
20516					S	1CGZ	E-338	
20528			1CAC113C	MP0431 CONTROL CIRCUIT	S	36080B	E-338	
20529					S	JB3607	E-338, 418	
20530					S	36080A	E-338, 418	
20531					S	1CGC	E-338, 418	
20532					S	36525A	E-338	
20533					S	1CGZ	E-338	
20553			1CAC113E	MP0431 CONTROL CIRCUIT	S	36080B	E-338	
20554					S	JB3607	E-338, 418	
20555					S	36080A	E-338, 418	
20556					S	1CGC	E-338, 418	
20557					S	36525A	E-338	
20558					S	1CGZ	E-338	
20559			1CAC113F	MP0431 CONTROL CIRCUIT	S	36515A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP			
20560	CCWS	P43-1	1CAC113F	MP0431 CONTROL CIRCUIT	S	36525A	E-338				
20561						S	1CGZ	E-338			
20584					1CAC113M	MP0431 CONTROL CIRCUIT	S	36209A	E-338		
20585							S	36525A	E-338		
20586							S	1CGZ	E-338		
20587					1CAC113N	MP0431 CONTROL CIRCUIT	S	36501A	E-338		
20588							S	36525A	E-338		
20589							S	1CGZ	E-338		
20595					1CAC113O	MP0431 CONTROL CIRCUIT	S	36040A	E-337		
20596							S	1CGC	E-337		
20597							S	36525A	E-338		
20598							S	1CGZ	E-338		
20599					1CCCW001A	MP0431 CONTROL CIRCUIT	S	36525B	E-338		
20600							S	36209A	E-338		
20601							S	1CGZ	E-338		
20609					1CCCW001B	MP0431 CONTROL CIRCUIT	S	36010A	E-338		
20610							S	1CGC	E-338		
20611							S	36525A	E-338		
20612							S	1CGZ	E-338		
20620					1CCCW001C	MP0431 CONTROL CIRCUIT	S	36010A	E-338		
20621							S	1CGC	E-338		
20622							S	36525A	E-338		
20623							S	1CGZ	E-338		
20624					1PAC113A	MP0431 POWER CIRCUIT	S	36011A	E-337		
20627					AC101	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338		
20628					AC108	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338		
20629					AC113	MP0431 CIRCUIT BREAKER (CH. 1)	S		E-338		
20639					RC3607	MP0431 RELAY CABINET (CH. 1)	S		E-338		
20911			P43-3		1CAC108B	MP0433 CONTROL CIRCUIT	S	36080B	E-338		
20912								S	JB3607	E-338, 418	
20913								S	36080A	E-338, 418	
20914								S	1CGC	E-338, 418	
20915								S	36515A	E-338	
20916						S	1CGZ	E-338			
20928					1CAC108C	MP0433 CONTROL CIRCUIT	S	36080B	E-338	A	
20929							S	JB3607	E-338, 418	A	
20930							S	36080A	E-338, 418	A	
20931							S	1CGC	E-338, 418	A	
20932							S	36515A	E-337	A	
20933							S	1CGZ	E-338	A	
20935					1CAC108D	MP0433 CONTROL CIRCUIT	S	36310A	E-338	D	
20936							S	1CGC	E-338	D	
20937							S	36515A	E-338	D	
20938							S	1CGZ	E-338	D	
20998					1CAC108H	MP0433 CONTROL CIRCUIT	S	36080B	E-338		
20999							S	JB3607	E-338, 418		
21000							S	36080A	E-338, 418		
21001							S	1CGC	E-338, 418		
21002							S	36515B	E-338		
21003							S	1CGZ	E-338		
21015					1CAC108I	MP0433 CONTROL CIRCUIT	S	36080B	E-338		
21016							S	JB3607	E-338, 418		
21017							S	36080A	E-338, 418		
21018							S	1CGC	E-338, 418		
21019							S	36515A	E-338		
21020							S	1CGZ	E-338		
21025					1CAC108J	MP0433 CONTROL CIRCUIT	S	36040A	E-338		
21026							S	1CGC	E-338		
21027							S	36515C	E-338		
21028							S	1CGZ	E-338		
21038					1CAC108K	MP0433 CONTROL CIRCUIT	S	36090B	E-338		
21039					S	JB3607	E-338, 418				
21040					S	36090A	E-338, 418				
21041					S	1CGC	E-338, 418				
21042					S	36515D	E-338				
21043					S	1CGZ	E-338				
21044			1CAC108L	MP0433 CONTROL CIRCUIT	S	36525A	E-338				
21045					S	36515C	E-338				
21046					S	1CGZ	E-338				
21047			1CAC108M	MP0433 CONTROL CIRCUIT	S	36501A	E-338				
21048					S	36515C	E-338				
21049					S	1CGZ	E-338				
21053			1CACD2B	MP0433 CONTROL CIRCUIT	S	36515A	E-338				
21054					S	1CGZ	E-338				
21055					S	36310A	E-338				
21056					S	1CGC	E-338				
21069			1CACD2C	MP0433 CONTROL CIRCUIT	S	36083B	E-338				
21070					S	JB3607	E-338, 418				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21071	CCWS	P43-3	1CACD2C	MP0433 CONTROL CIRCUIT	S	36083A	E-338, 418	
21071A					S	1CGC	E-338	
21072					S	36515B	E-338	
21073					S	1CGZ	E-338	
21074			1CACD2F	MP0433 CONTROL CIRCUIT	S	36515D	E-338	
21075					S	1CGZ	E-338	
21076					S	36310A	E-338	
21077					S	1CGC	E-338	
20935A			1CACD2G	MP0433 CONTROL CIRCUIT	S	36310A	E-338	A
20936A					S	1CGC	E-338	A
20937A					S	36515A	E-338	A
20938A					S	1CGZ	E-338	A
21080			1PAC108A	MP0433 POWER TO ACD2 CIRCUIT	S	36307A	E-338	
21246C			1PDI06A	CONTROL POWER TO TRANSFER SWGR-2 ACD2	S	46198A	E-338	
21247			AC101	MP0433 CIRCUIT BREAKER (INTLK)	S		E-338	
21248			AC108	MP0433 CIRCUIT BREAKER (CH. 1)	S		E-338	
21249			AC113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
21271			RC3607	MP0433 RELAY CABINET (CH. 1)	S		E-338	
21726	CREVS	S33-1	1CCEAC1C	MS3311 CONTROL CIRCUIT	S	36079B	E-338	
21727					S	JB3607	E-338, 418	
21728					S	36079A	E-338, 418	
21729					S	36356B	E-338	
21730					S	1CGC	E-338	
24310	DHRS	P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	S	JB3607	E-338	
24311					S	36086A	E-338	
24312					S	1CGC	E-338	
24313					S	36523A	E-338	
24314					S	1CGZ	E-338	
24325			1CAC112C	MP0421 CONTROL CIRCUIT	S	JB3607	E-338	
24326					S	36086A	E-338	
24327					S	1CGC	E-338	
24328					S	36523A	E-338	
24329					S	1CGZ	E-338	
24335			1CAC112E	MP0421 CONTROL CIRCUIT	S	36008	E-338	
24336					S	36523A	E-338	
24337					S	1CGZ	E-338	
24347			1CAC112F	MP0421 CONTROL CIRCUIT	S	36086B	E-337	
24348					S	JB3607	E-338	
24349					S	36086A	E-338	
24350					S	1CGC	E-338	
24351					S	36523A	E-338	
24352					S	1CGZ	E-338	
24356			1PAC112A	MP0421 POWER CIRCUIT	S	36009A	E-338	
24358			AC112	MP0421 CIRCUIT BREAKER (CH. 1)	S		E-338	
24513	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	S	36086B	E-337, 342	
24514					S	JB3607	E-338, 418	
24515					S	36086A	E-338, 418	
24516					S	36075A	E-338	
24517					S	1CGC	E-338	
24532			1CGD104C	SV 1147A/B CONTROL CIRCUIT	S	36086B	E-338	
24533					S	JB3607	E-338, 418	
24534					S	36086A	E-338, 418	
24535					S	36075A	E-338	
24536					S	1CGC	E-338	
24551			1CGD104E	SV1147A/B CONTROL CIRCUIT	S	36091B	E-338	
24552					S	JB3607	E-338, 418	
24555					S	36091A	E-338, 418	
24556					S	36041A	E-338	
24557					S	1CGC	E-338	
24712		K5-1	1CGD101G	EDG 1-1 CONTROL CIRCUIT	S	36501A	E-338	
24713					S	1CGZ	E-338	
24714					S	1CGC	E-338	
24715					S	36040A	E-338	
24727			1CGD101J	EDG 1-1 CONTROL CIRCUIT	S	36505A	E-338	
24728					S	1CGZ	E-338	
24729					S	1CGC	E-338	
24730					S	36040A	E-338	
24737			1CGD101K	EDG 1-1 CONTROL CIRCUIT	S	1CGZ	E-338	
24738					S	1CGC	E-338	
24739					S	36040A	E-338	
24755			1CGD101L	EDG 1-1 CONTROL CIRCUIT	S	JB3607	E-338	
24756					S	36083A	E-338	
24757					S	1CGC	E-338	
24758					S	36075A	E-338	
24773			1CGD101N	EDG 1-1 CONTROL CIRCUIT	S	JB3607	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24774	EDG	K5-1	1CGD101N	EDG 1-1 CONTROL CIRCUIT	S	36083A	E-338	
24775					S	1CGC	E-338	
24776					S	36075A	E-338	
24792			1CGD102A	EDG 1-1 CONTROL CIRCUIT	S	36040A	E-338	
24793					S	1CGZ	E-338	
24795					S	36501A	E-338	
25844			1CGD103B	27/C1, 27A/C1 CONTROL CIRCUIT	S	36503A	E-338, 351-1	
25845					S	36519A	E-338, 351-1	
25846					S	1CGZ	E-338, 351-1	
25847			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT	S	36505A	E-338, 351-1	
25848					S	1CGZ	E-338, 351-1	
25849					S	1CGC	E-338	
25850					S	36040A	E-338	
25861			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	S	36040A	E-338	
25862					S	1CGC	E-338	
25863					S	36519A	E-338, 351-1	
25864					S	1CGZ	E-338, 351-1	
25875			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	S	36083B	E-338	
25876					S	JB3607	E-338, 418	
25877					S	36083A	E-338, 418	
25878					S	1CGC	E-338	
25879					S	36075A	E-338	
25894			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	S	36083B	E-338	
25895					S	JB3607	E-338, 418	
25896					S	36083A	E-338, 418	
25897					S	1CGC	E-338	
25898					S	36075A	E-338	
25909			1CGD103G	27/C1, 27A/C1 CONTROL CIRCUIT	S	36040A	E-338	
25910					S	1CGC	E-338	
25911					S	36501A	E-338	
25912					S	1CGZ	E-338	
25912A			1CGD103H	27/C1, 27A/C1 CONTROL CIRCUIT	S	JB3607	E-338	
25912B					S	36289A	E-338	
25912C					S	1CGC	E-338	
25912D					S	1CGZ	E-338	
25912E					S	36527A	E-338	
25912J			1CGD103I	27/C1, 27A/C1 CONTROL CIRCUIT	S	36075A	E-338	
25912K					S	1CGC	E-338	
25912L					S	36083A	E-338	
25912M					S	JB3607	E-338	
24821			1CGD105A	EDG 1-1 CONTROL CIRCUIT	S	36083B	E-338	
24822					S	JB3607	E-338, 418	
24823					S	36083A	E-338, 418	
24824					S	36075A	E-338	
24825					S	1CGC	E-338	
24849			1CGD106A	EDG 1-1 CONTROL CIRCUIT	S	36083B	E-338	
24850					S	JB3607	E-338, 418	
24851					S	36083A	E-338, 418	
24852					S	1CGC	E-338	
24853					S	36075A	E-338	
24881A			1CGD108A	FIELD FLASH/SHORTING CIRCUITS	S	36501A	E-338, 351-1	
24881B					S	1CGZ	E-338, 351-1	
24881C					S	1CGC	E-338	
24881D					S	36041A	E-338, 351-1	
24881E					S	36041B*	E-337	
24872			AC101	EDG 1-1 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
24873			AC103	EDG 1-1 SWGR C1 CUBICLE	S		E-338	
25296H		P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	S	36043A	E-338	
25296I					S	ACGH	E-338	
25296J					S	ACGB	E-338	
25296K					S	ACGF	E-338	
25297B			ACBE1257L	MP8-1 CONTROL CIRCUIT	S	36043A	E-338	
25297C					S	ACGH	E-338	
25297D					S	ACGB	E-338	
25297E					S	ACGF	E-338	
25710	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	S	JB3607	E-338	
25711					S	36079A	E-338	
25712					S	1CGC	E-338	
25713					S	36503A	E-338	
25714					S	1CGZ	E-338	
25720			1CABDC1D	ABDC1 CONTROL CIRCUIT	S	36040A	E-338	
25721					S	1CGC	E-338	
25722					S	36503A	E-338	
25723					S	1CGZ	E-338	
25730			1CABDC1L	ABDC1 CONTROL CIRCUIT	S	JB3607	E-338	
25731					S	36079A	E-338	
25732					S	1CGC	E-338	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25733	ESSPWR	C1	1CABDC1L	ABDC1 CONTROL CIRCUIT	S	36503A	E-338	
25734					S	1CGZ	E-338	
25750			1CAC101C	AC101 CONTROL CIRCUIT	S	36083B	E-338	
25751					S	JB3607	E-338, 418	
25752					S	36083A	E-338, 418	
25753					S	1CGC	E-338, 418	
25754					S	36501A	E-338	
25755					S	1CGZ	E-338	
25766			1CAC101D	AC101 CONTROL CIRCUIT	S	36083B	E-338	
25767					S	JB3607	E-338, 418	
25768					S	1CGC	E-338, 418	
25769					S	36083A	E-338, 418	
25770					S	1CGC	E-338, 418	
25771					S	36501A	E-338	
25772					S	1CGZ	E-338	
25778			1CAC101F	AC101 CONTROL CIRCUIT	S	36040B	E-338	
25779					S	36040A	E-338	
25780					S	1CGC	E-338	
25781					S	36501A	E-338	
25782					S	1CGZ	E-338	
25787			1CAC101G	AC101 CONTROL CIRCUIT	S	36075B	E-338	
25788					S	36075A	E-338	
25789					S	1CGC	E-338	
25790					S	36501A	E-338	
25791					S	1CGZ	E-338	
25805			1CAC1033A	SWGR C1 CONTROL	S	JB3607	E-338	
25806					S	36083A	E-338	
25807					S	1CGC	E-338	
25808					S	36505A	E-338	
25809					S	1CGZ	E-338	
25820			1CAC1033B	SWGR C1 CONTROL	S	JB3607	E-338	
25821					S	36083A	E-338	
25822					S	1CGC	E-338	
25823					S	36505A	E-338	
25824					S	1CGZ	E-338	
25825			1CAC1033C	SWGR C1 CONTROL CIRCUIT	S	36519A	E-338	
25826					S	36505A	E-338	
25827					S	1CGZ	E-338	
25838			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	S	36084B	E-338	
25839					S	JB3607	E-338, 418	
25840					S	36090A	E-338, 418	
25841					S	1CGC	E-338, 418	
25842					S	36501C	E-338	
25843					S	1CGZ	E-338	
25917			1PAC101A	AC101 POWER CIRCUIT	S	36001B	E-338	
25922			1PAC101B	AC101 POWER CIRCUIT	S	36003B	E-338	
26502A			1PD1P05A	CONTROL POWER TO SWGR BUS C1 (AC113)	S	46648A	E-338	
26501			3PD1N05A	CONTROL POWER TO SWGR BUS C1 (AC113)	S	46650A	E-338	
25923			AC101	4.16KV ES SWGR BUS C1 BREAKER (CH. 1)	S		E-338	
25924			AC103	SWGR C1 CUBICLE	S		E-338	
25925			C1	4.16KV ESSEN SWGR BUS C1 (CH. 1)	S		E-338	
26010		C2	1CAC110C	AC110 CONTROL CIRCUIT	S	36079B	E-338	
26011					S	JB3607	E-338, 418	
26012					S	36079A	E-338, 418	
26013					S	1CGC	E-338, 418	
26014					S	36519A	E-338	
26015					S	1CGZ	E-338	
26021			1CAC110D	AC110 CONTROL CIRCUIT	S	36040B	E-337	
26022					S	36040A	E-338	
26023					S	1CGC	E-338	
26024					S	36519A	E-338	
26025					S	1CGZ	E-338	
26060F			AACC2	BUS C2 TIE BREAKER AAC2	S		E-351-1	
26026			AC110	4.16KV ESSEN SWGR C1 BREAKER (CH. 1)	S		E-338	
26027			AC203	SWGR C2 CUBICLE	S		E-338	
25940			ACAACC2A	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25941					S	ACGF	E-338, 351-1	
25942					S	ACGB	E-338, 351-1	
25943					S	ACGH	E-338, 351-1	
25944					S	36575A	E-338, 351-1	
26060A					S	36537A	E-351-1, 338	
26060B					S	ACGF	E-351-1, 338	
26060C					S	ACGB	E-338	
26060D					S	ACGH	E-338, 351-1	
26060E					S	36575A	E-338, 351-1	
25945			ACAACC2B	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25946					S	AGGF	E-338, 351-1	
25947					S	ACGB	E-338, 351-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
25948	ESSPWR	C2	ACAACC2B	BACKFEED CONTROL CIRCUIT E34B/1	S	ACGH	E-338, 351-1			
25949						S	36351A	E-338, 351-1		
25950					ACAACC2C	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25951							S	ACGF	E-338, 351-1	
25959					ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1	
25960							S	ACGF	E-338, 351-1	
25961							S	ACGB	E-338, 351-1	
25962							S	ACGH	E-338, 351-1	
25963							S	36043A	E-338	
25968					ACAACC2E	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25969							S	ACGF	E-338, 351-1	
25970							S	36502A	E-338, 351-1	
25971					ACAACC2F	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25972							S	ACGF	E-338, 351-1	
25973							S	36504A	E-338, 351-1	
25974					ACAACC2G	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25975							S	ACGF	E-338, 351-1	
25976							S	36518A	E-338, 351-1	
25977					ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1	
25978							S	ACGF	E-338, 351-1	
25986					ACAACC2I	BACKFEED CONTROL CIRCUIT E34B/1	S	36538A	E-358, 351-1	
25987							S	ACGG	E-358, 351-1	
25988							S	ACGF	E-358, 351-1	
25989							S	36518A	E-358, 351-1	
26060K					ACAC2031A	BKR AMMETER AND TRIP AC110	S	36531A	E-351-1	A
26060M							S	ACGF	E-338	A
26035					ACAC2032A	SWGR C2 CONTROL CIRCUIT	S	36531A	E-338	
26036							S	ACGF	E-338	
26037					ACAC2032B	SWGR C2 CONTROL CIRCUIT	S	36381A	E-338	
26038							S	36601A	E-338	
26039							S	ACGJ	E-338	
26040							S	36531A	E-338	
26041							S	ACGF	E-338	
26045					ACAC2032C	SWGR C2 CONTROL CIRCUIT	S	36043A	E-338	
26046							S	ACGH	E-338	
26047							S	ACGB	E-338	
26048					S	36531A	E-338			
26049					S	ACGF	E-338			
26060H			ACAC2033B	BKR AMMETER AND TRIP AC110	S	36518A	E-351-1	A		
26060I					S	ACGF	E-338	A		
26060J					S	36531A	E-351-1	A		
26053B			APDAN07A	125V DC CONTROL POWER TO SWGR C2	S	46651A	E-338			
26053D					S	46649A	E-338			
26050			C2	4.16KV ESSEN SWGR BUS C2 (CH. 2)	S		E-338			
26051			C3610	SWGR C2 CONTROL CABINET	S		E-338			
26060G			HAAC	BUS C2 TIE BREAKER HAAC	S		E-351-1			
26512C		C3615	1PD1P09A	CONTROL POWER TO DG1Y PANEL C3615	S	36076A	E-338			
31905			1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	S	36076A	E-338			
26508			3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	S	36002F	E-338			
32410			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	S	36002F	E-338			
32052A		C3628	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	S	36142A	E-338			
32052B					S	1CGC	E-338			
32052C					S	36357A	E-338			
31820		C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	S	36142A	E-338			
31821					S	1CGC	E-338			
31822					S	36357A	E-338			
32003		C3645	1CY104AA	Y1A CONT POWER TO C3645 (AP6452 FO)	S	36357D	E-338			
32004					S	1CGC	E-338			
32005					S	36982A	E-338			
32031		C4808	1CY108AA	CONTROL POWER FROM Y1A	S	36357D	E-338			
32032					S	1CGC	E-338			
32033					S	36289A	E-338			
32034					S	JB3607	E-338			
32035					S	36080B	E-337, 338, 342			
31876		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	S	36086B	E-338			
31877					S	JB3607	E-338, 418			
31878					S	36086A	E-338, 418			
31879					S	1CGC	E-338			
31880					S	36356A	E-338			
27050H		D2	BCABDD2A	CNTRL CIRCUIT TO E32B/7 HAAC (BACKFEED)	S	36451A	E-338			
27050C			CABLEBUS	BACKFEED C1 CABLE TO ABDD2 (C1)	S	CABL BUS	E-410			
27052K			HAAC	BUS A BREAKER FOR XFMR XAC	S		E-338			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID NO.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27801	ESSPWR	DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	S	36078A	E-338	
28610		E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	S	36080B	E-338	
28611					S	JB3607	E-338, 418	
28612					S	36080A	E-338, 418	
28613					S	1CGC	E-338, 418	
28614					S	36507A	E-338	
28615					S	1CGZ	E-338	
28619			1CAC11CEE	AC1CE11 CONTROL CIRCUIT	S	36356A	E-338	5 D
28620					S	1CGC	E-338	5 D
28621					S	36507A	E-338	5 D
28622					S	1CGZ	E-338	5 D
28633			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	S	36080B	E-338	
28634					S	JB3607	E-338, 418	
28635					S	36080A	E-338, 418	
28636					S	1CGC	E-338, 418	
28637					S	36507A	E-338	
28638					S	1CGZ	E-338	
28649			1CAC12CED	AC1CE12 CONTROL CIRCUIT	S	36080B	E-338	
28650					S	JB3607	E-338, 418	
28651					S	36080A	E-338, 418	
28652					S	1CGC	E-338, 418	
28653					S	36511A	E-338	
28654					S	1CGZ	E-338	
28659			1CAC12CEE	AC1CE12 CONTROL CIRCUIT	S	1CGC	E-338	5 D
28660					S	36356A	E-338	5 D
28661					S	36511A	E-338	5 D
28662					S	1CGZ	E-338	5 D
28673			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	S	36090B	E-338	
28674					S	JB3607	E-338, 418	
28675					S	36080A	E-338, 418	
28676					S	1CGC	E-338, 418	
28677					S	36511A	E-338	
28678					S	1CGZ	E-338	
28682			1CBCE11A	BCE11 CONTROL CIRCUIT	S	36356A	E-338	
28683					S	1CGC	E-338	
28684					S	36507A	E-338	
28685					S	1CGZ	E-338	
28699			1CBCE12A	BCE12 CONTROL CIRCUIT	S	36356A	E-338	
28700					S	1CGC	E-338	
28701					S	36511A	E-338	
28702					S	1CGZ	E-338	
28711			1PAC11CEA	AC1CE11 POWER CIRCUIT	S	36309A	E-338	
28713			1PAC12CEA	AC1CE12 POWER CIRCUIT	S	36304A	E-338	
28714			AC1CE11	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	S		E-338	
28715			AC1CE12	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	S		E-338	
28802		E11A	1PBE107A	BE107 POWER CIRCUIT	S	46158A	E-338	
28807			1PBE107B	BE107 POWER CIRCUIT	S	46008C	E-338	
29400A		E12B	1PBE109A	BE109 POWER CIRCUIT	S	36071A	E-338	
29401			1PBE109B	BE109 POWER CIRCUIT	S	36071B	E-338	
29506		E12C	1PBE1202A	BE1202 POWER CIRCUIT	S	36058A	E-338	
29604F		E12E	1PBE1234A	BE1234 POWER CIRCUIT	S	46087A*	E-343	
31601		F7	BPAD2DP7A	4.16KV PD BRKR TO UNIT SUB F7 POWER	S	36434A	E-338	
26642		RC3601	1CD1P21B	CONTROL POWER TO RC3601	S	36082B	E-338	
26643					S	JB3607	E-338, 418	
26644					S	36090A	E-338, 418	
26645					S	36320B	E-338	
26646					S	1CGC	E-338	
26657			1CD1P21D	CONTROL POWER TO RC3607	S	36209A	E-338	
26658					S	1CGZ	E-338	
26659					S	36320B	E-338	
26660					S	1CGC	E-338	
26753		RC3607	1CD1P21B	CONTROL POWER TO RC3601	S	36082B	E-338	
26754					S	JB3607	E-338, 418	
26755					S	36090A	E-338, 418	
26756					S	36320B	E-338	
26757					S	1CGC	E-338	
26768			1CD1P21D	CONTROL POWER TO RC3607 (CCW001)	S	36209A	E-338	
26769					S	1CGZ	E-338	
26770					S	36320B	E-338	
26771					S	1CGC	E-338	
26942		RC3701	1CD1P21B	CONTROL POWER TO RC3601	S	36082B*	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
26943	ESSPWR	RC3701	1CD1P21B	CONTROL POWER TO RC3601	S	JB3607	E-338, 418					
26944					S	36090A	E-338, 418					
26945					S	36320B	E-338					
26946					S	1CGC	E-338					
26957				1CD1P21D	CONTROL POWER TO RC3607	S	36209A	E-338				
26958						S	1CGZ	E-338				
26959						S	36320B	E-338				
26960						S	1CGC	E-338				
31705F	XAC01		C2	BUS C2	S		E-410					
31705B			CABLEBUS	BACKFEED D1 POWER CABLE FROM AACD1	S	CABL BUS	E-410					
32700A	Y3602	BPYBU05A		CONTROL POWER T Y3602 (MU32, MU19)	S	46906A	E-338					
26818	ZC6452		1CD1P13A	CONTROL POWER TO AF6452	S	36258A	E-346					
26819					S	JB3607	E-338					
26519	ZC6459		1CD1N16A	CONTROL POWER TO AF6459	S	1CGC	E-338					
26520					S	36090A	E-338, 418					
26521					S	JB3607	E-338					
26522					S	36090B	E-338					
34403					HPIS	P197-1	1CBEL296C	MP1971 CONTROL CIRCUIT	S	36521A	E-338	
34404	S	1CGZ	E-338									
34405	S	36090A	E-338, 418									
34406	S	1CGC	E-338, 418									
34407	S	JB3607	E-338, 418									
34408	S	36084B	E-338									
34427		AC111	MP1971 CIRCUIT BREAKER (INTLK) (CH. 1)	S						E-338		
34517	P197-2		1CD106C	MP1972 CONTROL CIRCUIT					S	36521A	E-338	
34518									S	1CGZ	E-338	
34519									S	1CGC	E-338	
34520					S	36356B	E-338					
34549					S		E-338					
34808	P58-1		1CAC111B	MP0581 CONTROL CIRCUIT	S	36091B	E-338					
34809					S	JB3607	E-338					
34809A					S	36091A	E-338					
34810					S	1CGC	E-338					
34812					S	36521A	E-338, 351-1					
34813					S	1CGZ	E-338					
34823						1CAC111C	MP0581 CONTROL CIRCUIT	S	36091B	E-338		
34824					S	JB3607	E-338					
34825					S	36091A	E-338					
34826					S	1CGC	E-338					
34827					S	36521A	E-338, 351-1					
34828					S	1CGZ	E-338					
34834						1CAC111E	MP0581 CONTROL CIRCUIT	S	36006	E-338		
34835					S	36521A	E-338, 351-1					
34836					S	1CGZ	E-338					
34846						1CAC111F	MP0581 CONTROL CIRCUIT	S	JB3607	E-338		
34847					S	1CGC	E-338					
34849					S	36091A	E-338, 351-1					
34850	S	36521A	E-338, 351-1									
34851	S	1CGZ	E-338									
34855		1PAC111A	MP0581 POWER CIRCUIT	S	36007A	E-337						
34856		AC111	MP0581 CIRCUIT BREAKER (CH. 1)	S		E-338						
36023	HVAC	C71-1	1CBEL1217E	MC0711 CONTROL CIRCUIT	S	36079B	E-338					
36024					S	JB3607	E-338, 418					
36025					S	36079A	E-338, 418					
36026					S	1CGC	E-338					
36027					S	36357A	E-338					
36107	C73-1		1CBEL1222B	MC0731 CONTROL CIRCUIT	S	36083B	E-338					
36108					S	JB3607	E-338, 418					
36109					S	36083A	E-338, 418					
36110					S	1CGC	E-338					
36111					S	36356A	E-338					
36118				1CBEL1222C	MC0731 CONTROL CIRCUIT	S	36083B	E-338				
36119			S	JB3607	E-338, 418							
36120			S	36083A	E-338, 418							
36121			S	1CGC	E-338							
36122			S	36356A	E-338							
36132		1PBEL1222A	MC0731 POWER CIRCUIT	S	36092B	E-338						
36133	S	JB3607	E-338, 418									
36134	S	36092A	E-338, 351-1									
36507	C78-1		1CBEL1285B	MC0781 CONTROL CIRCUIT	S	36357A	E-338					

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36508	HVAC	C78-1	1CBE1285B	MC0781 CONTROL CIRCUIT	S	1CGC	E-338	
36509					S	36040A	E-338	
36520			1CBE1285C	MC0781 CONTROL CIRCUIT	S	36357A	E-338	
36521					S	1CGC	E-338	
36522					S	36040A	E-338	
36532			1PBE1285A	MC0781 POWER CIRCUIT	S	36042	E-338	
36533					S	36042A	E-338	
37303		HV5305	1CYE104B	MV5305 CONTROL CIRCUIT	S	36357C	E-338	
37304					S	1CGC	E-338	
37305					S	36075A	E-338	
37311			1PYE104A	MV5305 POWER CIRCUIT	S	36898A	E-338	
39016		HV5597	1CBE1208I	MV5597 CONTROL CIRCUIT	S	36041A	E-338	
39017					S	36357B	E-338	
39018					S	1CGC	E-338	
44088	MUPS	P-371C	AC105	MP0371C CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44183		P-371D	AC105	MP0371D CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44153			ACBE1192G	MP0371D CONTROL CIRCUIT	S	ACGH	E-338	3 D
44168			ACBE1192I	MP0371D CONTROL CIRCUIT	S	ACGH	E-338	3 D
44169					S	ACGB	E-338	3 D
44170					S	36508A	E-338	3 D
44171					S	ACGF	E-338	3 D
44604		P37-1	1CAC105J	MP0371A CONTROL CIRCUIT	S	36075A	E-338, 351	
44605					S	1CGC	E-338	
44606					S	36509A	E-338, 351-1	
44607					S	1CGZ	E-338	
44674			1PAC105A	MP0371A POWER CIRCUIT	S	36031A	E-338	
44677			AC105	MP0371A CIRCUIT BREAKER (CH. 1)	S		E-338	
44614			ACAC105B	MP0371A CONTROL CIRCUIT	S	ACGF	E-338	3 D
44615					S	36508A	E-338	3 D
44622			ACAC105C	MP0371A CONTROL CIRCUIT	S	ACGF	E-338	3 D
44623					S	36508A	E-338	3 D
44635			ACAC105E	MP0371A CONTROL CIRCUIT	S	36032A	E-338	
44636					S	36508A	E-338	
44637					S	ACGF	E-338	
44643			ACAC105F	MP0371A CONTROL CIRCUIT	S	36032A	E-338	
44644					S	ACGF	E-338	
44645					S	36508A	E-338	
44615A			ACAC105L	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44615B					S	1CGZ	E-338, 351-1	3 A
44615C					S	1CGC	E-338, 351-1	3 A
44615D					S	36312A	E-338	3 A
44623A			ACAC105M	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44623B					S	1CGZ	E-338, 351-1	3 A
44623C					S	1CGC	E-338, 351-1	3 A
44623D					S	36312A	E-338	3 A
44664A			ACAC105N	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44664B					S	1CGZ	E-338	3 A
44664C					S	1CGC	E-338	3 A
44664D					S	36312A	E-338	3 A
57519	SFRCS	PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	S	36245A	E-338	
57520					S	36182B	E-338	
57521					S	JB3620	E-338	
57613		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	S	1CGC	E-338	
57614					S	36082A	E-338	
57615					S	JB3607	E-338	
57616					S	36082B	E-338	
57617					S	36257A	E-338	
57716		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	S	36259A	E-338	
57717					S	JB3607	E-338	
57718					S	36090B	E-338	
60411		RCPM1	1RCRPM11B	RCP MONITOR	S	1CGC	E-338	
60412					S	36082B	E-338	
60413					S	36082A	E-338	
60414					S	36320A	E-338	
60415					S	JB3607	E-338	
60614		RCPM3	1RCRPM31B	RCP MONITOR	S	36833A	E-338	
60615					S	JB3607	E-338	
60616					S	36090B	E-338	
60900	SWS	P180	AC201	AP1800 CIRCUIT BREAKER (CH. A)	S		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
60907	SWS	P180	ACAC201B	AP1800 CONTROL CIRCUIT	S	ACGF	E-338, 351-1		
60908					S	36529A	E-338, 351-1		
60915				ACAC201C	AP1800 CONTROL CIRCUIT	S	ACGF	E-338, 351-1	
60916					S	36529A	E-338, 351-1		
60923				APAC201A	AP1800 CONTROL CIRCUIT	S	36012A	E-338	
61010	P3-1		1CAC107B	MP0031 CONTROL CIRCUIT	S	36082B	E-338		
61011					S	JB3607	E-338, 418		
61012					S	36082A	E-338, 418		
61013					S	1CGC	E-338, 418		
61014					S	36513A	E-338, 351-1		
61015					S	1CGZ	E-338, 351-1		
61026				1CAC107C	MP0031 CONTROL CIRCUIT	S	36082B	E-338	
61027					S	JB3607	E-338, 418		
61028					S	36082A	E-338, 418		
61029					S	1CGC	E-338, 418		
61030					S	36513A	E-338, 351-1		
61031					S	1CGZ	E-338, 351-1		
61040				1CAC107E	MP0031 CONTROL CIRCUIT	S	36004B	E-337	
61041					S	36004A	E-351-1		
61042					S	36513A	E-338, 351-1		
61043					S	1CGZ	E-338, 351-1		
61054				1CAC107F	MP0031 CONTROL CIRCUIT	S	36082B	E-338	
61055					S	JB3607	E-338, 418		
61056					S	36082A	E-338, 418		
61057					S	1CGC	E-338, 418		
61058					S	36513A	E-338		
61059					S	1CGZ	E-338		
61061				1CAC107G	MP0031 CONTROL CIRCUIT	S	36311A	E-338	14 D
61062					S	1CGC	E-338	14 D	
61063					S	36513A	E-338	14 D	
61064			S	1CGZ	E-338	14 D			
61060A		1CAC107H	MP0031 CONTROL CIRCUIT AC107	S	36513A	E-338	A		
61061A			S	1CGZ	E-338	A			
61062A			S	36517A	E-338	A			
61070		1PAC107A	MP0031 POWER CIRCUIT	S	36005A	E-337			
61071		AC107	MP0031 CIRCUIT BREAKER (CH. 1)	S		E-338			
61078		AC109	MP033 CIRCUIT BREAKER (INTLK) (CH 1)	S		E-338			
61074		DS1-CD7	MP0031 DISCONNECT SWITCH (CH.1)	S		E-338			
61210	P3-3		1CAC109B	MP0033 CONTROL CIRCUIT	S	36082B	E-338		
61211					S	JB3607	E-338		
61212					S	36082A	E-338, 418		
61213					S	1CGC	E-338, 418		
61214					S	36517A	E-338, 351-1		
61215					S	1CGZ	E-338, 351-1		
61226				1CAC109C	MP0033 CONTROL CIRCUIT	S	36082B	E-338	
61227					S	JB3607	E-338, 418		
61228					S	36082A	E-338, 418		
61229					S	1CGC	E-338, 418		
61230					S	36517A	E-338, 351-1		
61231					S	1CGZ	E-338, 351-1		
61242				1CAC109D	MP0033 CONTROL CIRCUIT	S	36082B	E-338	
61243					S	JB3607	E-338, 418		
61244					S	36082A	E-338, 418		
61245					S	1CGC	E-338, 418		
61246					S	36517A	E-338, 351-1		
61247					S	1CGZ	E-338, 351-1		
61249				1CAC109E	MP0033 CONTROL CIRCUIT	S	36311A	E-338	14 D
61250					S	1CGC	E-338	14 D	
61251					S	36517A	E-338, 351-1	14 D	
61252					S	1CGZ	E-338, 351-1	14 D	
61261				1CAC109F	MP0033 CONTROL CIRCUIT	S	36004B	E-337	
61262					S	36004A	E-351-1		
61263					S	36517A	E-338, 351-1		
61264			S	1CGZ	E-338, 351-1				
61271		1CACD4D	MP0033 CONTROL CIRCUIT	S	36517A	E-338, 351-1			
61272			S	1CGZ	E-338, 351-1				
61273			S	1CGC	E-338				
61274			S	36311A	E-338				
61286		1CACD4E	MP0033 CONTROL CIRCUIT	S	36079B	E-338			
61287			S	JB3607	E-338, 418				
61288			S	36079A	E-338, 418				
61289			S	1CGC	E-338, 418				
61290			S	36517A	E-338, 351-1				
61291			S	1CGZ	E-338, 351-1				
61249A		1CACD4F	MP0033 CONTROL CIRCUIT	S	36311A	E-338	A		
61250A			S	1CGC	E-338	A			
61251A			S	36517A	E-338, 351-1	A			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
61252A	SWS	P3-3	1CACD4F	MP0033 CONTROL CIRCUIT	S	1CGZ	E-338, 351-1	A		
61293			1PAC109A	MP0033 POWER CIRCUIT	S	36308A	E-338			
61381C			1PD1P08A	CONTROL POWER TO TRANSFER SWGR 4-ACD4	S	46198A	E-338			
61382			AC109	MP0033 CIRCUIT BREAKER (CH. 1)	S		E-338			
61390			DS1-CD9	MP0033 DISCONNECT SWITCH (CH.1/2)	S		E-338			
61679A	SW1358		2CV1358BH	SV1358 CONTROL CIRCUIT	S	46072A*	E-343, 344			
61699A			2CV1358BJ	SV1358 CONTROL CIRCUIT	S	46072A*	E-343, 344			
62043A	SW1368		2CBF1224B	MV1368 CONTROL CIRCUIT	S	46072A*	E-343, 344			
62077			2PBF1224A	MV1368 POWER CIRCUIT	S	46536A	E-338			
62403	SW1382		1CBE1218B	MV1382 CONTROL CIRCUIT	S	36079B	E-338			
62404				S	JB3607	E-338, 418				
62405				S	36079A	E-338, 418				
62406				S	1CGC	E-338				
62407				S	36356A	E-338				
62425				1CBE1218F	MV1382 CONTROL CIRCUIT	S	36082B	E-338		
62426				S	JB3607	E-338, 418				
62427				S	36082A	E-338, 418				
62428				S	1CGC	E-338				
62429				S	36356A	E-338				
62434				1CBE1218G	MV1382 CONTROL CIRCUIT	S	36142A	E-338		
62435				S	1CGC	E-338				
62436				S	36357A	E-338				
62445				1CBE1218H	MV1382 CONTROL CIRCUIT	S	36085B	E-338		
62446				S	JB3607	E-338, 418				
62447		S	36085A	E-338, 418						
62448		S	1CGC	E-338						
62449		S	36357C	E-338						
62458		1CBE1218I	MV1382 CONTROL CIRCUIT	S	36085B	E-338				
62459		S	JB3607	E-338, 418						
62460		S	36085A	E-338, 418						
62461		S	1CGC	E-338						
62462		S	36357C	E-338						
62491		1CSD03A	MV1382 CONTROL CIRCUIT	S	36142A	E-338				
62492		S	1CGC	E-338						
62493		S	36356A	E-338						
62503		1PBE1218A	MV1382 POWER CIRCUIT	S	36092B	E-338				
62504		S	JB3607	E-338, 418						
62505		S	36092A	E-338, 418						
62917	SW1399		1CBE1277E	MV1399 CONTROL CIRCUIT	S	JB3607	E-338			
62918				S	36079A	E-338				
62919				S	1CGC	E-338				
62920				S	1CGZ	E-338				
62921				S	36004A	E-338				
62934				1CBE1277G	MV1399 CONTROL CIRCUIT	S	JB3607	E-338		
62935				S	36079A	E-338				
62936				S	1CGC	E-338				
62937				S	1CGZ	E-338				
62938				S	36004A	E-338				
63111			SW1429		1CV1429B	SV1429 CONTROL CIRCUIT	S	36091B	E-338	
63112						S	JB3607	E-338, 418		
63113						S	36091A	E-338, 418		
63114		S			1CGC	E-338, 418				
63115		S			1CGZ	E-338, 351-1				
63116		S			36515D	E-338, 351-1				
63130		1CV1429G			SV1429 CONTROL CIRCUIT	S	36515D	E-338		
63131		S			1CGZ	E-338				
63132		S			1CGC	E-338, 351-1				
63133		S			36310A	E-338, 351-1				
63187		AC108			SV1429 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338		
63618	SW2929				1CBE1281F	MV2929 CONTROL CIRCUIT	S	36079B	E-338	
63619						S	JB3607	E-338, 418		
63620						S	36079A	E-338, 418		
63621						S	1CGC	E-338, 418		
63622				S	1CGZ	E-351-1, 338				
63623				S	36004A	E-351-1, 338				
63818			SW2931		1CBE1282F	MV2931 CONTROL CIRCUIT	S	36079B	E-338, 418	
63819		S			JB3607	E-338				
63820		S			36079A	E-338				
63821		S			1CGC	E-338				
63822		S			1CGZ	E-338, 351-1				
63823		S			36004A	E-338, 351-1				
63824		S			36004B	E-342, 337				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18308	CCWS	CC1460	2CV1460A	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18309			2CV1460B	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18310			2CV1460C	SV1460 CONTROL CIRCUIT	T	Nipple	E-349-1	
18320			2CV1460D	SV1460 CONTROL CIRCUIT	T	37450A	E-349-1	
18321					T	JB3722	E-349-1	
18322					T	37497A	E-349-1	
18332			2CV1460E	SV1460 CONTROL CIRCUIT	T	37450A	E-349-1	
18333					T	JB3722	E-349-1	
18334					T	37497A	E-349-1	
18337			EV1460	SV1460 TERMINAL BOX (CH. 2)	T		E-349-1	
18338			NV1460	SV1460 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
18339			SV1460	CC VLV TO EMER INST AIR CMPR (CH. 2)	T		E-349-1	
18951		CC2645	1CCCW001B	MV2645 CONTROL CIRCUIT	T	37499A	E-349-1	
18952					T	37499C	E-349-1	
18953					T	JB3721	E-349-1	
18954					T	37590A	E-349-1	
18955					T	JB3715	E-349-1	
18956					T	36010C	E-349-1	
18957					T	36010B*	E-337, 339	
18962			1CCCW001C	MV2645 CONTROL CIRCUIT	T	37499B	E-349-1	
18963					T	37499C	E-349-1	
18964					T	JB3721	E-349-1	
18965					T	37590A	E-349-1	
18966					T	JB3715	E-349-1	
18967					T	36010C	E-349-1	
18968					T	36010B	E-337, 339	
19001			FFIS1427C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19002			FFIS1432C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19165		CC2649	2CCCW002B	MV2649 CONTROL CIRCUIT	T	37498A	E-349-1	
19166					T	37498C	E-349-1	
19167					T	JB3722	E-349-1	
19168					T	37591A	E-349-1	
19169					T	JT3718	E-349-1	
19170					T	36110C	E-349-1	
19171					T	36110B*	E-337, 339	
19175			2CCCW002C	MV2649 CONTROL CIRCUIT	T	37498B	E-349-1	
19176					T	37498C	E-349-1	
19177					T	JB3722	E-349-1	
19178					T	37591A	E-349-1	
19179					T	JT3718	E-349-1	
19180					T	36110C	E-349-1	
19181					T	36110B*	E-337, 339	
19215			FFIS1422D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19216			FFIS1427D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19700		CC5095	1CBEL226B	MV5095 CONTROL CIRCUIT	T	37600A	E-349-1	
19701					T	37593A	E-349-1	
19715			1CBEL226C	MV5095 CONTROL CIRCUIT	T	37600D	E-349-1	
19716					T	37600B	E-349-1	
19717			1CBEL226D	MV5095 CONTROL CIRCUIT	T	Nipple	E-349-1	
19750			1CBEL226I	MV5095 CONTROL CIRCUIT	T	37593A	E-349-1	
19751					T	JB3721	E-349-1	
19752					T	37600A	E-349-1	
19758C			1CBEL226J	MV5095 CONTROL CIRCUIT	T	37035B*	E-339	
19759					T	37035A	E-349-1	
19760					T	EV1424	E-349-1	
19761					T	37496A	E-349-1	
19762					T	JB3721	E-349-1	
19763					T	37600A	E-349-1	
19767			1CCCW001B	MV5095 CONTROL CIRCUIT	T	37499A	E-349-1	
19768					T	37499C	E-349-1	
19769					T	JB3721	E-349-1	
19770					T	37590A	E-349-1	
19771					T	JB3715	E-349-1	
19772					T	36010C	E-349-1	
19773					T	36010B*	E-337, 339	
19778			1CCCW001C	MV5095 CONTROL CIRCUIT	T	37499B	E-349-1	
19779					T	37499C	E-349-1	
19780					T	JB3721	E-349-1	
19781					T	37590A	E-349-1	
19782					T	JB3715	E-349-1	
19783					T	36010C	E-349-1	
19784					T	36010B*	E-337, 339	
19810			1PBE1226A	MV5095 POWER CIRCUIT	T	46088D	E-349-1	
19811					T	46088B	E-349-1	
19823			EV5095	MV5095 TERMINAL BOX (CH. 1)	T		E-349-1	
19824			FFIS1427C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19825	CCWS	CC5095	FFIS1432C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	
19828			MV5095	CC HDR LINE 1 IN ISO VLV (CH. 1)	T		E-349-1	
19829			NV5095	MV5095 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
19900		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	T	JB3722	E-349-1	
19901					T	37450B	E-349-1	
19903					T	37495E	E-349-1	
19913			2CBF1106C	MV5096 CONTROL CIRCUIT	T	37601D	E-349-1	
19914					T	37601B	E-349-1	
19915			2CBF1106D	MV5096 CONTROL CIRCUIT	T	Nipple	E-349-1	
19952			2CBF1106I	MV5096 CONTROL CIRCUIT	T	37450B	E-349-1	
19953					T	JB3722	E-349-1	
19954					T	37495E	E-349-1	
19959			2CBF1106J	MV5096 CONTROL CIRCUIT	T	37450B	E-349-1	
19964					T	JB3722	E-349-1	
19965					T	37495E	E-349-1	
19969			2CCCW002B	MV5096 CONTROL CIRCUIT	T	37498A	E-349-1	
19970					T	37498C	E-349-1	
19971					T	JB3722	E-349-1	
19972					T	37591A	E-349-1	
19973					T	JT3718	E-349-1	
19974					T	36110C	E-349-1	
19975					T	36110B*	E-337, 339	
19979			2CCCW002C	MV5096 CONTROL CIRCUIT	T	37498B	E-349-1	
19980					T	37498C	E-349-1	
19981					T	JB3722	E-349-1	
19982					T	37591A	E-349-1	
19983					T	JT3718	E-349-1	
19984					T	36110C	E-349-1	
19985					T	36110B*	E-337, 339	
20012			2PBF1106A	MV5096 POWER CIRCUIT	T	47342C	E-349-1	
20013					T	47342A	E-349-1	
20022			EV5096	MV5096 TERMINAL BOX (CH. 2)	T		E-349-1	
20023			FFIS1422D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20024			FFIS1427D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20027			MV5096	CC HDR LINE 2 IN ISO VLV (CH. 2)	T		E-349-1	
20028			NV5096	MV5096 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
20113		CC5097	1CBEL227B	MV5097 CONTROL CIRCUIT	T	37593A	E-349-1	
20114					T	JB3721	E-349-1	
20115					T	37600A	E-349-1	
20116			1CBEL227C	MV5097 CONTROL CIRCUIT	T	37600B	E-349-1	
20117					T	37600C	E-349-1	
20118			1CBEL227D	MV5097 CONTROL CIRCUIT	T	Nipple	E-349-1	
20140			1CBEL227I	MV5097 CONTROL CIRCUIT	T	37600A	E-349-1	
20142					T	37593A	E-349-1	
20146					T	JB3721	E-349-1	
20154			1CBEL227J	MV5097 CONTROL CIRCUIT	T	37035A	E-349-1	
20155					T	JB3721	E-349-1	
20156					T	37496A	E-349-1	
20157					T	EV1424	E-349-1	
20158					T	37600A	E-349-1	
20159					T	37035B*	E-339	
20168			1CCCW001B	MV5097 CONTROL CIRCUIT	T	37590A	E-349-1	
20171					T	36010B*	E-337, 339	
20172					T	36010C	E-349-1	
20173					T	JB3715	E-349-1	
20176					T	JB3721	E-349-1	
20177					T	37499C	E-349-1	
20178					T	37499A	E-349-1	
20183			1CCCW001C	MV5097 CONTROL CIRCUIT	T	JB3721	E-349-1	
20184					T	36010C	E-349-1	
20185					T	JB3715	E-349-1	
20186					T	37590A	E-349-1	
20187					T	36010B*	E-337, 339	
20188					T	37499C	E-349-1	
20189					T	37499B	E-349-1	
20216			1PBE1227A	MV5097 POWER CIRCUIT	T	46088B	E-349-1	
20217					T	46088C	E-349-1	
20223			EV5095	MV5097 TERMINAL BOX (CH. 1)	T		E-349-1	
20224			FFIS1427C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	
20225			FFIS1432C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	
20228			MV5097	CC HDR LINE 1 RETURN ISO VLV (CH. 1)	T		E-349-1	
20229			NV5097	MV5097 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
20308		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	T	37450B	E-349-1	
20309					T	JB3722	E-349-1	
20310					T	37495E	E-349-1	
20311			2CBF1119C	MV5098 CONTROL CIRCUIT	T	37601B	E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
20312	CCWS	CC5098	2CBF119C	MV5098 CONTROL CIRCUIT	T	37601C	E-349-1					
20313			2CBF119D	MV5098 CONTROL CIRCUIT	T	Nipple	E-349-1					
20338			2CBF119I	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1					
20339						T	JB3722	E-349-1				
20340						T	37450B	E-349-1				
20354					2CBF119J	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1			
20355						T	JB3722	E-349-1				
20356						T	37450B	E-349-1				
20371B					2CCCW002B	MV5098 CONTROL CIRCUIT	T	36110B*	E-337, 339			
20372						T	36110C	E-349-1				
20373						T	JT3718	E-349-1				
20374						T	37591A	E-349-1				
20375						T	JB3722	E-349-1				
20376						T	37498C	E-349-1				
20377						T	37498A	E-349-1				
20378					2CCCW002C	MV5098 CONTROL CIRCUIT	T	JT3718	E-349-1			
20380E						T	36110B*	E-337, 339				
20381						T	36110C	E-349-1				
20384						T	37591A	E-349-1				
20385						T	JB3722	E-349-1				
20386						T	37498C	E-349-1				
20387						T	37498B	E-349-1				
20414					2PBF119A	MV5098 POWER CIRCUIT	T	47342A	E-349-1			
20415						T	47342B	E-349-1				
20421					EV5096	MV5098 TERMINAL BOX (CH. 2)	T		E-349-1			
20422					FFIS1422D	MV5098 FLOW INDICATING SWITCH	T		E-349-1			
20423					FFIS1427D	MV5098 FLOW INDICATING SWITCH	T		E-349-1			
20426					MV5098	CC HDR LINE 2 RETURN ISO VLV (CH. 2)	T		E-349-1			
20427					NV5098	MV5098 LOCAL CONTROLLER (CH. 2)	T		E-349-1			
20450			E22-1	N/A	N/A	CCW HEAT EXCHANGER 1-1	T	MAN				
20455			E22-2	N/A	N/A	CCW HEAT EXCHANGER 1-2	T	MAN				
20460			E22-3	N/A	N/A	CCW HEAT EXCHANGER 1-3	T	MAN				
27313			FIS1422D		2CD2P23B	CONTROL POWER TO FIS1427D	T	37074D	E-349-1			
27314								T	37074C	E-349-1		
27315								T	37074B	E-349-1		
27350							2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27351								T	37087A	E-349-1		
27298							2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27299								T	37074A	E-349-1		
27300								T	37074B	E-349-1		
27361A							FIS1422D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A
26825					FIS1427C		1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1	
26825A									T	JB3715	E-349-1	
26825B									T	37481A	E-349-1	
26825R								1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1
26825S							T	37073D	E-349-1			
28825U					FIS1427C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A		
27317F	FIS1427D		2CD2P23B	CONTROL POWER TO FIS1422D	T	37074D	E-349-1					
27317Q					T	37074C	E-349-1					
27317R					T	37074B	E-349-1					
27317U					2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1			
27317V						T	37087A	E-349-1				
27317A					2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1			
27317B						T	37074A	E-349-1				
27317C						T	37074B	E-349-1				
27318			FIS1427D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A				
26826	FIS1432C		1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1					
26826A					T	JB3715	E-349-1					
26826B					T	37481A	E-349-1					
26826R				1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1				
26826S					T	37073D	E-349-1					
26826U					FIS1432C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A		
20602	P43-1		1CCCW001B	MP0431 CONTROL CIRCUIT	T	37499A	E-349-1					
20603					T	37499C	E-349-1					
20604					T	JB3721	E-349-1					
20605					T	37590A	E-349-1					
20606					T	JB3715	E-349-1					
20607					T	36010C	E-349-1					
20608					T	36010B*	E-337, 339					
20613					1CCCW001C	MP0431 CONTROL CIRCUIT	T	37499B	E-349-1			
20614						T	37499C	E-349-1				

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP								
20615	CCWS	P43-1	1CCCW001C	MP0431 CONTROL CIRCUIT	T	JB3721	E-349-1									
20616					T	37590A	E-349-1									
20617					T	JB3715	E-349-1									
20618					T	36010C	E-349-1									
20619					T	36010B*	E-337, 339									
20625					T	36011A*	E-337, 339									
20626					T	36011A	E-339									
20634			FFIS1427C	MP0431 FLOW INDICATING SWITCH	T		E-349-1									
20635					FFIS1432C	MP0431 FLOW INDICATING SWITCH	T		E-349-1							
20637							MP0431	COMPONENT COOLING WATER PUMP 1 (CH. 1)	T		E-349-1					
20791									P43-2	2CCCW002B	MP0432 CONTROL CIRCUIT	T	37498A	E-349-1		
20792												T	37498C	E-349-1		
20793												T	JB3722	E-349-1		
20794												T	37591A	E-349-1		
20795	T	JT3718	E-349-1													
20796	T	36110C	E-349-1													
20797	T	36110B*	E-337, 339													
20801	2CCCW002C	MP0432 CONTROL CIRCUIT	T	37498B	E-349-1											
20802			T	37498C	E-349-1											
20803			T	JB3722	E-349-1											
20804			T	37591A	E-349-1											
20805			T	JT3718	E-349-1											
20806			T	36110C	E-349-1											
20807			T	36110B*	E-337, 339											
20812E	2PAD113A	MP0432 CONTROL CIRCUIT	T	36111A*	E-337, 339											
20813			T	36111A	E-339											
20820			FFIS1422D	MP0432 FLOW INDICATING SWITCH	T		E-349-1									
20821					FFIS1427D	MP0432 FLOW INDICATING SWITCH	T		E-349-1							
20824							JT3718	MP0432 TERMINAL BOX (CH. 2)	T		E-349-1					
20825									MP0432	COMPONENT COOLING WATER PUMP 2 (CH. 2)	T		E-349-1			
21029											P43-3	1CAC108K	MP0433 CONTROL CIRCUIT	T	37499A	E-349-1
21030	T	37499C												E-349-1		
21031	T	JB3721	E-349-1													
21032	T	37593A	E-349-1													
21220	2CAD108K	MP0433 CONTROL CIRCUIT	T	37498A	E-349-1											
21221			T	37498C	E-349-1											
21222			T	JB3722	E-349-1											
21223			T	37591B	E-349-1											
21224			T	JT3718	E-349-1											
21225			T	37480A	E-349-1											
21226			T	JB3716	E-349-1											
21227	T	36204C	E-349-1													
21228	3PACD1A	MP0433 POWER CIRCUIT	T	36204B*	E-337, 339											
21245E			T	36203A*	E-337, 339											
21246			T	36203A	E-339											
21262			FFIS1422D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1									
21263					FFIS1427C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1							
21264							FFIS1427D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1					
21265									FFIS1432C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1			
21268	MP0433	COMPONENT COOLING WATER PUMP 3									T		E-349-1			
63000A											SWS	SW1424	1CV1424A	SV1424 CONTROL CIRCUIT	T	37449A
63004	T	Nipple	E-349-1													
63013C	T	37035B*	E-339													
63014	T	37035A	E-349-1													
63015	T	Flex	E-349-1													
63016	T	37449A	E-349-1													
63023C	T	37035B*	E-339													
63024	T	37035A	E-349-1													
63024A	1CV1424H	SV1424 CONTROL CIRCUIT	T	37449A	E-349-1											
63027			EV1424	SV1424 TERMINAL BOX (CH. 1)	T		E-349-1									
63028					NV1424	SV1424 LOCAL CONTROLLER (CH. 1)	T		E-349-1							
63030							PSL1424	PRESS SW FOR SW1424 LOW IA PRESS	T				E-349-1			
63029									SV1424	SW FROM CC HK 1 ISO VLV SOLENOID			T		E-349-1	
63125													SW1429	1CV1429C	SV1429 CONTROL CIRCUIT	T
63126											T	JB3721				E-349-1
63127	T	37496A	E-349-1													
63128	1CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1											
63129			1CV1429E	SV1429 CONTROL CIRCUIT	T	37035D	E-349-1									
63157					2CV1429C	SV1429 CONTROL CIRCUIT	T	37450A	E-349-1							
63158							T	JB3722	E-349-1							
63159							T	37452F	E-349-1							
63160							T	37452D	E-349-1							
63161	2CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1											
63162			2CV1429E	SV1429 CONTROL CIRCUIT	T	37452E	E-349-1									
63163					T	37452D	E-349-1									

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63168	SWS	SW1429	3CV1429A	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63176			3CV1429B	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63185			3CV1429D	SV1429 CONTROL CIRCUIT	T	37453A	E-349-1	
63185A					T	FLEX	E-349-1	
63186			3CV1429F	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63194			EV1424	SV1429 TERMINAL BOX (CH. 1)	T		E-349-1	
63195			EV1429	SV1429 TERMINAL BOX (CH. 1/2)	T		E-349-1	
63196			EV1460	SV1429 TERMINAL BOX (CH. 2)	T		E-349-1	
63197			NV1429	SV1429 LOCAL CONTROLLER (CH. 3)	T		E-349-1	
63198			NV1429A	SV1429 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
63199			NV1429B	SV1429 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63201			PSL1429	PRESS SW FOR SW1429 LOW IA PRESS	T		E-349-1	
63200			SV1429	SW FROM HX 3 ISO VLV SOLENOID	T		E-349-1	
63300		SW1434	2CV1434A	SV1434 CONTROL CIRCUIT	T	37452A	E-349-1	
63301					T	FLEX	E-349-1	
63303			2CV1434C	SV1434 CONTROL CIRCUIT	T	Nipple	E-349-1	
63313			2CV1434D	SV1434 CONTROL CIRCUIT	T	37450A	E-349-1	
63314					T	JB3722	E-349-1	
63315					T	37497A	E-349-1	
63316			2CV1434E	SV1434 CONTROL CIRCUIT	T	Flex	E-349-1	
63317					T	37452A	E-349-1	
63327			2CV1434G	SV1434 CONTROL CIRCUIT	T	37450A	E-349-1	
63328					T	JB3722	E-349-1	
63329					T	37497A	E-349-1	
63332			EV1460	SV1434 TERMINAL BOX (CH. 2)	T		E-349-1	
63333			NV1434	SV1434 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63335			PSL1434	PRESS SW FOR SW1434 LOW IA PRESS	T		E-349-1	
63334			SV1434	SW FROM CC HX 2 ISO VLV SOLENOID	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00008	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	U	1CDB	E-349-3	
00052			1CBE1146H	MV3869 CONTROL CIRCUIT	U	1CDB	E-349-3	
00134		AF3870	1CD107F	MV3870 CONTROL CIRCUIT	U	1CDB	E-349-3	
00505		AF608	1CBE1160F	MV608 CONTROL CIRCUIT	U	1CJM	E-349-3	
00525			1CBE1160I	MV608 CONTROL CIRCUIT	U	1CJL	E-349-3	
00878		AF6452	1CLY6453A	LY6453 CONTROL CIRCUIT	U	1CJL	E-349-3	
00883			1CLY6453B	LY6453 CONTROL CIRCUIT	U	1CJL	E-349-3	
01436		MS106	1CD135F	MV106 CONTROL CIRCUIT	U	1CDB	E-349-3	
01437					U	37048A	E-349-3	
01438					U	1CJM	E-349-3	
01452			1CD135H	MV106 CONTROL CIRCUIT	U	1CJM	E-349-3	
01453					U	37048B	E-349-3	
01454					U	1CDB	E-349-3	
01472			1CD135I	MV106 CONTROL CIRCUIT	U	1CJL	E-349	
01492			1CD135K	MV106 CONTROL CIRCUIT	U	1CDB	E-349-3	
01493					U	37048A	E-349-3	
01494					U	1CJM	E-349-3	
01501			1CD135L	MV106 CONTROL CIRCUIT	U	1CJM	E-349-3	
01502					U	37048A	E-349-3	
01503					U	1CDB	E-349-3	
01552			1CD135P	MV106 CONTROL CIRCUIT	U	1CDB	E-349-3	
01554					U	37048A	E-349-3	
01568			1CD135R	MV106 CONTROL CIRCUIT	U	1CDB	E-349-3	
01569					U	37048A	E-349-3	
01570					U	1CJM	E-349-3	
01591			1CD135V	MV106 CONTROL CIRCUIT	U	1CDB	E-349-3	
01592					U	37048B	E-349-3	
01593					U	1CJM	E-349-3	
01779		MS106A	1CBE1271K	MV106A CONTROL CIRCUIT	U	1CDB	E-349-3	
01780					U	37048B	E-349-3	
01781					U	1CJM	E-349-3	
01786			1CBE1271L	MV106A CONTROL CIRCUIT	U	1CJL	E-349-3	
17708	CCWS	CC1407A	1CBE1173E	MV1407A CONTROL CIRCUIT	U	1CJM	E-349-3	
17718			1CBE1173G	MV1407A CONTROL CIRCUIT	U	1CJL	E-349-3	
18108		CC1411A	1CBE1176E	MV1411A CONTROL CIRCUIT	U	1CJM	E-349-3	
18117			1CBE1176G	MV1411A CONTROL CIRCUIT	U	1CJL	E-349-3	
18134			1CLR3757A	MV1411A CONTROL CIRCUIT	U	1CJL	E-349-3	
18144			1CLR3757B	MV1411A CONTROL CIRCUIT	U	1CJL	E-349-3	
18319		CC1460	2CV1460D	SV1460 CONTROL CIRCUIT	U	37450A	E-349-3	
18331			2CV1460E	SV1460 CONTROL CIRCUIT	U	37450A	E-349-3	
18408		CC1467	1CV1467C	SV1467 CONTROL CIRCUIT	U	1CDB	E-349-3	
18419			1CV1467E	SV1467 CONTROL CIRCUIT	U	1CDB	E-349-3	
18809		CC1495	1CV1495A	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18810			1CV1495B	SV1495 CONTROL CIRCUIT	U	Nipple	E-349-3	
18816			1CV1495C	SV1495 CONTROL CIRCUIT	U	1CJM	E-349-3	
18817					U	37455A	E-349-3	
18818			1CV1495D	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18824			1CV1495E	SV1495 CONTROL CIRCUIT	U	1CJM	E-349-3	
18825					U	37455A	E-349-3	
18828			EV1495	SV1495 TERMINAL BOX	U		E-349-3	
18829			NV1495	SV1495 LOCAL CONTROLLER	U		E-349-3	
18830			SV1495	CCW TO NON-ESSEN IN ISO VLV	U		E-349-3	
18910		CC2645	1CBE1161F	MV2645 CONTROL CIRCUIT	U	1CDB	E-349-3	
18943			1CBE1161J	MV2645 CONTROL CIRCUIT	U	1CJL	E-349-3	
18944					U	37519A	E-349-3	
18945					U	1CDB	E-349-3	
18975			1CLR3757A	MV2645 CONTROL CIRCUIT	U	37604A	E-349-3	
18976					U	1CJL	E-349-3	
18986			1CLR3757B	MV2645 CONTROL CIRCUIT	U	37604A	E-349-3	
18987					U	1CJL	E-349-3	
19113		CC2649	2CBF1161F	MV2649 CONTROL CIRCUIT	U	2CEV	E-349-3	
19131			2CBF1161G	MV2649 CONTROL CIRCUIT	U	2CEV	E-349-3	
19222A		CC42	N/A	NONESSENTIAL CCW ISOLATION VALVE	U	N/A		
19222B		CC43	N/A	NONESSENTIAL CCW BYPASS VALVE	U	N/A		
19756		CC5095	1CBE1226J	MV5095 CONTROL CIRCUIT	U	1CJL	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19757	CCWS	CC5095	1CBE1226J	MV5095 CONTROL CIRCUIT	U	37035C	E-349-3	
19758					U	37035B*	E-339	
19791			1CLR3757A	MV5095 CONTROL CIRCUIT	U	37604A	E-349-3	
19792					U	1CJL	E-349-3	
19802			1CLR3757B	MV5095 CONTROL CIRCUIT	U	37604A	E-349-3	
19803					U	1CJL	E-349-3	
19812			1PBE1226A	MV5095 POWER CIRCUIT	U	46088B	E-349-3	
19902		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	U	37450B	E-349-3	
19951			2CBF1106I	MV5096 CONTROL CIRCUIT	U	37450B	E-349-2	
19963			2CBF1106J	MV5096 CONTROL CIRCUIT	U	37450B	E-349-3	
20014			2PBF1106A	MV5096 POWER CIRCUIT	U	47342A	E-349-3	
20159C		CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	U	37035B*	E-339	
20160					U	37035C	E-349-3	
20161					U	1CJL	E-349-3	
20197			1CLR3757A	MV5097 CONTROL CIRCUIT	U	1CJL	E-349-3	
20207			1CLR3757B	MV5097 CONTROL CIRCUIT	U	1CJL	E-349-3	
20215			1PBE1227A	MV5097 POWER CIRCUIT	U	46088B	E-349-3	
20307		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	U	37450B	E-349-2	
20342			2CBF1119I	MV5098 CONTROL CIRCUIT	U	37450B	E-349-3	
20357			2CBF1119J	MV5098 CONTROL CIRCUIT	U	37450B	E-349-1	
20413			2PBF1119A	MV5098 POWER CIRCUIT	U	47342A	E-349-3	
27352		FIS1422D	2CD2P23D	CONTROL POWER TO FIS1422D	U	37087A	E-349-3	
27317W		FIS1427D	2CD2P23D	CONTROL POWER TO FIS1427D	U	37087A	E-349-3	
21417	CFS	CF01B	1CBE1162F	MVCF01B CONTROL CIRCUIT	U	1CJL	E-349-3	
21425			1CBE1162G	MVCF01B CONTROL CIRCUIT	U	1CJM	E-349-3	
21436			1CVCF01BB	MVCF01B CONTROL CIRCUIT	U	1CJL	E-349-3	
21925	CSS	CS1530	1CBE1156H	MV1530 CONTROL CIRCUIT	U	1CJM	E-349-3	
21941			1CBE1156J	MV1530 CONTROL CIRCUIT	U	1CJL	E-349-3	
22413	DHRS	DH01B	1CBE1106F	MVDH01B CONTROL CIRCUIT	U	1CJL	E-349-3	
22425			1CBE1106J	MVDH01B CONTROL CIRCUIT	U	1CJM	E-349-3	
22613		DH07B	1CBE1157F	MVDH07B CONTROL CIRCUIT	U	1CJM	E-349-3	
22623			1CBE1157G	MVDH07B CONTROL CIRCUIT	U	1CJM	E-349-3	
22638			1CBE1157I	MVDH07B CONTROL CIRCUIT	U	1CJL	E-349-3	
22809		DH09B	1CBE1112E	MVDH09B CONTROL CIRCUIT	U	1CJM	E-349-3	
22819			1CBE1112F	MVDH09B CONTROL CIRCUIT	U	1CJM	E-349-3	
22834			1CBE1112H	MVDH09B CONTROL CIRCUIT	U	1CJL	E-349-3	
23017		DH12	1CBE1183G	MVDH12 CONTROL CIRCUIT	U	1CJL	E-349-3	
23031			1CBE1183J	MVDH12 CONTROL CIRCUIT	U	1CJL	E-349-3	
23206		DH13B	1CVDH13BB	SVDH13B CONTROL CIRCUIT	U	1CDB	E-349-3	
23218			1CVDH13BE	SVDH13B CONTROL CIRCUIT	U	1CDB	E-349-3	
23324		DH14A	2CVDH14AF	SVDH14A CONTROL CIRCUIT	U	2CEV	E-349-3	
23406		DH14B	1CVDH14BB	SVDH14B CONTROL CIRCUIT	U	1CDB	E-349-3	
23418			1CVDH14BE	SVDH14B CONTROL CIRCUIT	U	1CDB	E-351-4	
23423			1CVDH14BF	SVDH14B CONTROL CIRCUIT	U	37072A	E-349-3	
23424					U	1CJL	E-349-3	
23425					U	1CDB	E-351-4	
23507		DH1517	1CBE1126C	MV1517 CONTROL CIRCUIT	U	1CDB	E-351-4	
23710		DH2733	1CBE1121C	MV2733 CONTROL CIRCUIT	U	1CJL	E-349-3	
23729			1CBE1121H	MV2733 CONTROL CIRCUIT	U	1CJM	E-349-3	
23845Q		DH2735	1CBE1155F	DH2735 CONTROL CIRCUIT	U	1CJL	E-349-3	
23916		DH63	2CBF1195F	MVDH63 CONTROL CIRCUIT	U	2CEV	E-349-3	
32042	ESSPWR	C4808	1CY108AA	CONTROL POWER FROM Y1A	U	1CDB	E-349-3, 351-4	
32042A					U	37089A	E-349-3	A
32042B					U	1CJL	E-349-3	A
32042C					U	37092A	E-349-3	A
32043					U	JB3736	E-349-3	
32043A			1CY108AC	CONTROL POWER FROM Y1A	U	JB3736	E-349-3	
32044					U	37092F	E-349-3, 356	
32045					U	1CJL	E-349-3, 356-6	
31952		C5761A	1CYE211A	INST POWER TO SFRCS LOGIC CH 3	U	1CJL	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
31860	ESSPWR	CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	U	37604A	E-349-3		
31861					U	1CJL	E-349-3		
31869					U	1CDB	E-349-3		
31887				1CY117B	CONTROL POWER TO RC3706	U	37604A	E-349-3	
27268		CDF-12A-1	2CD2P20D	CONTROL POWER TO CDF11D	U	2CEV	E-349-3		
27805		DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	U	36078A	E-349-3		
28105		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	U	36206A	E-349-3		
29602		E12E	1PBE1234A	BE1234 POWER CIRCUIT	U	18219A	E-349-3		
30801		F11D	2PBF1146A	BF1146 POWER CIRCUIT	U	47200A	E-349-3		
32723		RC1761	BCYBU41A	CONTROL POWER TO WC1747	U	BCEQ	E-351-4, 349-3		
26614		RC3601	1CD1P21A	CONTROL POWER TO RC3701	U	1CJL	E-349-3		
26634			1CD1P21B	CONTROL POWER TO RC3601	U	1CJL	E-349-3		
26651			1CD1P21C	CONTROL POWER TO CDE11D	U	1CDB	E-349-3		
26652					U	37072A	E-349-3		
26653				U	1CJL	E-349-3			
26729		RC3607	1CD1P21A	CONTROL POWER TO RC3601	U	1CJL	E-349-3		
26745			1CD1P21B	CONTROL POWER TO RC3601	U	1CJL	E-349-3		
26762			1CD1P21C	CONTROL POWER TO CDE11D	U	1CDB	E-349-3		
26763					U	37072A	E-349-3		
26764				U	1CJL	E-349-3			
26914		RC3701	1CD1P21A	CONTROL POWER TO RC3701	U	1CJL	E-349-3		
26934			1CD1P21B	CONTROL POWER TO RC3601	U	1CJL	E-349-3		
26951			1CD1P21C	CONTROL POWER TO CDE11D	U	1CDB	E-349-3		
26952					U	37072A	E-349-3		
26953				U	1CJL	E-349-3			
31919		RC3715	ACDAP28A	CONTROL POWER (WC1453)	U	ACGH	E-349-3		
31920					U	38230A	E-349-3		
31921			ACDAP28B	CONTROL POWER TO RC1760	U	38230A	E-349-3		
31922					U	ACGH	E-349-3		
31923					U	37720A	E-349-3		
31924					U	ACEN	E-349-3, 351-4		
26989		RC3716	BCYBU43B		U	BCHD	E-349-3		
26990					U	37699A	E-349-3		
26991			RC3716		U		E-349-3		
34014	HPIS	HP02C	1CBEL103F	MVHP02C CONTROL CIRCUIT	U	1CJL	E-349-3		
34022				1CBEL103G	MVHP02C CONTROL CIRCUIT	U	1CJM	E-349-3	
34114		HP02D	1CBEL105F	MVHP02D CONTROL CIRCUIT	U	1CJL	E-349-3		
34122				1CBEL105G	MVHP02D CONTROL CIRCUIT	U	1CJM	E-349-3	
34216		HP31	2CBF1194F	MVHP31 CONTROL CIRCUIT	U	2CEV	E-349-3		
34318			HP32	1CBEL1286F	MVHP32 CONTROL CIRCUIT	U	1CJM	E-349-3	
34418		P197-1		1CBEL1296C	MP1971 CONTROL CIRCUIT	U	1CJM	E-349-3	
34509			P197-2	1CD106B	MP1972 CONTROL CIRCUIT	U	1CJM	E-349-3	
34533				1CD106D	MP1972 CONTROL CIRCUIT	U	1CJM	E-349-3	
36012		HVAC	C71-1	1CBEL1217E	MC0711 CONTROL CIRCUIT	U	1CJM	E-349-3	
36013						U	37525A	E-349-3	
36014						U	1CDB	E-349-3	
37412		HV5305A	1CBEL1240E	MV5305A CONTROL CIRCUIT	U	1CJM	E-349-3		
37511		HV5305B	1CBEL1241E	MV5305B CONTROL CIRCUIT	U	1CJM	E-349-3		
39711	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	U	1CJL	E-349-3		
39725				1CV1011F	V1011/SV1011 CONTROL CIRCUIT	U	1CJL	E-349-3	
41019	MUPS	MU02A	1CBEL1171F	MVMU02A CONTROL CIRCUIT	U	1CJL	E-349-3		
41027				1CBEL1171G	MVMU02A CONTROL CIRCUIT	U	1CJM	E-349-3	
41117		MU02B	1CBEL1172F	MVMU02B CONTROL CIRCUIT	U	1CJL	E-349-3		
41225		MU03	2CVMU03C	SVMU03 CONTROL CIRCUIT	U	2CEV	E-349-3		
41226					U	28107C	E-349-3		

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41228	MUPS	MU03	2CVMU03C	SVMU03 CONTROL CIRCUIT	U	28107B*	E-339, 340	
41238			2CVMU03E	SVMU03 CONTROL CIRCUIT	U	2CEV	E-349-3	
41239					U	28107C	E-349-3	
41240					U	28107B*	E-339, 340	
42105		MU04	ACBE2259C	MU4 CONTROL CIRCUIT	U	ACJH	E-349	
41307		MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	U	ACJH	E-349	
41407		MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	U	ACJH	E-349	
41508		MU11	ACBE2278C	MU11 CONTROL CIRCUIT	U	ACJH	E-349	
41530			ACBE2278I	MU11 CONTROL CIRCUIT	U	ACJH	E-349	
41544			ACBE2278J	MU11 CONTROL CIRCUIT	U	ACDA	E-349	
41556			ACBE2278L	MU11 CONTROL CIRCUIT	U	ACJH	E-349	
41641		MU19	BLNNI261D	MU19 CONTROL CIRCUIT	U	BLDE	E-349-3	
41707		MU1903	ACBE2271C	MU1903 CONTROL CIRCUIT	U	ACJH	E-349	
41806		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	U	BCEQ	E-349-3	
41810			BCY36217A	MU32 CONTROL CIRCUIT	U	37475C	E-349-3	
41811					U	BCHD	E-349-3	
41816					U	BCEQ	E-349-3	
41833			BLCOF532A	MU32 INSTRUMENTATION CIRCUIT	U	BLHC	E-349-3	
41834					U	37508A	E-349-3	
41835			BLCOF532C	MU32 INSTRUMENTATION CIRCUIT	U	37508A	E-349-3	
41836					U	BLHC	E-349-3	
41837					U	37164A	E-349-3	
41838					U	BLDE	E-349-3	
41848			BLNNI264D	MU32 CONTROL CIRCUIT	U	BLDE	E-349-3	
41857			JT3708	MU32 TERMINAL BOX (CH. B)	U		E-349-3	
41922		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	U	2CEV	E-349-3	
41923					U	28107C	E-349-3	
41924					U	28107B*	E-339, 340	
41933			2CVMU38D	SVMU38 CONTROL CIRCUIT	U	2CEV	E-349-3	
41934					U	28107C	E-349-3	
41935					U	28107B*	E-339, 340	
41943D			2CVMU38E	SVMU38 CONTROL CIRCUIT	U	28107B*	E-339, 340	
41944					U	28107C	E-349	
41945					U	2CEV	E-356	
42212		MU59A	1CBE1174F	MU59A CONTROL CIRCUIT	U	1CJL	E-349	
42222			1CBE1174G	MU59A CONTROL CIRCUIT	U	1CJL	E-349	
42312		MU59B	1CBE1175F	MU59B CONTROL CIRCUIT	U	1CJL	E-349	
42322			1CBE1175G	MU59B CONTROL CIRCUIT	U	1CJM	E-349	
42412		MU59C	1CBE1177F	MU59C CONTROL CIRCUIT	U	1CJL	E-349	
42422			1CBE1177G	MU59C CONTROL CIRCUIT	U	1CJM	E-349	
42512		MU59D	1CBE1178F	MU59D CONTROL CIRCUIT	U	1CJL	E-349	
42522			1CBE1178G	MU59D CONTROL CIRCUIT	U	1CJM	E-349	
42604		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	U	1CDB	E-335	
42613			1CBE1127C	MV6405 CONTROL CIRCUIT	U	1CDB	E-347, 349	
42805		MU6407	1CV6407C	SVMU6407 CONTROL CIRCUIT	U	1CDB	E-349	
42816			1CV6407D	SVMU6407 CONTROL CIRCUIT	U	1CDB	E-349	
43004		MU6409	1CBE1147A	MV6409 CONTROL CIRCUIT	U	1CDB	E-349	
43102		MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	U	1CJL	E-349-3	
43112			1CBE1295B	MV6419 CONTROL CIRCUIT	U	1CDB	E-349-3	
43113					U	37048B	E-349	
43114					U	1CDB	E-349	
43115					U	1CJM	E-349, 349-3	
43303		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	U	1CDB	E-349	
43501		MU66A	2CVMU66AB	SVMU66A CONTROL CIRCUIT	U	28107C	E-349-3	
43502					U	2CEV	E-349-3	
43503					U	28107B*	E-339, 340	
43518D			2CVMU66AD	SVMU66A CONTROL CIRCUIT	U	28107B*	E-339, 340	
43519					U	28107C	E-349-3	
43520					U	2CEV	E-349-3	
43633		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	U	1CJM	E-349	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43607	MUPS	MU66B	1CVMU66BB	VMU66B CONTROL CIRCUIT	U	1CJM	E-349-3	
43622			1CVMU66BD	VMU66B CONTROL CIRCUIT	U	1CJM	E-349-3	
43733		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	U	1CJM	E-349	
43708			1CVMU66CB	VMU66C CONTROL CIRCUIT	U	1CJM	E-349-3	
43718			1CVMU66CD	VMU66C CONTROL CIRCUIT	U	1CJM	E-349-3	
43804D		MU66D	2CVMU66DB	SVMU66D CONTROL CIRCUIT	U	28107B*	E-339, 340	
43805					U	28107C	E-349-3	
43806					U	2CEV	E-349-3	
43816D			2CVMU66DD	SVMU66D CONTROL CIRCUIT	U	28107B*	E-339, 340	
43819					U	2CEV	E-349-3	
43820					U	28107C	E-349-3	
43906	P-371B		ACBE1191B	MP0371B CONTROL CIRCUIT	U	ACEN	E-349-3	
44004	P-371C		ACD117B	MP0371C CONTROL CIRCUIT	U	ACDA	E-349-3	3 D
44030			ACD117D	MP0371C CONTROL CIRCUIT	U	ACDA	E-349-3	3 D
44039M			ACD117H	MP0371C CONTROL CIRCUIT	U	1CDB	E-349-3, 351-4	3 A
44062A			ACD117J	MP0371C CONTROL CIRCUIT	U	1CJM	E-349-3, 351-4	3 A
44076V			ACD117K	MP0371C CONTROL CIRCUIT	U	1CJM	E-349-3, 351-4	3 A
44109	P-371D		ACBE1192C	MP0371D CONTROL CIRCUIT	U	ACEN	E-349-3	
44207	P-372B		BCBF1167B	MP0372B CONTROL CIRCUIT	U	BCEQ	E-349-3	
44224			BCBF1167C	MP0372B CONTROL CIRCUIT	U	BCEQ	E-349-3	
44304	P-372C		BCD217B	MP0372C CONTROL CIRCUIT	U	BCEQ	E-349-3	
44360			BCD217F	MP0372C CONTROL CIRCUIT	U	BCEQ	E-349-3	
44411	P-372D		BCBF1168C	MP372D CONTROL CIRCUIT	U	BCEQ	E-349-3	
44427			BCBF1168D	MP372D CONTROL CIRCUIT	U	BCEQ	E-349-3	
44443			BCBF1168E	MP372D CONTROL CIRCUIT	U	BCEQ	E-349-3	
44451			BCBF1168F	MP372D CONTROL CIRCUIT	U	BCEQ	E-349-3	
44615N	P37-1		ACAC105L	MP0371A CONTROL CIRCUIT	U	1CJM	E-349-3, 351-4	3 A
44623N			ACAC105M	MP0371A CONTROL CIRCUIT	U	1CJM	E-349-3, 351-4	3 A
44798	P37-2		BCAD105K	MP0372A CONTROL CIRCUIT	U	BCEQ	E-351-4	
44799					U	37475C	E-349-3	
44800					U	BCHD	E-349-3	
44913	WC1453		ACV1453D	WC1453 CONTROL CIRCUIT	U	ACEN	E-349	
44923			ACV1453F	WC1453 CONTROL CIRCUIT	U	ACEN	E-349	
44933			ACV1453G	WC1453 CONTROL CIRCUIT	U	ACEN	E-349	
45165	WC1743		ACV1743G	WC1743 CONTROL CIRCUIT	U	ACDA	E-349-3, 351-4	
45034	WC1747		BCV1747G	WC1747 CONTROL CIRCUIT	U	BCEQ	E-349	
45104	WC3560		ACV3560C	WC3560 CONTROL CIRCUIT	U	ACEN	E-349	
45114			ACV3560D	WC3560 CONTROL CIRCUIT	U	ACEN	E-349	
45117					U	37720A	E-349	
45702	NI	NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	U	38600A	E-349-3	
45708			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	U	38600A	E-349-3	
45714			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	U	38600A	E-349-3	
44799K	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	U	37162A	E-349-3	1 A
44796K		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	U	37162A	E-349-3	1 A
46207		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	U	36273A	E-349-3	
46308		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	U	36273A	E-349-3	
46404		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	U	36273A	E-349-3	
46506		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	U	36273A	E-349-3	
47608		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	U	38601A	E-349-3	
47702		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	U	38601A	E-350, 349-3	
48806		PI-RC2B4	1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	U	38601A	E-349-3	
49104		PI-SP12A1-A	ALNNI852G	PTSP12A1, PISP12A1A INDICATING CIRCUIT	U	ALGU	E-349	
49106					U	ALDC	E-349, 356	
49903		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	U	38601A	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50304	NNI	TI-RC4A4	ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	U	ALDC	E-349-3	
50305					U	ALGU	E-349-3	
50824	RCS	RC239A	2CBF1126H	MV0239A CONTROL CIRCUIT	U	2CEV	E-349-3	
50919		RC239B	2CBF1127G	MV0239B CONTROL CIRCUIT	U	2CEV	E-349-3	
51107		RC4608A	1CV4608AC	SV4608A CONTROL CIRCUIT	U	36312C	E-349-3	
51108					U	1CJM	E-349-3	
51118					U	1CJM	E-349-3	
51211		RC4608B	1CV4608BC	SV4608B CONTROL CIRCUIT	U	1CJM	E-349-3	
51505		RC4632	2CV4632B	SV4632 CONTROL CIRCUIT	U	2CEV	E-349-3	
51618	SFAS	HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	U	1CJL	E-349-3	
51609					U	1CJL	E-349-3	
52509		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	U	20325A	E-349-3	
52600		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	U	20324A	E-349-3	
52709		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	U	20326A	E-349-3	
56609	SFRCS	LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	U	38601A	E-349-3	
57209		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	U	38601A	E-349-3	
57719		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	U	1CDB	E-349-3	
57720					U	37525A	E-349-3	
57721					U	1CDB	E-349-3	
57722					U	1CJM	E-349-3	
57806		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	U	1CJL	E-349-3	
57907		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	U	1CJM	E-349-3	
58013		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	U	38360A	E-349-3	
58106		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	U	2CEV	E-349-3	
58107	U				38361A	E-349-3		
60617		RCPM3	1CRCPM31B	RCP MONITOR	U	1CJM	E-349-3	
60618					U	37525A	E-349-3	
60619					U	1CDB	E-349-3	
61413	SWS	SW1356	1CV1356D	SV1356 CONTROL CIRCUIT	U	1CJL	E-349-3	
61425			1CV1356E	SV1356 CONTROL CIRCUIT	U	1CJL	E-349-3	
61608		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	U	1CJL	E-349-3	
61623			1CV1358AH	SV1358 CONTROL CIRCUIT	U	1CJL	E-349-3	
61632			1CV1358AI	SV1358 CONTROL CIRCUIT	U	1CJL	E-349-3	
61646			1CV1358AJ	SV1358 CONTROL CIRCUIT	U	1CJL	E-349-3	
61654			1CV1358AK	SV1358 CONTROL CIRCUIT	U	1CJM	E-349-3	
61655					U	37137A	E-349-3	
61664			1CV1358AL	SV1358 CONTROL CIRCUIT	U	1CJM	E-349-3	
61665					U	37137A	E-349-3	
61819		SW1366	1CBE1142F	MV1366 CONTROL CIRCUIT	U	1CJL	E-349-2	
61830			1CBE1142G	MV1366 CONTROL CIRCUIT	U	1CJM	E-349-3	
61834E			1CBE1142H	MV1366 CONTROL CIRCUIT	U	1CJL	E-349-3	
62024		SW1368	1CBE1207F	MV1368 CONTROL CIRCUIT	U	1CJL	E-349-3	
63011		SW1424	1CV1424D	SV1424 CONTROL CIRCUIT	U	37035C	E-349-3	
63012					U	1CJL	E-349-3	
63013					U	37035B*	E-339	
63021					U	1CJL	E-349-3	
63022					U	37035C	E-349-3	
63023					U	37035B*	E-339	
63122						SW1429	1CV1429C	SV1429 CONTROL CIRCUIT
63123			U	37047D	E-349-3			
63156			2CV1429C	SV1429 CONTROL CIRCUIT	U	37450A	E-349-3	
63312		SW1434	2CV1434D	SV1434 CONTROL CIRCUIT	U	37450A	E-349-2	
63326			2CV1434G	SV1434 CONTROL CIRCUIT	U	37450A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00813B	AFWS	AF6452	1LLC6452B	AF6452 CONTROL CIRCUIT	UU	27118A*	E-333, 339	
01025B		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	UU	27116A*	E-333, 339	
01009B			1CLC6459H	FW6459 CONTROL CIRCUIT	UU	27116A*	E-333, 339	
01055B			1LLC6459A	FW6459 CONTROL CIRCUIT	UU	27118A*	E-333, 339	
01316A		ICS038B	ICAFP01B	ICS038B CONTROL CDE-12-1 TO C5709	UU	27112A*	E-333, 339	
02210A		MS5889A	1CV5889AB	SV5889A CONTROL CIRCUIT	UU	27115A*	E-333, 339	
02219A			1CV5889AC	SV5889A CONTROL CIRCUIT	UU	27115A*	E-333, 339	
02232A			1CV5889AG	SV5889A CONTROL CIRCUIT	UU	27115A*	E-333, 339	
02243B			1CV5889AH	SV5889A CONTROL CIRCUIT	UU	27115A*	E-333, 339	
19702	CCWS	CC5095	1CBE1226B	MV5095 CONTROL CIRCUIT	UU	37593A	E-349-1	
19749			1CBE1226I	MV5095 CONTROL CIRCUIT	UU	37593A	E-349-1	
20112		CC5097	1CBE1227B	MV5097 CONTROL CIRCUIT	UU	37593A	E-349-1	
20143			1CBE1227I	MV5097 CONTROL CIRCUIT	UU	37593A	E-349-1	
20504D		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
20521D			1CAC113C	MP0431 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
20549E			1CAC113E	MP0431 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
20905A		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
20918A			1CAC108C	MP0433 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
20992A			1CAC108H	MP0433 CONTROL CIRCUIT	UU	27111B*	E-333, 339	
21010A			1CAC108I	MP0433 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
21033			1CAC108K	MP0433 CONTROL CIRCUIT	UU	37593A	E-349-1	
21063A			1CACD2C	MP0433 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
21721	CREVS	S33-1	1CCEAC1C	MS3311 CONTROL CIRCUIT	UU	27121A	E-349-1	
24305A	DHRS	P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	UU	27113A*	E-333, 339	
24320D			1CAC112C	MP0421 CONTROL CIRCUIT	UU	27113A*	E-333, 339	
24343A			1CAC112F	MP0421 CONTROL CIRCUIT	UU	27113A*	E-333, 339	
24508A	EDG	DA1147A/B	1CGD104B	SV 1147A/B CONTROL CIRCUIT	UU	27113A*	E-333, 339	
24527A			1CGD104C	SV 1147A/B CONTROL CIRCUIT	UU	27113A*	E-333, 339	
24546			1CGD104E	SV1147A/B CONTROL CIRCUIT	UU	27120A	E-349-1	
24750A		K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
24768A			1CGD101N	EDG 1-1 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
24816A					UU	27112A*	E-339, 344, 356	
25870A			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
25890A			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
24844A			1CGD106A	EDG 1-1 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
25705	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	UU	27120A	E-349-1	
25725			1CABDC1L	ABDC1 CONTROL CIRCUIT	UU	27120A	E-349-1	
25745A			1CAC101C	AC101 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
25761A			1CAC101D	AC101 CONTROL CIRCUIT	UU	27112A*	E-333, 339	
25800A			1CAC1033A	SWGR C1 CONTROL	UU	27111A*	E-333, 339	
25815A			1CAC1033B	SWGR C1 CONTROL	UU	27111A*	E-333, 339	
25833A			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	UU	27115A*	E-333, 339	
26005		C2	1CAC110C	AC110 CONTROL CIRCUIT	UU	27120A	E-349-1	
28605A		E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
28628A			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	UU	27111A*	E-339, 333	
28644D			1CAC12CED	AC1CE12 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
28668A			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	UU	27111A*	E-333, 339	
26629		RC3601	1CD1P21B	CONTROL POWER TO RC3601	UU	27122A	E-349-1	
26740		RC3607	1CD1P21B	CONTROL POWER TO RC3601	UU	27122A	E-349-1	
26929		RC3701	1CD1P21B	CONTROL POWER TO RC3601	UU	27122A	E-349-1	
34413B	HPIS	P197-1	1CBE1296C	MP1971 CONTROL CIRCUIT	UU	27115A*	E-333, 339	
44076L	MUPS	P-371C	ACD117K	MP0371C CONTROL CIRCUIT	UU	27115A*	E-339	3 A
44076N					UU	27115B*	E-339	3 A
57618	SFRCS	PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	UU	27122A	E-349-1	
60416		RCPM1	1RCRPM11B	RCP MONITOR	UU	27122A	E-349-1	
61005	SWS	P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	UU	27121A	E-349-1	
61021			1CAC107C	MP0031 CONTROL CIRCUIT	UU	27121A	E-349-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61049	SWS	P3-1	1CAC107F	MP0031 CONTROL CIRCUIT	UU	27121A	E-349-1	
61205		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61216			1CAC109C	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61237			1CAC109D	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61281			1CACD4E	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
62420		SW1382	1CBE1218F	MV1382 CONTROL CIRCUIT	UU	27120A	E-349-1	
62912		SW1399	1CBE1277E	MV1399 CONTROL CIRCUIT	UU	27120A	E-349-1	
62947			1CBE1277G	MV1399 CONTROL CIRCUIT	UU	27120A	E-349-1	
63106		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	UU	27122A	E-349-1	
63613		SW2929	1CBE1281F	MV2929 CONTROL CIRCUIT	UU	27121A	E-349-1	
63813		SW2931	1CBE1282F	MV2931 CONTROL CIRCUIT	UU	27121A	E-349-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
00015	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	V	47102A	E-347		
00016					V	1CLA	E-347		
00017					V	1CLA	E-348		
00018					V	48553A	E-348		
00029			1CBE1146F	MV3869 CONTROL CIRCUIT	V	1CLA	E-347		
00030					V	1CLA	E-348		
00031					V	48225A	E-348		
00041					V	1CLA	E-347		
00042			1CBE1146G	MV3869 CONTROL CIRCUIT	V	1CLA	E-348		
00043					V	48553B	E-348		
00059					V	47102A	E-347		
00060					V	1CLA	E-347		
00061			1CBE1146H	MV3869 CONTROL CIRCUIT	V	1CLA	E-348		
00062					V	48553A	E-348		
00068					V	48257A	E-350		
00502					AF608	1CBE1160F	MV608 CONTROL CIRCUIT	V	38071B
00503	V	1CJM	E-350						
00504	V	1CJM	E-349-3						
00508	V	47102A	E-347						
00509	V	1CLA	E-347						
00510	V	1CLA	E-348						
00511	V	48553A	E-348						
00526	1CBE1160I	MV608 CONTROL CIRCUIT	V	1CJL				E-350, 349-3	
00527	V	38071A	E-350, 349-3						
00544	CDY-E2	MV608 DISCONNECT SWITCH (CH. 1)	V					E-350	
00876	AF6452	1CLY6453A	LY6453 CONTROL CIRCUIT	V	37805C	E-349-3			
00877				V	1CJL	E-349-3			
00884				V	1CJL	E-349-3			
00885				V	37805C	E-349-3			
01399B	MS106	1CD135B	MS106 CONTROL CIRCUIT	V	58078B	E-348	A		
01400				V	JB4582	E-348			
01401				V	58078A	E-348			
01402				V	36098G	E-348			
01403				V	1CLA	E-348			
01404				V	36098F	E-340			
01439				1CD135F	MV106 CONTROL CIRCUIT	V		38558A	E-350
01440				V	1CJM	E-350			
01450				1CD135H	MV106 CONTROL CIRCUIT	V		38356B	E-349-3, 350
01451				V	1CJM	E-349-3, 350			
01470				1CD135I	MV106 CONTROL CIRCUIT	V		38556A	E-350
01471				V	1CJL	E-350, 349			
01495				1CD135K	MV106 CONTROL CIRCUIT	V		1CJM	E-350
01496				V	38558A	E-350			
01499				1CD135L	MV106 CONTROL CIRCUIT	V		38356B	E-350
01500				V	1CJM	E-349-3, 350			
01555				1CD135P	MV106 CONTROL CIRCUIT	V		38556B	E-350
01556				V	1CJM	E-350			
01571				1CD135R	MV106 CONTROL CIRCUIT	V		1CJM	E-350, 349-3
01572				V	38558A	E-350, 349-3			
01581				1CD135U	MV106 CONTROL CIRCUIT	V		38042A	E-350
01582				V	38557A	E-350			
01583				V	1CJL	E-350			
01594				1CD135V	MV106 CONTROL CIRCUIT	V		1CJM	E-350, 349-3
01595				V	38556B	E-350, 349-3			
01597				1CD135Y	MV106 CONTROL CIRCUIT	V		37805B	E-349-3
01598				V	1CJL	E-349-3			
01599				V	1CJL	E-350			
01600				V	38557A	E-350			
01610				CDE-11C	MV106 DISCONNECT SWITCH (CH. 1)	V			E-350
01621	NCDE-11C	MV106 LOCAL CONTROLLER (CH. 1)	V		E-350				
01704	MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	V	36096G	E-348			
01705				V	1CLA	E-348, 347			
01706				V	36096F	E-350			
01730				1CBE1271G	MS106A CONTROL CIRCUIT	V	36096F	E-350	
01731				V	36096G	E-348			
01732				V	1CLA	E-348, 347			
01743				1CBE1271H	MV106A CONTROL CIRCUIT	V	1CLA	E-348	
01744				V	36096G	E-348			
01745				V	36096F	E-350			
01761				1CBE1271J	MV106A CONTROL CIRCUIT	V	1CLA	E-348, 347	
01762				V	36096G	E-348			
01763				V	36096F	E-350			
01782				1CBE1271K	MV106A CONTROL CIRCUIT	V	1CJM	E-350	
01783				V	38556B	E-350			
01784				1CBE1271L	MV106A CONTROL CIRCUIT	V	38557A	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01785	AFWS	MS106A	1CBE1271L	MV106A CONTROL CIRCUIT	V	1CJL	E-350	
01789					V	36096G	E-348	
01790					V	1CLA	E-348, 347	
01791					V	36096F	E-350	
01810			CDE-11C	MV106A DISCONNECT SWITCH (CH. 1)	V		E-350	
02101		MS107A	2CBF1188B	MV107A CONTROL CIRCUIT	V	48039A	E-348	
02104			2CBF1188F	MV107A CONTROL CIRCUIT	V	48054A	E-348	
02105			2CBF1188G	MV107A CONTROL CIRCUIT	V	48043A	E-348	
02117			2CBF1188H	MV107A CONTROL CIRCUIT	V	48050A	E-356-1	
02125			2CBF1188J	MV107A CONTROL CIRCUIT	V	48050A	E-356-1	
02141			2CBF1188L	MV107A CONTROL CIRCUIT	V	48050A	E-356-1	
02147			2PBF1188A	MV107A POWER CIRCUIT	V	48044A	E-348	
02148			BF1188	MV107A CIRCUIT BREAKER (CH. 2)	V		E-348	
02151			CDF-11B	MV107A DISCONNECT SWITCH (CH. 2)	V		E-348	
17700	CCWS	CC1407A	1CBE1173C	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17706			1CBE1173E	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17707					V	1CJM	E-350	
17713			1CBE1173F	MV1407A CONTROL CIRCUIT	V	1CJL	E-350	
17714					V	38375A	E-350	
17715					V	38561A	E-350	
17716			1CBE1173G	MV1407A CONTROL CIRCUIT	V	38559A	E-350	
17717					V	1CJL	E-350	
17725			1PBE1173A	MV1407A POWER CIRCUIT	V	38001A*	E-340	
17731			BE1173	MV1407A CIRCUIT BREAKER (CH. 1)	V		E-350	
17735			CDE-11B-2	MV1407A DISCONNECT SWITCH (CH. 1)	V		E-350	
17800		CC1407B	2CBF1158B	MV1407B CONTROL CIRCUIT	V	JB3800	E-350	
17801					V	48319A	E-350	
17810			2CBF1158E	MV1407B CONTROL CIRCUIT	V	48052A	E-356-1	
17811			2CBF1158F	MV1407B CONTROL CIRCUIT	V	48049A	E-348	
17812			2CBF1158G	MV1407B CONTROL CIRCUIT	V	48053A	E-356-1	
17818			2PBF1158A	MV1407B POWER CIRCUIT	V	48025A	E-345, 344	
17820			BF1158	MV1407B CIRCUIT BREAKER (CH. 2)	V		E-348	
17824			CDF-11B	MV1407B DISCONNECT SWITCH (CH. 2)	V		E-348	
18100		CC1411A	1CBE1176C	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18106			1CBE1176E	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18107					V	1CJM	E-350	
18112			1CBE1176F	MV1411A CONTROL CIRCUIT	V	1CJM	E-350	
18113					V	38379A	E-350	
18114					V	38563A	E-350	
18115			1CBE1176G	MV1411A CONTROL CIRCUIT	V	38562A	E-350	
18116					V	1CJL	E-350	
18123			1CBE1176H	MV1411A CONTROL CIRCUIT	V	1CJL	E-350	
18124					V	38378A	E-350	
18125					V	37604A	E-350	
18135			1CLR3757A	MV1411A CONTROL CIRCUIT	V	1CJL	E-349-3	
18136					V	37604A	E-349-3	
18139			1CLR3757B	MV1411A CONTROL CIRCUIT	V	37604A	E-349-3	
18140					V	1CJL	E-349-3	
18148			1PBE1176A	MV1411A POWER CIRCUIT	V	38002A	E-340	
18149					V	38002A*	E-340	
18154			BE1176	MV1411A CIRCUIT BREAKER (CH. 1)	V		E-350	
18157			CDE-11B-1	MV1411A DISCONNECT SWITCH (CH. 1)	V		E-350	
18200		CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	V	JB3800	E-350	
18201					V	48315A	E-350	
18205			2CBF1159E	MV1411B CONTROL CIRCUIT	V	48052A	E-356-1	
18211			2CBF1159F	MV1411B CONTROL CIRCUIT	V	48049A	E-348	
18212			2CBF1159G	MV1411B CONTROL CIRCUIT	V	48053A	E-356-1	
18218			2CBF1159H	MV1411B CONTROL CIRCUIT	V	48052A	E-348	
18249			2PBF1159A	MV1411B POWER CIRCUIT	V	48026A	E-344, 345	
18250					V	48026A*	E-344, 345	
18252			BF1159	MV1411B CIRCUIT BREAKER (CH. 2)	V		E-348	
18255			CDF-11B	MV1411B DISCONNECT SWITCH (CH. 2)	V		E-348	
18941		CC2645	1CBE1161J	MV2645 CONTROL CIRCUIT	V	37604A	E-349-3	
18942					V	1CJL	E-349-3	
18974			1CLR3757A	MV2645 CONTROL CIRCUIT	V	37604A	E-349-3	
18985			1CLR3757B	MV2645 CONTROL CIRCUIT	V	37604A	E-349-3	
19754		CC5095	1CBE1226J	MV5095 CONTROL CIRCUIT	V	37604A	E-349-3	
19755					V	1CJL	E-349-3	
19790			1CLR3757A	MV5095 CONTROL CIRCUIT	V	37604A	E-349-3	
19801			1CLR3757B	MV5095 CONTROL CIRCUIT	V	37604A	E-349-3	
20162		CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	V	1CJL	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20163	CCWS	CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	V	37604A	E-349-3	
20198			1CLR3757A	MV5097 CONTROL CIRCUIT	V	1CJL	E-349-3	
20199					V	37604A	E-349-3	
20208			1CLR3757B	MV5097 CONTROL CIRCUIT	V	37604A	E-349-3	
21402	CFS	CF01B	1CBE1162C	MVCF01B CONTROL CIRCUIT	V	1CJP	E-350	
21409			1CBE1162E	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21410					V	38381A	E-350	
21411					V	1CJM	E-350	
21418			1CBE1162F	MVCF01B CONTROL CIRCUIT	V	1CJL	E-350	
21419					V	38562A	E-350	
21426			1CBE1162G	MVCF01B CONTROL CIRCUIT	V	1CJM	E-350	
21427					V	1CJP	E-350	
21428			1CVCF01BA	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21429					V	38381A	E-350	
21430					V	1CJM	E-350	
21437			1CVCF01BB	MVCF01B CONTROL CIRCUIT	V	38562B	E-350	
21438					V	1CJL	E-350	
21441			1CVCF01BC	MVCF01B CONTROL CIRCUIT	V	1CJP	E-350	
21442					V	38564A	E-350	
21443					V	1CJM	E-350	
21450			1PBEL162A	CF01B POWER CIRCUIT	V	38010A	E-350	
21453C					V	38010A*	E-340	
21460			BE1162	MVCF01B CIRCUIT BREAKER (CH. 1)	V		E-350	
21463			CDE-11B-1	MVCF01B DISCONNECT SWITCH (CH. 1)	V		E-350	
21901	CSS	CS1530	1CBE1156B	MV1530 CONTROL CIRCUIT	V	JB3805	E-350	
21902					V	1CJQ	E-350	
21904			1CBE1156D	MV1530 CONTROL CIRCUIT	V	38558A	E-350	
21905					V	1CJM	E-350	
21907					V	38350A	E-350	
21908					V	JB3805	E-350	
21909					V	1CJQ	E-350	
21915			1CBE1156F	MV1530 CONTROL CIRCUIT (DH09B INTLK)	V	1CFF	E-350	
21916					V	1CJM	E-350	
21917					V	38401B	E-350	
21926			1CBE1156H	MV1530 CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
21927					V	38350A	E-350, 349-3	
21928					V	JB3805	E-350	
21929					V	1CJQ	E-350	
21930			1CBE1156I	MV1530 CONTROL CIRCUIT	V	38558A	E-350	
21931					V	1CJM	E-350	
21933					V	38350A	E-350	
21934					V	JB3805	E-350	
21935					V	1CJQ	E-350	
21942			1CBE1156J	MV1530 CONTROL CIRCUIT	V	1CJL	E-350, 349-3	
21943					V	38556A	E-350, 349-3	
21945			1PBEL156A	MV1530 POWER CIRCUIT	V	JB3805	E-350	
21946					V	1CJQ	E-350	
21947			BE1156	MV1530 CIRCUIT BREAKER (CH. 1)	V		E-350	
21950			CDE-11C	MV1530 DISCONNECT SWITCH (CH. 1)	V		E-350	
22002B		CS1531	2CBF1147B	MV1531 CONTROL CIRCUIT	V	48030A*	E-344, 345	
22004			2CBF1147D	MV1531 CONTROL CIRCUIT	V	48049A	E-348	
22022			2CBF1147H	MV1531 CONTROL CIRCUIT	V	48051A	E-356-1	
22023			2CBF1147I	MV1531 CONTROL CIRCUIT	V	48049A	E-348	
22029			2CBF1147J	MV1531 CONTROL CIRCUIT	V	48053A	E-356-1	
22030			2PBF1147A	MV1531 POWER CIRCUIT	V	48029A	E-345	
22033B					V	48029A*	E-344, 345	
22034			BF1147	MV1531 CIRCUIT BREAKER (CH. 2)	V		E-348	
22037			CDF-11B	MV1531 DISCONNECT SWITCH (CH. 2)	V		E-348	
22129		P56-1	1CBE111F	MP0561 CONTROL CIRCUIT	V	38401B	E-350	
22130					V	1CJM	E-350	
22131					V	1CFF	E-350	
22404	DHRS	DH01B	1CBE1106E	MVDH01B CONTROL CIRCUIT	V	38552A	E-350	
22405					V	1CJM	E-350	
22414			1CBE1106F	MVDH01B CONTROL CIRCUIT	V	1CJL	E-350	
22415					V	38550A	E-350	
22417			1CBE1106I	MVDH01B CONTROL CIRCUIT	V	38559A	E-350	
22418					V	38550A	E-350	
22419					V	1CJL	E-350	
22426			1CBE1106J	MVDH01B CONTROL CIRCUIT	V	1CJM	E-350	
22427					V	38551A	E-350	
22433			CDE-11A	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22434			CDE-11B-2	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22501		DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	V	48036B*	E-340	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
22502	DHRS	DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	V	48036A*	E-340, 345			
22504			2CBF1148C	MVDH07A CONTROL CIRCUIT	V	48036B*	E-340			
22505						V	48036A*	E-340, 345		
22513					2CBF1148F	MVDH07A CONTROL CIRCUIT	V	48050A	E-348	
22519					2CBF1148G	MVDH07A CONTROL CIRCUIT	V	48050A	E-348	
22520					2CBF1148H	MVDH07A CONTROL CIRCUIT	V	48054A	E-348	
22526					2CBF1148I	MVDH07A CONTROL CIRCUIT	V	48053A	E-348	
22533					2PBF1148A	MVDH07A POWER CIRCUIT	V	48035A	E-345	
22535							V	48035B*	E-340	
22536							V	48035A*	E-340, 345	
22537					BF1148	MVDH07A CIRCUIT BREAKER (CH. 2)	V		E-348	
22541					CDF-11B	MVDH07A DISCONNECT SWITCH (CH. 2)	V		E-350	
22614			DH07B		1CBEL157F	MVDH07B CONTROL CIRCUIT	V	1CJM	E-350	
22615						V	1CFF	E-350		
22624					1CBEL157G	MVDH07B CONTROL CIRCUIT	V	1CJM	E-350	
22625							V	1CFF	E-350	
22628					1CBEL157H	MVDH07B CONTROL CIRCUIT	V	38551A	E-350	
22629							V	1CJM	E-350	
22630							V	1CFF	E-350	
22639					1CBEL157I	MVDH07B CONTROL CIRCUIT	V	1CJL	E-350	
22640							V	38550A	E-350	
22654					CDE-11A	MVDH07B DISCONNECT SWITCH (CH. 1)	V		E-350	
22810	DH09B		1CBEL112E	MVDH09B CONTROL CIRCUIT	V	1CJM	E-350			
22811						V	1CFF	E-350		
22820					1CBEL112F	MVDH09B CONTROL CIRCUIT	V	1CJM	E-350	
22821							V	1CFF	E-350	
22824					1CBEL112G	MVDH09B CONTROL CIRCUIT	V	38552A	E-350	
22825							V	1CJM	E-350	
22826							V	1CFF	E-350	
22835					1CBEL112H	MVDH09B CONTROL CIRCUIT	V	1CJL	E-350	
22836							V	38550A	E-350	
22850					CDE-11A	MVDH09B DISCONNECT SWITCH (CH. 1)	V		E-350	
23002	DH12		1CBEL183C	MVDH12 CONTROL CIRCUIT	V	1CJP	E-350			
23007					1CBEL183F	MVDH12 CONTROL CIRCUIT	V	38560A	E-350	
23008							V	38375A	E-350	
23009							V	1CJL	E-350	
23018					1CBEL183G	MVDH12 CONTROL CIRCUIT	V	1CJL	E-350	
23019							V	38559A	E-350	
23021					1CBEL183I	MVDH12 CONTROL CIRCUIT	V	38375A	E-350	
23022							V	38560A	E-350	
23023							V	1CJL	E-350	
23032					1CBEL183J	MVDH12 CONTROL CIRCUIT	V	1CJL	E-350	
23033							V	38559A	E-350	
23036C					1PBE183A	MVDH12 POWER CIRCUIT	V	38001A*	E-340	
23037							V	38001A	E-340	
23042			BE1183	MVDH12 CIRCUIT BREAKER (CH. 1)	V		E-350			
23044			CDE-11B-2	MVDH12 DISCONNECT SWITCH (CH. 1)	V		E-350			
23700	DH2733		1CBEL121B	MV2733 CONTROL CIRCUIT	V	1CJM	E-350			
23701						V	38551A	E-350		
23702							V	1CFF	E-350	
23711					1CBEL121C	MV2733 CONTROL CIRCUIT	V	1CJL	E-350	
23712							V	38550A	E-350	
23730					1CBEL121H	MV2733 CONTROL CIRCUIT	V	1CFF	E-350	
23738			CDE-11A	MV2733 DISCONNECT SWITCH (CH. 1)	V		E-350			
23845E	DH2735		1CBEL155C	DH2735 CONTROL CIRCUIT	V	1CJP	E-350			
23845K					1CBEL155E	DH2735 CONTROL CIRCUIT	V	38386A	E-350	
23845L							V	1CJM	E-350	
23845M							V	38564A	E-350	
23845N					1CBEL155F	DH2735 CONTROL CIRCUIT	V	38562A	E-350	
23845P							V	1CJL	E-350, 349-3	
23844					1PBE155A	DH2735 CONTROL CIRCUIT	V	38385A	E-350	
23848					BE1155	DH2735 CONTROL CIRCUIT	V		E-350	
23847					CDE-11B-1	DH2735 CONTROL CIRCUIT	V		E-350	
24006			DH64		1CBEL187C	MVDH64 CONTROL CIRCUIT	V	1CFF	E-350	
24007						V	1CJM	E-350		
24008							V	48114A	E-350	
24010							V	48114A	E-348	
24020					1CBEL187F	MVDH64 CONTROL CIRCUIT	V	1CLA	E-347	
24021							V	1CLA	E-348	
24022							V	48135A	E-348	
24027					1PBE187A	MVDH64 POWER CIRCUIT	V	18235A	E-350	
32048	ESSPWR	C4808			1CY108AC	CONTROL POWER FROM Y1A	V	47000A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
32050	ESSPWR	C4808	1CY108AC	CONTROL POWER FROM Y1A	V	1CLA	E-347, 348					
32050A					V	48554E	E-348					
31950		CS761A	1CYE211A	INST POWER TO SFRCS LOGIC CH 3	V	38424A	E-350					
31951					V	1CJL	E-350					
31862		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	V	37604A	E-349-3					
31863					V	1CJL	E-349-3					
31884					V	37479A	E-350					
31885					V	1CJL	E-349-3					
31886					V	37604A	E-349-3					
31889					V	38562B	E-350					
31890					V	37479B	E-350					
31891					V	1CJL	E-350					
31892					V	38561A	E-350					
31893					V	38562B	E-350					
31894	V	1CJL	E-350									
31894A		CDE-11B-2	CDE-11B-2	CONTROL DISCONNECT SWITCH (DH12)	V		E-350					
28900	E11B		1PBEL120A	BE1120 POWER CIRCUIT	V	28306A	E-350					
28903					E11B	480VAC ESSEN MCC E11B (CH. 1)	V		E-350			
29000	E11C		1PBEL101A	BE1101 POWER CIRCUIT	V	28307A	E-350					
29003					E11C	480VAC ESSEN MCC E11C (CH. 1)	V		E-350			
29203	E11E		1PBEL150A	BE1150 POWER CIRCUIT	V	38156A	E-350					
29204					V	JB3805	E-350					
29205					V	1CJS	E-350					
30600	F11B		2PBF1137A	BF1137 POWER CIRCUIT	V	47007A	E-345					
30603					F11B	480VAC ESSEN MCC F11B (CH. 2)	V		E-345			
26612	RC3601		1CD1P21A	CONTROL POWER TO RC3701	V	37805A	E-349-3					
26613					V	1CJL	E-349-3					
26632					V	37805A	E-349-3					
26633					V	1CJL	E-349-3					
26654					V	1CJL	E-349-3					
26655	V	37805C	E-349-3									
26727	RC3607		1CD1P21A	CONTROL POWER TO RC3601	V	37805A	E-349-3					
26728					V	1CJL	E-349-3					
26743					V	37805A	E-349-3					
26744					V	1CJL	E-349-3					
26765			1CD1P21C	CONTROL POWER TO CDE11D	V	1CJL	E-349-3					
26766					V	37805C	E-349-3					
26912	RC3701		1CD1P21A	CONTROL POWER TO RC3701	V	37805A	E-349-3					
26913					V	1CJL	E-349-3					
26932					V	37805A	E-349-3					
26933					V	1CJL	E-349-3					
26954					V	1CJL	E-349-3					
26955	V	37805C	E-349-3									
26771A	RC3706		RC3706	RELAY CABINET NON SSD LOADS	V		E-350					
27403D	RC4802		APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	V	46346B	E-348					
27403E					V	JB4813	E-348					
27403F					V	48430A	E-348					
32900	YE2		1PBEL180B	BE1180 POWER CIRCUIT	V	38094A	E-350					
32901					1PBEL180C	BE1180 POWER CIRCUIT	V	38094B	E-350			
32902					XYE2A	480/240VAC XFMR XYE2A (CH. 1)	V		E-350			
32903					YE2	240/120VAC MCC YE2 (CH. 1)	V		E-350			
34004	HPIS	HP02C	1CBEL103E	MVHP02C CONTROL CIRCUIT	V	1CJM	E-350					
34005					V	38552A	E-350					
34006					V	1CFF	E-350					
34015					V	1CJL	E-350					
34016					V	38550A	E-350					
34023					V	1CJM	E-349-3					
34024					V	1CFF	E-349-3					
34031					CDE-11A	MVHP02C DISCONNECT SWITCH (CH. 1)	V		E-350			
34104					HP02D		1CBEL105E	MVHP02D CONTROL CIRCUIT	V	1CJM	E-350	
34105									V	38552A	E-350	
34106	V	1CFF	E-350									
34115	V	1CJL	E-350									
34116	V	38550A	E-350									

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34123	HPIS	HP02D	1CBEL105G	MVHP02D CONTROL CIRCUIT	V	1CJM	E-349-3, 350	
34124					V	1CFF	E-349-3	
34131			CDE-11A	MVHP02D DISCONNECT SWITCH (CH. 1)	V		E-350	
34303		HP32	1CBEL286D	MVHP32 CONTROL CIRCUIT	V	38071B	E-350	
34304					V	1CJM	E-350	
34305					V	1CFF	E-350	
34319			1CBEL286F	MVHP32 CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
34320					V	38071B	E-350, 349-3	
34324			CDY-E2	MVHP32 DISCONNECT SWITCH (CH. 1)	V		E-350	
34419		P197-1	1CBEL296C	MP1971 CONTROL CIRCUIT	V	1CJM	E-349-3, 350	
34420					V	1CFF	E-350	
34510		P197-2	1CD106B	MP1972 CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
34511					V	1CFF	E-350	
34534			1CD106D	MP1972 CONTROL CIRCUIT	V	1CJM	E-350	
34535					V	1CFF	E-350	
36010	HVAC	C71-1	1CBEL217E	MC0711 CONTROL CIRCUIT	V	1CJP	E-350	
36011					V	1CJM	E-349-3, 350	
37410		HV5305A	1CBEL240E	MV5305A CONTROL CIRCUIT	V	1CJP	E-350	
37411					V	1CJM	E-350, 349-3	
37509		HV5305B	1CBEL241E	MV5305B CONTROL CIRCUIT	V	1CJP	E-350	
37510					V	1CJM	E-349-3, 350	
39703	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	V	38514A	E-350, 349-3	
39704					V	1CJL	E-350, 349-3	
39707					V	38069A	E-350	
39708					V	JB3805	E-350	
39709					V	1CJL	E-350	
39710A					V	38069B*	E-340, 359	
39720B			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	V	38069B*	E-340, 359	
39722					V	JB3805	E-350	
39723					V	38514A	E-350	
39724					V	1CJL	E-350	
40720	MUPS	F59-1	N/A	SEAL INJECTION FILTER 1-1	V	MAN		
40725		F59-2	N/A	SEAL INJECTION FILTER 1-2	V	MAN		
41002		MU02A	1CBEL171C	MVMU02A CONTROL CIRCUIT	V	1CJP	E-350	
41009			1CBEL171E	MVMU02A CONTROL CIRCUIT	V	1CJM	E-350	
41010					V	38563A	E-350	
41011					V	1CJP	E-350	
41020			1CBEL171F	MVMU02A CONTROL CIRCUIT	V	38562A	E-350	
41021					V	1CJL	E-350	
41028			1CBEL171G	MVMU02A CONTROL CIRCUIT	V	1CJM	E-350	
41029					V	1CJP	E-350	
41033			1PBEL171A	MVMU02A POWER CIRCUIT	V	38003A	E-340	
41040			BE1171	MVMU02A CIRCUIT BREAKER (CH. 1)	V		E-350	
41043			CDE-11B-1	MVMU02A DISCONNECT SWITCH (CH. 1)	V		E-350	
41100		MU02B	1CBEL172C	MVMU02B CONTROL CIRCUIT	V	1CJP	E-350	
41107			1CBEL172E	MVMU02B CONTROL CIRCUIT	V	1CJM	E-350	
41108					V	38563A	E-350	
41109					V	1CJP	E-350	
41118			1CBEL172F	MVMU02B CONTROL CIRCUIT	V	1CJL	E-350	
41119					V	38562A	E-350	
41123			1CBEL172G	MVMU02B CONTROL CIRCUIT	V	JB3805	E-350	
41124					V	38210A	E-350	
41125					V	38013B	E-350	
41126					V	1CJP	E-350	
41147			1PBEL172A	MVMU02B POWER CIRCUIT	V	38004A	E-340	
41152			BE1172	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	V		E-350	
41154			CDE-11B-1	MVMU02B DISCONNECT SWITCH (CH. 1)	V		E-350	
41228A		MU03	2CVMU03C	SVMU03 CONTROL CIRCUIT	V	28107B*	E-339, 340	
41240A			2CVMU03E	SVMU03 CONTROL CIRCUIT	V	28107B*	E-339, 340	
42102		MU04	ACBE2259C	MU4 CONTROL CIRCUIT	V	ACFG	E-350	
42103					V	ACJH	E-349, 350	
41304		MU10A	ACBE2262C	MU10A CONTROL CIRCUIT	V	ACFG	E-350	
41305					V	ACJH	E-349, 350	
41404		MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	V	ACFG	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41405	MUPS	MU10B	ACBE2263C	MU10B CONTROL CIRCUIT	V	ACJH	E-349, 350	
41505		MU11	ACBE2278C	MU11 CONTROL CIRCUIT	V	ACFG	E-350	
41506					V	ACJH	E-349, 350	
41527			ACBE2278I	MU11 CONTROL CIRCUIT	V	ACFG	E-350	
41528					V	ACJH	E-349, 350	
41553			ACBE2278L	MU11 CONTROL CIRCUIT	V	ACFG	E-350	
41554					V	ACJH	E-349, 350	
41601		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	V	BCFE	E-348	
41605					V	BCFE	E-348, 347	
41614			BCNNI264A	MU19 CONTROL CIRCUIT	V	BCFE	E-348, 347	
41619					V	BCFE	E-348	
41621			BCY36218A	MU19 CONTROL CIRCUIT	V	BCLB	E-347, 348	
41622					V	48090C	E-348	
41623					V	BCFE	E-348	
41628					V	BCFE	E-348	
41656			BLNNI264B	MU19 CONTROL CIRCUIT	V	BLFC	E-348, 347	
41704		MU1903	ACBE2271C	MU1903 CONTROL CIRCUIT	V	ACFG	E-350	
41705					V	ACJH	E-349, 350	
41924A		MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	V	28107B*	E-339, 340	
41935A			2CVMU38D	SVMU38 CONTROL CIRCUIT	V	28107B*	E-339, 340	
41943C			2CVMU38E	SVMU38 CONTROL CIRCUIT	V	28107B*	E-339, 340	
42056		MU3971	ACHILOWAA	MV3971 CONTROL CIRCUIT	V	48091A	E-348	
42057					V	ACLC	E-348, 347	
42055			BCHILOW2A	MV3971 CONTROL CIRCUIT	V	BCFE	E-347, 348	
42078			RC4802	MV3971 RELAY CABINET (CH B)	V		E-338	
42200		MU59A	1CBEL174C	MU59A CONTROL CIRCUIT	V	1CJP	E-350	
42207			1CBEL174E	MU59A CONTROL CIRCUIT	V	1CJP	E-350	
42208					V	1CJM	E-350	
42209					V	38563A	E-350	
42210			1CBEL174F	MU59A CONTROL CIRCUIT	V	38562A	E-350	
42211					V	1CJL	E-349, 350	
42220			1CBEL174G	MU59A CONTROL CIRCUIT	V	38378A	E-350	
42221					V	1CJL	E-349, 350	
42228			1PBE1174A	MU59A POWER CIRCUIT	V	38006A	E-350	
42228A					V	38006A*	E-340	
42236			BE1174	MU59A CIRCUIT BREAKER (CH 1)	V		E-350	
42244			CDE11B-1	MU59A DISCONNECT SWITCH (CH 1)	V		E-350	
42300		MU59B	1CBEL175C	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42307			1CBEL175E	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42308					V	1CJM	E-350	
42309					V	38563A	E-350	
42310			1CBEL175F	MU59B CONTROL CIRCUIT	V	38562A	E-350	
42311					V	1CJL	E-349, 350	
42320			1CBEL175G	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42321					V	1CJM	E-349, 350	
42328			1PBE1175A	MU59B POWER CIRCUIT	V	38005A	E-350	
42328A					V	38005A*	E-340	
42334			BE1175	MU59B CIRCUIT BREAKER (CH 1)	V		E-350	
42342			CDE11B-1	MU59B DISCONNECT SWITCH (CH 1)	V		E-350	
42400		MU59C	1CBEL177C	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42407			1CBEL177E	MU59C CONTROL CIRCUIT	V	38378A	E-350	
42408					V	1CJL	E-350	
42409					V	38561A	E-350	
42410			1CBEL177F	MU59C CONTROL CIRCUIT	V	38559A	E-350	
42411					V	1CJL	E-349, 350	
42420			1CBEL177G	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42421					V	1CJM	E-349, 350	
42428			1PBE1177A	MU59C POWER CIRCUIT	V	38007A	E-350	
42428A					V	38007A*	E-340	
42434			BE1177	MU59C CIRCUIT BREAKER (CH 1)	V		E-350	
42441			CDE11B-2	MU59C DISCONNECT SWITCH (CH 1)	V		E-350	
42500		MU59D	1CBEL178C	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42507			1CBEL178E	MU59D CONTROL CIRCUIT	V	38378A	E-350	
42508					V	1CJL	E-350	
42509					V	38560A	E-350	
42510			1CBEL178F	MU59D CONTROL CIRCUIT	V	38559A	E-350	
42511					V	1CJL	E-349, 350	
42520			1CBEL178G	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42521					V	1CJM	E-349, 350	
42528			1PBE1178A	MU59D POWER CIRCUIT	V	38008A	E-350	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42528A	MUPS	MU59D	1PBE1178A	MU59D POWER CIRCUIT	V	38008A*	E-340	
42536			BE1178	MU59D CIRCUIT BREAKER (CH 1)	V		E-350	
42543			CDE11B-2	MU59D DISCONNECT SWITCH (CH 1)	V		E-350	
42618		MU6405	1CBE1127C	MV6405 CONTROL CIRCUIT	V	1CLA	E-347, 348	
42619					V	48083A	E-348	
42631			ACHILOW1A	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42632					V	ACL	E-348	
42633					V	48556A	E-348	
42635			ACHILOWAA	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42636					V	ACL	E-348, 347	
42654			RC4801	MV6405 RELAY CABINET (CH A)	V		E-338	
42655			RC4802	MV6405 RELAY CABINET (CH A)	V		E-338	
42821		MU6407	1CV6407D	SVMU6407 CONTROL CIRCUIT	V	1CLA	E-347	
42822					V	48083A	E-348	
42828			RC4801	SVMU6407 RELAY CABINET (CH 1)	V		E-348	
43100		MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	V	38071A	E-350	
43101					V	1CJL	E-350, 349-3	
43116			1CBE1295B	MV6419 CONTROL CIRCUIT	V	1CJM	E-349-3	
43117					V	38071C	E-350	
43131			CDYE2	MV6419 DISCONNECT SWITCH (CH 1)	V		E-350	
43503A		MU66A	2CVMU66AB	SVMU66A CONTROL CIRCUIT	V	28107B*	E-339, 340	
43518C			2CVMU66AD	SVMU66A CONTROL CIRCUIT	V	28107B*	E-339, 340	
43631		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	V	1CFF	E-350	
43632					V	1CJM	E-349, 350	
43604			1CVMU66BB	VMU66B CONTROL CIRCUIT	V	1CFF	E-350	
43606					V	1CJM	E-350, 349-3	
43623			1CVMU66BD	VMU66B CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
43625					V	1CFF	E-350	
43731		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	V	1CFF	E-350	
43732					V	1CJM	E-349, 350	
43704			1CVMU66CB	VMU66C CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
43705					V	1CFF	E-350	
43719			1CVMU66CD	VMU66C CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
43720					V	1CFF	E-350	
43804C		MU66D	2CVMU66DB	SVMU66D CONTROL CIRCUIT	V	28107B*	E-339, 340	
43816C			2CVMU66DD	SVMU66D CONTROL CIRCUIT	V	28107B*	E-339, 340	
44062B		P-371C	ACD117J	MP0371C CONTROL CIRCUIT	V	1CJM	E-349-3, 350	3 A
44062C					V	1CFF	E-350	3 A
44062D					V	1CFF	E-336	3 A
44076W			ACD117K	MP0371C CONTROL CIRCUIT	V	1CJM	E-349-3, 350	3 A
44076X					V	1CFF	E-350	3 A
44147		P-371D	ACBE1192G	MP0371D CONTROL CIRCUIT	V	ACJH	E-350	3 D
44157			ACBE1192I	MP0371D CONTROL CIRCUIT	V	ACJH	E-349-2, 350	3 D
44162					V	ACFG	E-350	3 D
44156N			ACBE1192L	MP0371D CONTROL CIRCUIT	V	36312C	E-349-3	3 A
44156P					V	1CJM	E-349-3, 350	3 A
44156Q					V	1CFF	E-350	3 A
44171L			ACBE1192M	MP0371D CONTROL CIRCUIT	V	36312C	E-349-3	3 A
44171M					V	1CJM	E-349-3, 350	3 A
44171N					V	1CFF	E-350	3 A
44216		P-372B	BCBF1167C	MP0372B CONTROL CIRCUIT	V	BCFE	E-348	
44217					V	48090B	E-348	
44218					V	BCFE	E-348	
44219					V	BCLB	E-347	
44327		P-372C	BCD217D	MP0372C CONTROL CIRCUIT	V	BCFE	E-348	
44328					V	48090A	E-347	
44329					V	BCLB	E-347	
44343B			BCD217E	MP0372C CONTROL CIRCUIT	V	28050B*	E-333, 334	
44353			BCD217F	MP0372C CONTROL CIRCUIT	V	BCFE	E-348	
44369			BCD217G	MP0372C CONTROL CIRCUIT	V	BCFE	E-348	
44370					V	48090A	E-348	
44371					V	BCFE	E-348	
44372					V	BCLB	E-347	
44420		P-372D	BCBF1168D	MP372D CONTROL CIRCUIT	V	BCFE	E-348	
44421					V	48090B	E-347, 348	
44422					V	BCLB	E-347, 348	
44436			BCBF1168E	MP372D CONTROL CIRCUIT	V	BCFE	E-348	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44437	MUPS	P-372D	BCBF1168E	MP372D CONTROL CIRCUIT	V	48090B	E-347, 348	
44438					V	BCLB	E-347, 348	
44458			BCBF1168F	MP372D CONTROL CIRCUIT	V	BCFE	E-348, 347	
44469			BCBF1168G	MP372D CONTROL CIRCUIT	V	BCFE	E-348	
44470					V	48040A	E-347, 348	
44471					V	BCLB	E-347, 348	
44486			BCBF1168I	MP372D CONTROL CIRCUIT	V	BCFE	E-348	
44487					V	48090A	E-348, 347	
44488					V	BCLB	E-348, 347	
44615L		P37-1	ACAC105L	MP0371A CONTROL CIRCUIT	V	36312C	E-349-3	3 A
44615M					V	1CJM	E-349-3	3 A
44623L			ACAC105M	MP0371A CONTROL CIRCUIT	V	36312C	E-349-3	3 A
44623M					V	1CJM	E-349-3	3 A
44664L			ACAC105N	MP0371A CONTROL CIRCUIT	V	36312C	E349-3	3 A
44664M					V	1CJM	E349-3, 350	3 A
44664N					V	1CFF	E-350	3 A
44762		P37-2	BCAD105G	MP0372A CONTROL CIRCUIT	V	BCFE	E-348	
44779			BCAD105H	MP0372A CONTROL CIRCUIT	V	BCFE	E-348	
44780					V	48090B	E-348	
44781					V	BCFE	E-348	
44782					V	BCLB	E-347	
45215	NI	NI-5874A	1LNF5874G	NE5874, NI5874A INDICATING CIRCUIT	V	48554C	E-348	
45216					V	JB4850	E-348	
45217					V	48408B	E-348	
45701		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	V	38600A	E-350, 349-3	
45707			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	V	38600A	E-350, 349-3	
45713			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	V	38600A	E-350, 349-3	
45747A	NNI	FI6425	1LL6425A	FT, FI6425 INDICATING CIRCUIT	V	48558B*	E-348	
45748					V	JB4854	E-348	
45749					V	17815C	E-353	
45753			1LL6425B	FT, FI6425 INDICATING CIRCUIT	V	5763A8	E-356	
45777A		FI6435	1LL6435A	FT, FI6435 INDICATING CIRCUIT	V	48558B*	E-348	
45778					V	JB4854	E-348	
45779					V	17815C	E-353	
45782			1LL6435B	FT, FI6435 INDICATING CIRCUIT	V	5763A8	E-356	
46601		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	V	37725A	E-349-3, 350	
46811		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	V	37725A	E-349-3, 350	
47412		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	V	37725A	E-349-3, 350	
47501		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	V	37725A	E-349-3, 350	
47609		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	V	38601A	E-350	
47701		LI-SP09B8A	1LSGLT11B	LTSP09B8, LISPO9B8A INDICATING CIRCUIT	V	38601A	E-350, 349-3	
47800		LI-SP09B9	1LSGLT31A	LT, LI-SP09B9 INDICATING CIRCUIT	V	38232A	E-350	
47804			1LSGLT31B	LT, LI-SP09B9 INDICATING CIRCUIT	V	5738A3	E-350	
47805					V	JB3731	E-350	
47806					V	38232A	E-350	
48308		PI-6365B	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	V	37560A	E-350	
48309					V	JB3817	E-350	
48310					V	37560B	E-350	
48311					V	37560C	E-350	
48325			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	V	37560A	E-350	
48326					V	JB3817	E-350	
48327					V	37560B	E-350	
48328					V	37560C	E-350	
48336					V	308080E	E-348	
48337					V	JB4850	E-348	
48338					V	48408B	E-348	
48408		PI-6365B1	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	V	37560A	E-350	
48409					V	JB3817	E-350	
48410					V	37560B	E-350	
48411					V	37560C	E-350	
48701		PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	V	48108A	E-348, 347	
48805		PI-RC2B4	1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	V	38601A	E-349-3, 350	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49213	NNI	PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	V	37725A	E-349-3, 350	
49301		PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	V	37725A	E-349-3, 350	
49406		PI-SP12B2	BLNNI09B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	V	BLFC	E-348,347,356-5	
49705		TI-RC3A5	1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT	V	48408B	E-348	
49706					V	38080E	E-348	
49707					V	JB4850	E-348	
49904		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	V	38601A	E-349-3	
50008		TI-RC3B5	1LTRC3B5B	TE, TT, TI-RC3B5 INDICATING CIRCUIT	V	48408B	E-348	
50009					V	JB4850	E-348	
50403		TI-RC4B2	BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	V	BLFC	E-348	
50503		TI-RC4B4	ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	V	ALLA	E-348	
50635	RCS	RC11	1CBE1602K	MVRC11 CONTROL CIRCUIT	V	1CLA	E-347	
50636					V	48136A	E-347	
51116		RC4608A	1CV4608AD	SV4608A CONTROL CIRCUIT	V	38098A	E-350	
51117					V	1CJM	E-350	
51129			RC3706	SV4608A RELAY CABINET (CH. 1)	V		E-350	
51209		RC4608B	1CV4608BC	SV4608B CONTROL CIRCUIT	V	1CJP	E-350-1	
51210					V	1CJM	E-349-3, 350	
51601	SFAS	HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	V	37805C	E-349-3	
51619					V	1CJL	E-349-3	
51610			1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	V	1CJL	E-349-3	
51612					V	37805C	E-349-3	
52409		LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	V	20323A	E-348	
54103		PT2000	1LSFPT12A	CTMT VESSEL PRESS XMTR	V	48037A	E-348	
56610	SFRCS	LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	V	38601A	E-350	
56704		LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	V	JB3731	E-350	
56705					V	38232A	E-350	
56706					V	5761A2	E-350	
57210		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	V	38601A	E-350	
57304		LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	V	5761A2	E-350	
57305					V	JB3731	E-350	
57306					V	38232A	E-350	
57807		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	V	38363A	E-350	
57808					V	1CJL	E-350	
57908		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	V	1CJM	E-350	
57909					V	38362A	E-350	
58014		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	V	38360A	E-350	
58108		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	V	38361A	E-350	
59603		PS3689B	1CRCPS11F	MS LINE 1 PRESS	V	58096A	E-348	
60003		PS3689K	1CRCPS11G	MS LINE 1 PRESS	V	58096A	E-348	
60103		PS3689L	1CRCPS11H	MS LINE 1 PRESS	V	58096A	E-348	
61414	SWS	SW1356	1CV1356D	SV1356 CONTROL CIRCUIT	V	1CJL	E-349-3	
61426			1CV1356E	SV1356 CONTROL CIRCUIT	V	1CJL	E-349-3	
61427					V	37805C	E-349-3	
61609		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	V	1CJL	E-349-3	
61610					V	37805C	E-349-3	
61624			1CV1358AH	SV1358 CONTROL CIRCUIT	V	1CJL	E-349-3	
61625					V	37805A	E-349-3	
61633			1CV1358AI	SV1358 CONTROL CIRCUIT	V	1CJL	E-349-3	
61647			1CV1358AJ	SV1358 CONTROL CIRCUIT	V	1CJL	E-349-3	
61802		SW1366	1CBE1142B	MV1366 CONTROL CIRCUIT	V	37805A	E-350, 349-3	
61803					V	1CJL	E-350, 349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61804	SWS	SW1366	1CBE1142B	MV1366 CONTROL CIRCUIT	V	1CJR	E-350	
61805					V	38510B	E-350	
61806					V	JB3805	E-350	
61809			1CBE1142E	MV1366 CONTROL CIRCUIT	V	38558A	E-350	
61810					V	1CJM	E-350	
61811					V	1CJR	E-350	
61812					V	38351A	E-350	
61813					V	JB3805	E-350	
61820			1CBE1142F	MV1366 CONTROL CIRCUIT	V	1CJL	E-350	
61821					V	38557A	E-350	
61831			1CBE1142G	MV1366 CONTROL CIRCUIT	V	1CJM	E-350, 349-3	
61832					V	1CJR	E-350	
61833					V	38351A	E-350	
61834					V	JB3805	E-350	
61834A			1CBE1142H	MV1366 CONTROL CIRCUIT	V	1CJS	E-350	
61834B					V	JB3805	E-350	
61834C					V	38510B	E-349-3, 350	
61834D					V	1CJL	E-349-3	
61834H					V	47250A	E-347	
61834I					V	1CLA	E-347, 348	
61834J					V	48102A	E-348	
61834K					V	JB4855	E-348	
61834L			1CBE1142J	MV1366 CONTROL CIRCUIT	V	JB4855	E-348	
61834M					V	48102B	E-348, 411	
61836			1PBE1142A	MV1366 POWER CIRCUIT	V	38090A	E-350, 349-3	
61837			BE1142	MV1366 CIRCUIT BREAKER (CH. 1)	V		E-350	
61839			CDE-11C	MV1366 DISCONNECT SWITCH (CH. 1)	V		E-350	
62022		SW1368	1CBE1207F	MV1368 CONTROL CIRCUIT	V	37805A	E-349-3	
62023					V	1CJL	E-349-3	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00144C	AFWS	AF3870	1CD107G	MV3870 CONTROL CIRCUIT	X	46060B*	E-343,344,355	
00207		AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	X	36748A	E-346	
00208					X	46892B	E-346	
00209					X	2CKL	E-346	
00210					X	46739C	E-346	
00211					X	2CKM	E-346	
00214					X	46526A	E-346	
00215					X	46739C	E-346	
00216					X	2CKM	E-346	
00222		AF3871	2CBF1201F	MV3871 CONTROL CIRCUIT	X	2CKM	E-346	
00223					X	46526B	E-346	
00231			2CBF1201G	MV3871 CONTROL CIRCUIT	X	2CKM	E-346	
00232					X	46739A	E-346	
00240			2CBF1201H	MV3871 CONTROL CIRCUIT	X	36748A	E-346	
00241					X	46892B	E-346	
00242					X	2CKL	E-346	
00243					X	46739C	E-346	
00244					X	2CKM	E-346	
00254			2PBF1201A	MV3871 POWER CIRCUIT	X	46177A	E-346	
00255			BF1201	MV3871 CIRCUIT BREAKER (CH. 2)	X		E-346	
00258			CDF-12A-2	MV3871 DISCONNECT SWITCH (CH. 2)	X		E-346	
00600		AF6451	2CLC6451A	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00601					X	2CKM	E-346-1	
00602					X	46961H	E-346-1	
00603					X	2CKL	E-346-1	
00605					X	36748A	E-346	
00620			2CLC6451C	AF6451 CONTROL CIRCUIT	X	2CKM	E-346-1	
00621					X	46968A	E-346-1	
00622			2CLC6451D	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00623					X	2CKM	E-346-1	
00669			2LLC6451B	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00675			2LLC6451E	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00641			2LLC6451G	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00697			C4625	AF6451 CONTROL CABINET (CH 2)	X		E-346-1	
01106		FW6460	2CLC6460B	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01107					X	2CKM	E-346	
01100			2CLC6460H	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01101					X	2CKM	E-346	
01131			2LLC6460A	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01112			2LLC6460C	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01121			2LLC6460E	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01137			C4625	FW6460 CONTROL CABINET (CH 2)	X		E-346	
01208		ICS038A	2CAFPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	X	36728A	E-346	
01209					X	46892A	E-346	
01210					X	2CKL	E-346	
01211					X	46363A	E-346	
01212					X	2CKM	E-346	
01218			2CAFPT02B	ICS038A CONTROL CDF-12A-1 TO C5709	X	2CKM	E-346	
01219					X	46361A	E-346	
01224			2CAFPT02C	ICS038A CONTROL CDF-12A-1 TO C3630	X	36728A	E-346	
01225					X	46892B	E-346	
01226					X	2CKL	E-346	
01227					X	46362A	E-346	
01228					X	2CKM	E-346	
01238			2CAFPT02P	ICS038A CONTROL CIRCUIT	X	46362A	E-346	
01239					X	2CKM	E-346	
01240					X	46892B	E-346	
01242					X	36748B	E-346	
01243					X	2CKL	E-346	
01256			2CSD08A	ICS038A CONTROL CIRCUIT	X	36729A	E-346	
01257					X	46892B	E-346	
01258					X	2CKL	E-346	
01259					X	46362A	E-346	
01260					X	2CKM	E-346	
01263			CDF-12A-1	ICS038A DISCONNECT SWITCH (CH. 2)	X		E-346	
01447C		MS106	1CD135G	MV106 CONTROL CIRCUIT	X	46060B*	E-343,344,355	
01605A			1PD135A	MV106 POWER CIRCUIT	X	46067B	E-343,344	
01804		MS106A	1PBE1271A	MV106 POWER CIRCUIT	X	36239A	E-346-1	
17404C	CACS	Cl-1	1CBE1401G	MC0011 CONTROL CIRCUIT	X	46055B*	E-343,344,355	
17418C			1CBE1401J	MC0011 CONTROL CIRCUIT	X	46056B*	E-343,344,355	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17425C	CACS	C1-1	1CBE1401K	MC0011 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
17434E			1PBEB1401A	MC0011 POWER CIRCUIT	X	46098A*	E-343	
17438E			1PBEB1401B	MC0011 POWER CIRCUIT	X	46097A*	E-343	
17505	C1-2	C1-2	2CBF1401G	MC0012 CONTROL CIRCUIT	X	2CKM	E-346	
17506					X	46742A	E-346	
17507					X	46363A	E-346	
17508					X	46742A	E-346	
17509					X	2CKM	E-346	
17510					X	46363A	E-346	
17511					X	46742A	E-346	
17512					X	2CKM	E-346	
17518					X	2CKM	E-346	
17519					X	46360A	E-346	
17525					X	2CKM	E-346	
17526					X	46360A	E-346	
17527					X	46715A	E-346	
17528					X	46892A	E-346	
17529					X	2CKL	E-346	
17530					X	46742A	E-346	
17531					X	2CKM	E-346	
17535					X	46737A	E-346	
17539					X	46736A	E-346	
17552			X		E-346			
17555			X		E-346			
17610C	C1-3	C1-3	1CBE1501F	MC0013 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
17617C			1CBE1501G	MC0013 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
17624C			1CBE1501H	MC0013 CONTROL CIRCUIT	X	46055B*	E-343,344,355	
17636			2CBF1501C	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17637					X	46743A	E-346	
17638					X	2CKM	E-346	
17639			2CBF1501D	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17640					X	46743A	E-346	
17641					X	2CKM	E-346	
17647			2CBF1501F	MC0013 CONTROL CIRCUIT	X	2CKM	E-346	
17648					X	46360A	E-346	
17654			2CBF1501G	MC0013 CONTROL CIRCUIT	X	2CKM	E-346	
17655					X	46360A	E-346	
17661			2CBF1501H	MC0013 CONTROL CIRCUIT	X	2CKM	E-346	
17662					X	46743A	E-346	
17664E			2PBFB1501A	MC0013 POWER CIRCUIT	X	46078A*	E-343	
17665					X	F1	E-343	
17666					X	46745A	E-346	
17668E			2PBFB1501B	MC0013 POWER CIRCUIT	X	46079A*	E-343	
17669					X	F1	E-343	
17670			X	46744A	E-343			
17675E	3PBFB15A	MC0013 POWER CIRCUIT	X	46071A*	E-343, 344			
17680C	3PBFB15B	MC0013 POWER CIRCUIT	X	46069A*	E-343			
17694	CDP-12A-1	MC0013 DISCONNECT SWITCH (CH. 2)	X		E-346			
17900	CCWS	CC1409	2CBF1227C	CC1409 CONTROL CIRCUIT	X	46740A	E-346	
17901					X	2CKM	E-346	
17912					X	46739C	E-346	
17913					X	2CKM	E-346	
17914					X	46526A	E-346	
17915					X	46526B	E-346	
17916					X	2CKM	E-346	
17922					X	46729A	E-346	
17923					X	2CKM	E-346	
17924					X	46892D	E-346	
17925					X	2CKL	E-346	
17926					X	46247B	E-346	
17927					X	46085A	E-346	
17935					X		E-346	
17942					X		E-346	
17941					X		E-346	
18000	CC1410	CC1410	2CBF1228C	CC1410 CONTROL CIRCUIT	X	46740A	E-346	
18001					X	2CKM	E-346	
18011					X	46739C	E-346	
18012					X	2CKM	E-346	
18013					X	46526B	E-346	
18014					X	46526C	E-346	
18015					X	2CKM	E-346	
18021					X	46729A	E-346	
18022					X	2CKM	E-346	
18023			X	46892D	E-346			
18024			X	2CKL	E-346			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
18025	CCWS	CC1410	2CBF1228H	CC1410 CONTROL CIRCUIT	X	46247B	E-346				
18026			2PBF1228A	CC1410 POWER CIRCUIT	X	46085A	E-346				
18034			BF1228	CC1410 CIRCUIT BREAKER (CH 2)	X		E-346				
18041			CDF12A-2	CC1410 DISCONNECT SWITCH (CH 2)	X		E-346				
18040			RC4605	CC1410 RELAY CABINET (CH 2)	X		E-346				
19725C	CC5095		1CBE1226F	MV5095 CONTROL CIRCUIT	X	46053B*	E-343, 344, 355				
19816			1PBE1226A	MV5095 POWER CIRCUIT	X		E-346				
19931	CC5096		2CBF1106G	MV5096 CONTROL CIRCUIT	X	36729A	E-346				
19932					X	2CKL	E-346				
20125A	CC5097		1CBE1227E	MV5097 CONTROL CIRCUIT	X	46053B*	E-343, 344, 355				
20211			1PBE1227A	MV5097 POWER CIRCUIT	X	46088B	E-346				
20330	CC5098		2CBF1119G	MV5098 CONTROL CIRCUIT	X	36729A	E-346				
20331					X	2CKL	E-346				
27311	FIS1422D		2CD2P23A	CONTROL POWER TO FIS1422D	X	2CKM	E-346				
27312					X	46805A	E-346				
27317N	FIS1427D		2CD2P23A	CONTROL POWER TO FIS1422D	X	2CKM	E-346				
27317O					X	46805A	E-346				
21246J		P43-3	2PD2P06A	CONTROL POWER TO TRANSFER SWGR 3-ACD3	X	46823B	E-346				
21511C	CREVS	C21-1	1CBE1209C	MC0211 CONTROL CIRCUIT	X	46055B*	E-343,344,355				
21775J					S33-1	1CBEL216E	MS33-1 CONTROL CIRCUIT	X	46060B*	E-343, 344, 355	
21820					S33-2	2CCEAC2C	MS3321 CONTROL CIRCUIT	X	2CKN	E-346	
21821	X	46739B	E-346								
22104C	CSS	P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	X	46055B*	E-343,344,355				
22111C			1CBE111C	MC0561 CONTROL CIRCUIT	X	46055B*	E-343,344,355				
22125C			1CBE111E	MC0561 CONTROL CIRCUIT	X	46055B*	E-343,344,355				
22205	P56-2		2CBF111B	MP0562 CONTROL CIRCUIT	X	2CKL	E-346				
22206			X	46716A	E-346						
22212			2CBF111C	MP0562 CONTROL CIRCUIT	X	2CKL	E-346				
22213			X	46716A	E-346						
22219			2CBF111D	MP0562 CONTROL CIRCUIT	X	46114A	E-346				
22225			2CBF111E	MP0562 CONTROL CIRCUIT	X	2CKL	E-346				
22226			X	46716A	E-346						
22234			2CBF111F	MP0562 CONTROL CIRCUIT	X	2CKL	E-346				
22235			X	46716A	E-346						
22241			2PBF111A	MP0562 POWER CIRCUIT	X	46113A	E-346				
25212			EDG	P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	X	36748A	E-346		
25213							X	46335A	E-346		
25214							X	2CKL	E-346		
25221							X	36748B	E-346		
25222	X	46335A			E-346						
25223	X	2CKL			E-346						
25230	2CBF1230D	MP1952 CONTROL CIRCUIT			X	36748B	E-346				
25231	X	46335A			E-346						
25232	X	2CKL			E-346						
25243	2CBF1230E	MP1952 CONTROL CIRCUIT			X	36748B	E-346				
25244	X	46335A			E-346						
25245	X	2CKL			E-346						
25255	2PBF1230A	MP1952 POWER CIRCUIT			X	30182E	E-346				
25256	BF1230	MP1952 CIRCUIT BREAKER (CH. 2)			X		E-346				
25500	ESSPWR	2N	2N	STATION BATTERY #2N (CH. 2)	X		E-346				
25501			2PD231A	BATTERY #2N POWER FEED TO DC MCC 2	X	46766A	E-346				
25502			X	46766A	E-346						
25503			2PD231B	BATTERY #2N POWER FEED TO DC MCC 2	X	46767A	E-346				
25504		X	46767A	E-346							
25600		2P	2P	STATION BATTERY #2P (CH. 2)	X		E-346				
25601			2PD204A	BATTERY #2P POWER FEED TO DC MCC 2	X	46753A	E-346				
25602			X	46753A	E-346						
25603	2PD204B		BATTERY #2P POWER FEED TO DC MCC 2	X	46754A	E-346					
25604	X	46754A	E-346								
35651G	BUS B	2PD202A	125V BKR CONT PWR (C1 BACKFEED)	X	46751A	E-346	A				
35651F		BPD2P04A	125V BKR CONT PWR (C1 BACKFEED)	X	46818A	E-346	A				
35651A		BPDBP02A	CONTROL PWR FOR HBBB (E32B/25B)	X	46842A	E-346, 351-2	A				
35651E		DBP	125V DISTRIBUTION PANEL (C1 BACKFEED)	X		E-346	A				

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
27339	ESSPWR	C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	X	46823B	E-346			
32198			2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	X	46823B	E-346			
32199					X	D2P	E-346			
32200					X	46823C	E-346			
27107			4PD2N09A	CONTROL POWER TO DG 1-2 PANEL C3616	X	46095E	E-346			
27108					X	46095E	E-346			
27109					X	46095G	E-346			
32512A			4PY405A	ALT CONTROL POWER TO EDG1-2 IND LIGHTS	X	46095B*	E-337, 343			
32512C					X	46095B*	E-337, 343			
32513					X	46095E	E-346			
32514					X	46095E	E-346			
32515					X	46095F	E-346			
33753			C3629	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	X	36728A	E-346		
33754							X	46824A	E-346	
33755					2CY208B	CNTRL PWR TO INST ELEC RACK ENCL C3629	X	2CKL	E-346	
32118	C3630	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	X	36728A	E-346				
32119					X	46824A	E-346			
32120					X	2CKL	E-346			
32319	C4602	2CY208AA	CONTROL POWER TO C4602	X	46824D	E-346				
32320					X	2CKL	E-346			
32321					X	46961H	E-346			
32322					X	2CKM	E-346			
32300	C4625	2CY204AA	Y2A CONT POWER TO C4625 (AF6451 FO)	X	46824D	E-346				
32301					X	2CKL	E-346			
32302					X	46961H	E-346			
32303					X	2CKM	E-346			
32304					X	46968A	E-346			
32127	C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	X	2CKL	E-346				
32128					X	46824B	E-346			
26605A			2CY419A	INDICATING POWER TO C5705 (PORV)	X	46966A	E-346	2 A		
26605B			X	46966A	E-346	2 A				
26605C			X	2CKM	E-346	2 A				
32121E	C5708	1CY112A	CNTRL PWR FOR IND LGTS + PROCESS MON IND	X	46053B*	E-343, 344, 355				
32134A	C5709	2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346				
32134B					X	2CKL	E-346			
31836C	C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	X	46053B*	E-343, 344, 355				
31826A			2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346			
31826B					X	2CKL	E-346			
31854C	C5717	1CY116A	CTRL PWR TO IND LGTS FOR SVS C5717	X	46056B*	E-343,344,355				
32140			2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717	X	2CKL	E-346			
32141					X	46824A	E-346			
27242	C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	X	2CKM	E-346				
27243					X	46805A	E-346			
32113	C5755D	2CY207A	120VAC CONTROL POWER	X	2CKL	E-346				
32114					X	46824A	E-346			
24625	C5755E	2CY206A	CONTROL POWER TO C5755E	X	2CKL	E-346-1				
24626					X	46824A	E-346-1			
32305	C5755G	2CY2A205A	CONTROL POWER TO C5755G	X	46824D	E-346-1				
32306					X	2CKL	E-346			
27235	C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	X	46805A	E-346				
27236					X	2CKM	E-346			
32505			4CY407A	CONTROL POWER TO SFAS-4 PANEL C5756D	X	46865C	E-346			
32506					X	46865C	E-346			
32507					X	JB4606	E-346			
32508					X	46865A	E-346			
32708			C5759C	BPYBU51A	INS POWER NNI-X BUS	X	46189A	E-346, 356		
58203A			C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	X	46051B*	E-343, 344, 355		
31899C	C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	X	46051B*	E-343, 344, 355				
26813C			1PD1P11A	CONTROL POWER TO SFRCS RELAY CH 3	X	46050B*	E-343, 344, 355			
26704C	C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	X	46051B*	E-343, 344, 355				
31815C	C5762D	1CY107A	120V AC CONTROL POWER	X	46053B*	E-343,344,356-1				

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24637 31961	ESSPWR	C5762E	1CY106A	CONTROL POWER TO C5762E	X	46053B*	E-343	
					X	46053B*	E-346	
32009A		C5763A	1CY1A105A	CONTROL POWER TO C5763A	X	46060B*	E-343,344,356-1	
26712C 32404C		C5763D	1CD1P19A 3CY307A	CONTROL POWER TO SPAS SVS C5763D 120V AC CONTROL POWER	X X	46051B* 46091B*	E-343, 344, 355 E-343, 344, 355	
31968 31969 58606 58607 27343		C5792	2CY221B	CONT POWER SFRCS RELAY CH 2.	X	46824B	E-346	
					X	2CKL	E-346	
					X	46824A	E-346	
					X	2CKL	E-346	
			2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	X	46117A	E-346	
31976 31977 58706 58707		C5792A	2CY215B	INST POWER SFRCS LOGIC CH 2	X	46824A	E-346	
					X	2CKL	E-346	
					X	46824A	E-346	
					X	2CKL	E-346	
32312 32313 32336 32337		C5798	2CY207AA	CONTROL POWER, NNI LTS - RCS VENT	X	46824D	E-346-1	
					X	2CKL	E-346	
			2CY209AA	CNTRL PWR NNI, IND LTS - RCS VENT	X	2CKL	E-346-1	
					X	46824D	E-346-1	
32021A 32056C		C5799	1CY107AA 1CY109AA	CONT PWR NNI, IND LTS - RCS VENT CNTRL PWR NNI, IND LTS - RCS VENT	X X	46060B* 46056B*	E-343,344,356-1 E-343,344,355	
31808C		C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	X	46058B*	E-343,344,355	
32100 32101		C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
					X	2CKL	E-346	
31810Q		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	X	46058A*	E-343, 344, 355	
32107 32107A		C6715	2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
					X	2CKL	E-346	
32156 32157 32158		CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	X	2CKL	E-346	
					X	46824A	E-346	
			2CY214B	CONTROL POWER TO RC4605 (P7531X)	X	2CKL	E-346	
27244 27245 27246 27257 27258 27259 27260 27261 27262 27263		CDF-12A-1	2CD2P20A	CTRL PWR TO AFPT 1-2 GOV (CDF12A-1)	X	46361A	E-346	
					X	46805A	E-346	
					X	2CKM	E-346	
			2CD2P20B	CONTROL POWER TO CDF11C	X	2CKM	E-346	
					X	46361A	E-346	
			2CD2P20C	CONTROL POWER TO RC4605	X	46247A	E-346	
					X	46892D	E-346	
					X	2CKL	E-346	
					X	46361A	E-346	
					X	2CKM	E-346	
26405C		D1	4PD2N05A	CONTROL POWER TO SWGR BUS D1 (AD113)	X	46829A	E-346	
27044A 27044C		D2	BPDBN07A	125V DC CONTROL POWER TO SWGR D2	X	46841A	E-346	
					X	46840A	E-346	
28504 28505		D2N	2PD233A	DC MCC 2 TO 125VDC DIST PNL D2N	X	46770A	E-346	
					X	46770A	E-346	
27200 28500 27320 27345		D2P	2CD2P10A 2PD202A 2PD2P05A D2P	CONTROL POWER TO FW6460 DC MCC 2 TO 125VDC DIST PNL D2P CONTROL POWER TO SWGR BUS D1 AD113 ESSENTIAL 125VDC DIST PANEL D2P (CH. 2)	X X X X	46805A 46751A 46828A	E-346 E-346 E-346	
27900 27901 27902		DBC2N	2PBF1212A BF1212 DBC2N	ES MCC F12A TO BATTERY CHARGER DBC2N DBC2N CIRCUIT BREAKER (CH. 2) BATTERY CHARGER DBC2N (CH. 2)	X X X	46730A	E-346 E-346 E-346	
28000 28001		DBC2P	2PBF1209A DBC2P	ES MCC F12A TO BATTERY CHARGER DBC2P BATTERY CHARGER DBC2P (CH. 2)	X X	46731A	E-346 E-346	
28100		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	X	36206A	E-346	
28201A		DBN	BPD2N04A	125V DC CONTROL POWER TO DBN	X	46819A	E-346	
28322A		DBP	BPD2P04A	CONTROL POWER TO DBP	X	46818A	E-346	
28501		DC MCC 2	2PD203A	BATTERY CHARGER DBC2P TO DC MCC 2	X	46750A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
28502	ESSPWR	DC MCC 2	2PD205A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46755A	E-346	
28503			2PD221A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46765A	E-346	
28506			2PD234A	BATTERY CHARGER DBC2N TO DC MCC 2	X	46769A	E-346	
28508			DC MCC 2	250/125VDC ESSEN MCC 2 (CH. 2)	X		E-346	
28692C		E1	1CBCE11B	BCE11 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
28707C			1CBCE12B	BCE12 CONTROL CIRCUIT	X	46055B*	E-343,344,355	
29604E		E12E	1PBE1234A	BE1234 POWER CIRCUIT	X	46087A*	E-343	
30315		F1	2CAD11DFE	AD1DF11 CONTROL CIRCUIT	X	46714A	E-338	5 D
30316					X	2CKL	E-346	5 D
30317					X	36728A	E-346	5 D
30351			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	X	46718A	E-338	5 D
30352					X	2CKL	E-338	5 D
30353					X	36728A	E-338	5 D
30372			2CBDF11A	BDF11 CONTROL CIRCUIT	X	46714A	E-346	
30373					X	2CKL	E-346	
30374					X	36728A	E-346	
30383			2CBDF11B	BDF11 CONTROL CIRCUIT	X	2CKL	E-346	
30384					X	46714A	E-346	
30385			2CBDF12A	BDF12 CONTROL CIRCUIT	X	46718A	E-346	
30386					X	2CKL	E-346	
30387					X	36728A	E-346	
30396			2CBDF12B	BDF12 CONTROL CIRCUIT	X	2CKL	E-346	
30397					X	46718A	E-346	
30398			2PAD11DFA	AD1DF11 POWER CIRCUIT	X	36404A	E-346	
30400			2PAD12DFA	AD1DF12 POWER CIRCUIT	X	36409A	E-346	
30401A			2PD2P07A	CONTROL POWER TO UNIT SUB BUS F1	X	46827A	E-346	
30403A			4PD2N07A	CONTROL POWER TO UNIT SUB BUS F1	X	46830A	E-346	
30403B					X	46830A	E-346	
30404			BDF11	480V ESSEN SWGR BUS F1 BREAKER (CH. 2)	X		E-346	
30407			F1	480VAC ESSEN UNIT SUB F1 (CH. 2)	X		E-346	
30501		F11A	2PBF115A	BF115 POWER CIRCUIT	X	46700A	E-346	
30503			2PBF115B	BF115 POWER CIRCUIT	X	46700B	E-346	
30504			BF115	MCC F11A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31000		F12A	2PBF114A	BF114 POWER CIRCUIT	X	46703A	E-346	
31001			2PBF114B	BF114 POWER CIRCUIT	X	46704A	E-346	
31002			BF114	MCC F12A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31003			F12A	480VAC ESSEN MCC F12A (CH. 2)	X		E-346	
31101A		F12B	2PBF107A	BF107 POWER CIRCUIT	X	46094B*	E-337, 343	
31101C					X	46094B*	E-337, 343	
31102					X	46094A	E-346	
31103			BF107	MCC F12B FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31207		F12C	2PBF1202A	BF1202 POWER CIRCUIT	X	36158A	E-346	
31208			BF1202	MCC F12C FEEDER CIRCUIT BREAKER (CH. 2)	X		E-361	
31400		F14	2PBF110A	BF110 POWER CIRCUIT	X	46705A	E-346	
31401			BF110	MCC F14 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31402			F14	480VAC ESSEN MCC F14 (CH. 2)	X		E-346	
31503		F15	2CBF105B	BF105 CONTROL CIRCUIT	X	2CKM	E-346	
31504					X	46892A	E-346	
31505					X	46715A	E-346	
31506					X	2CKL	E-346	
31507			2PBF105A	BF105 POWER CIRCUIT	X	46746A	E-346	
31508			BF105	MCC F15 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31509			F15	480VAC ESSEN MCC F15 (CH. 2)	X		E-346	
31510		F16A	2PBF118A	BF118A CIRCUIT BREAKER (CH 2)	X	46941A	E-343	4 A
31511					X	46941A	E-343	4 A
31512					X	46941A	E-343	4 A
31670A		F7	BPDBN11A	DC CONT PWR TO F7 FOR MDFF AUX LO PUMP	X	46798A	E-346, 346-1	
31670B					X	46798A	E-346-1	
31670C					X	46797B*	E-346-1	
31670G			BPDBP11A	ALT DC CNTRL TO F7 FOR MDFF AUX LO PUMP	X	46798A	E-346, 346-1	
31670H					X	JB4679	E-346	
31670I					X	46797B*	E-346	
31670M			DBN	125 VDC DISTRIBUTION PANEL	X		E-346	
31670P			DBP	125 VDC DISTRIBUTION PANEL	X		E-346	
32714		RC1761	BCYBU41A	CONTROL POWER TO WC1747	X	46270A	E-346	
32715					X	BCKQ	E-346	
26622		RC3601	1CD1P21A	CONTROL POWER TO RC3701	X	46053B*	E-343,344,356-1	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
27347I 27347J	ESSPWR	RC3602	2CD2P21A	CONTROL POWER TO RC3702	X	2CKM 46805A	E-346 E-346	
26734C		RC3607	1CD1P21A	CONTROL POWER TO RC3601	X	46053B*	E-343,344,356-1	
27287 27288		RC3608	2CD2P21A	CONTROL POWER TO RC3702	X X	2CKM 46805A	E-346 E-346	
26922		RC3701	1CD1P21A	CONTROL POWER TO RC3701	X	46053B*	E-343,344,356-1	
27139 27140		RC3702	2CD2P21A	CONTROL POWER TO RC3702	X X	2CKM 46805A	E-346 E-346	
32183 32184		RC3705	2CY216A	CONTROL POWER TO RC3705 (LR3758)	X X	2CKL 46824A	E-346 E-346	
26970 26971 26972 26984		RC3716	BCYBU43A YBU		X X X X	46272A BCKP 46851A	E-346 E-346 E-346 E-346	
26605 27211 27212 27213		RC4606	2PD2N17A 2PD2P12A	CONTROL POWER TO RC4606 (PORV) CONTROL POWER TO RC4606 (SV4610A,SV4632)	X X X X	46287A 46749B JB4614 46749A	FSK-E-112-1 E-346 E-346 E-346	2 A
32192A 27318 32192B 32210A 33300 32201A 32201		Y2	2PBF1624A 2PD2P03A 2PX12A 2PX12B 2PYV2A XY2 Y2	ALT PWR VIA CNSTNT VLTG XFMR XY2 (CH 2) POWER TO INV YV2 (INTERNAL) ALT PWR VIA STATIC/MAN SW TO Y2 ALT PWR FEED FROM XY2 INVERTER YV2 TO INST DIST PNL Y2 ESSEN POWER TO Y2/Y2A ESSEN 120VAC INST DIST PNL Y2 (CH. 2)	X X X X X X X	46277A Field 46277C 46277B 46799A	E-346 E-346 E-346 E-346 E-346 E-346 E-346	4 A 4 A 4 A
32338 32339		Y2A	2PYV2B Y2A	INVERTER YV2 TO DIST PANEL Y2A ESSEN DIST PANEL Y2A (CH. 2)	X X	46938B	E-346-1 E-346-1	
32702		Y3602	BPYBU05A	CONTROL POWER T Y3602 (MU32, MU19)	X	46906A	E-346	
32516B 32516D 27100 32516C 33500 32516A 32516		Y4	2PBF1625A 4PD2N03A 4PX14A 4PYV4A XY4 Y4	CONSTANT VOLTAGE TRANSFORMER XY4 (CH 4) POWER TO INV YV4 (INVERTER) ALT PWR VIA STATIC/MANUAL SWITCH INVERTER YV4 TO INST DIST PNL Y4 ESSEN POWER TO Y4 ESSEN 120VAC INST DIST PNL Y4 (CH. 4)	X X X X X X	46278A 46278A Field 46278B 46846A	E-346 E-346 E-346 E-346 E-346 E-346	4 A 4 A 4 A
28507 33700 32713		YBU	BPD216A BPYVBA YBU	DC MCC 2 TO INVERTER YVB (DBP) INVERTER YVB TO INST DIST PNL YBU 120VAC DISTRIBUTION PANEL (CH. B)	X X X	46756A 46785A	E-346 E-346 E-346	
33301		YV2	YV2	INVERTER YV2 (CH. 2)	X		E-346	
33501		YV4	YV4	INVERTER YV4 (CH. 4)	X		E-346	
33701 33710C		YVB	YVB	INVERTER YVA	X X		E-346 E-346	
27214 27215		ZC6451	2CD2P13A	CONTROL POWER TO FW6451	X X	46805A 2CKM	E-346 E-346	
27200A 27201 27200		ZC6460	2CD2P10A D2P	CONTROL POWER TO FW6460 ESSENTIAL 125VDC DIST PANEL D2P	X X X	46805A 2CKM	E-346 E-346 E-346	A
34502A 34526A 34546A	HPIS	P197-2	1CD106B 1CD106D 1PD106A	MP1972 CONTROL CIRCUIT MP1972 CONTROL CIRCUIT MP1972 POWER CIRCUIT	X X X	46058B* 46058B* 46068B	E-343,344,356-1 E-343,344,356-1 E-343,344	
34600 34601 34610 34611 34612 34613 34614 34618 34624 34700		P198-1	2CBF1231B 2CBF1231C 2PBF1231A BF1231	MP1981 CONTROL CIRCUIT MP1981 CONTROL CIRCUIT MP1981 POWER CIRCUIT MP1981 CIRCUIT BREAKER (CH. 2)	X X X X X X X	46325A 2CKM 46325A 2CKM 46892D 2CKL 46345A 47062A	E-346 E-346 E-346 E-346 E-346 E-346 E-346 E-346	
		P198-2	2CD206B	MP1982 CONTROL CIRCUIT	X	46283A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP			
34701	HPIS	P198-2	2CD206B	MP1982 CONTROL CIRCUIT	X	2CKM	E-346				
34710			2CD206C	MP1982 CONTROL CIRCUIT	X	46283A	E-346				
34711						X	2CKM	E-346			
34712						X	46892D	E-346			
34713						X	2CKL	E-346			
34714						X	46345A	E-346			
34718					2CD206D	MP1982 CONTROL CIRCUIT	X	46283A	E-346		
34719							X	2CKM	E-346		
34728					2PD206A	MP1982 POWER CIRCUIT	X	47061A	E-346		
34734					D206	MP1982 MCC D2 CUBICLE (CH. 2)	X		E-346		
35001			HVAC	C133	2CBF1204B	MC0133 CONTROL CIRCUIT	X	46732B	E-346		
35002								X	46732A	E-346	
35003								X	46729A	E-346	
35004								X	2CKM	E-346	
35005					2CBF1204C	MC0133 CONTROL CIRCUIT	X	46732C	E-346		
35006							X	46732A	E-346		
35007							X	46729A	E-346		
35008							X	2CKM	E-346		
35009					2PBF1204A	MC0133 POWER CIRCUIT	X	46726A	E-413		
35012							X	46726B	E-413		
35013					BF1204	MC0133 CIRCUIT BREAKER (CH. 2)	X		E-346		
35014					FTS5315	MC0133 TEMPERATURE SWITCH (CH. 2)	X		E-346		
35015					MC0133	LOW VOLTAGE SWGR RM VENT FAN 1-2 (CH. 2)	X		E-413		
35016					NC0133	MC0133 LOCAL CONTROLLER (CH. 2)	X		E-346		
36209	C73-2	C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	X	36728A	E-346				
36210						X	46892A	E-346			
36211						X	2CKL	E-346			
36212						X	46728A	E-346			
36213						X	2CKM	E-346			
36223					2CBF1205C	MC0732 CONTROL CIRCUIT	X	36728A	E-346		
36224							X	46892A	E-346		
36225							X	2CKL	E-346		
36226							X	46728A	E-346		
36227							X	2CKM	E-346		
36236					2PBF1205A	MC0732 POWER CIRCUIT	X	36190A	E-346		
36239					BF1205	MC0732 CIRCUIT BREAKER (CH. 2)	X		E-346		
36600			C78-2	C78-2	2CBF1259B	MC0782 CONTROL CIRCUIT	X	46242A	E-346		
36601								X	46242A	E-346	
36602						X	JT4616	E-346			
36603						X	46275A	E-346			
36604						X	46275A	E-346			
36605						X	2CKL	E-346			
36606						X	36729A	E-346			
36614					2CBF1259C	MC0782 CONTROL CIRCUIT	X	46275A	E-346		
36615							X	46275A	E-346		
36616							X	46241A	E-346		
36617							X	JT4616	E-346		
36618							X	2CKL	E-346		
36619							X	36729A	E-346		
36628					2PBF1259A	MC0782 POWER CIRCUIT	X	36368A	E-346		
36629					X	36368A	E-346				
36634			MC0782	BATTERY ROOM VENT FAN 1-2 (CH. 2)	X		E-346				
36635			NC0782	MC0782 LOCAL CONTROLLER (CH. 2)	X		E-346				
37417C	HV5305A		1CBEL240E	MV5305A CONTROL CIRCUIT	X	46051B*	E-343, 344, 355				
37416C	HV5305B		1CBEL241E	MV5305B CONTROL CIRCUIT	X	46051B*	E-343, 344, 355				
37516C					X	46051B*	E-343, 344, 355				
37600	HV5314		2CYF104B	MV5314 CONTROL CIRCUIT	X	46729A	E-346				
37601					X	46892D	E-346				
37602					X	2CKM	E-346				
37603					X	2CKL	E-346				
37604					X	36748B	E-346				
37613				2PYF104A	MV5314 POWER CIRCUIT	X	36899A	E-346			
37700		HV5314A		2CBF1239B	MV5314A CONTROL CIRCUIT	X	46202A	E-346			
37701					X	46892C	E-346				
37702					X	2CKL	E-346				
37703					X	46739C	E-346				
37704					X	2CKM	E-346				
37705				2CBF1239C	MV5314A CONTROL CIRCUIT	X	46205A	E-346			
37706				2CBF1239D	MV5314A CONTROL CIRCUIT	X	Nipple	E-346			
37707				2PBF1239A	MV5314A POWER CIRCUIT	X	46955A	E-346			
37708				BF1239	MV5314A CIRCUIT BREAKER (CH. 2)	X		E-346			
37709				EV5314A	MV5314A TERMINAL BOX (CH. 2)	X		E-346			

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37710	HVAC	HV5314A	MV5314A	LOW VOLT SWGR RM 428 VENT DAMPER	X		E-346	
37711			NV5314A	MV5314A LOCAL CONTROLLER (CH. 2)	X		E-346	
39031		HV5597	1PBE1208H	MV5597 POWER CIRCUIT	X	36018A	E-338	
39100		HV5598	2CBF1210B	MV5598 CONTROL CIRCUIT	X	46239A	E-346	
39101					X	46892D	E-346	
39102					X	2CKL	E-346	
39103					X	46741A	E-346	
39104					X	2CKM	E-346	
39105			2CBF1210C	MV5598 CONTROL CIRCUIT	X	46236B	E-346	
39106					X	46892D	E-346	
39107					X	2CKL	E-346	
39108					X	46741A	E-346	
39109					X	2CKM	E-346	
39110			2CBF1210D	MV5598 CONTROL CIRCUIT	X	46239B	E-346	
39111					X	JT4616	E-346	
39112					X	46275B	E-346	
39113					X	46275B	E-346	
39114					X	46892D	E-346	
39115					X	2CKL	E-346	
39116					X	46739C	E-346	
39117					X	2CKM	E-346	
39118			2PBF1210A	MV5598 POWER CIRCUIT	X	46237A	E-346	
39119					X	46237A	E-346	
39120			2PBF1210B	MV5598 POWER CIRCUIT	X	46237A	E-346	
39121					X	46237A	E-346	
39122			BF1210	MV5598 CIRCUIT BREAKER (CH. 2)	X		E-346	
39123			FTS5598	MV5598 TEMPERATURE SWITCH (CH. 2)	X		E-346	
39124			MV5598	BATTERY RM B MTR OPERATED DAMPER	X		E-346	
39125			NV5598	MV5598 LOCAL CONTROLLER (CH. 2)	X		E-346	
40803	MUPS	MU01A	2CBF1237C	MVMU01A CONTROL CIRCUIT	X	2CKM	E-346	
40804					X	46739C	E-346	
40813			2CBF1237E	MVMU01A CONTROL CIRCUIT	X	46526B	E-346	
40814					X	46739A	E-346	
40815					X	2CKM	E-346	
40821			2CBF1237F	MVMU01A CONTROL CIRCUIT	X	2CKM	E-346	
40822					X	46526C	E-346	
40830			2CBF1237J	MVMU01A CONTROL CIRCUIT	X	46247A	E-346	
40831					X	46892C	E-346	
40832					X	2CKL	E-346	
40833					X	2CKM	E-346	
40834					X	46739C	E-346	
40840			2CBF1237K	MVMU01A CONTROL CIRCUIT	X	46526C	E-346	
40841					X	2CKM	E-346	
40843			2PBF1237A	MVMU01A POWER CIRCUIT	X	46085A	E-346	
40848			BF1237	MVMU01A CIRCUIT BREAKER (CH. 2)	X		E-346	
40850			CDP-12A-2	MVMU01A DISCONNECT SWITCH (CH. 2)	X		E-346	
40856			RC4605	MVMU01A RELAY CABINET (CH. 2)	X		E-346	
40903		MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	X	2CKM	E-346	
40904					X	46740A	E-346	
40913			2CBF1238E	MVMU01B CONTROL CIRCUIT	X	46526B	E-346	
40914					X	46739A	E-346	
40915					X	2CKM	E-346	
40921			2CBF1238F	MVMU01B CONTROL CIRCUIT	X	2CKM	E-346	
40922					X	46526C	E-346	
40929			2CBF1238J	MVMU01B CONTROL CIRCUIT	X	46247A	E-346	
40930					X	46892C	E-346	
40931					X	2CKL	E-346	
40932					X	46739C	E-346	
40933					X	2CKM	E-346	
40939			2CBF1238K	MVMU01B CONTROL CIRCUIT	X	46526C	E-346	
40941			2PBF1238A	MVMU01B POWER CIRCUIT	X	46085A	E-346	
40946			BF1238	MVMU01B CIRCUIT BREAKER (CH. 2)	X		E-346	
40948			CDP-12A-2	MVMU01B DISCONNECT SWITCH (CH. 2)	X		E-346	
40954			RC4605	MVMU01B RELAY CABINET (CH. 2)	X		E-346	
42000		MU3971	2CBF1617A	MV3971 CONTROL CIRCUIT	X	46963B	E-346-1	
42001					X	JB4676	E-346-1	
42002					X	46963D	E-346-1	
42003					X	2CKL	E-346-1	
42008			2CBF1617B	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42009					X	JB4676	E-346	
42010					X	46963B	E-346	
42011			2CBF1617C	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42012					X	JB4676	E-346	
42013					X	46963C	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42014	MUPS	MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	X	46963A	E-346-1	
42015					X	JB4676	E-346-1	
42016					X	46963D	E-346-1	
42017					X	2CKL	E-346	
42036			2PBF1617D	MV3971 POWER CIRCUIT	X	46962A	E-346	
42037					X	46962C	E-346	
42038					X	JB4675	E-346	
42039					X	46962D	E-346	
42049			BCHLOW2A	MV3971 CONTROL CIRCUIT	X	46964A	E-346-1	
42050					X	BCKQ	E-346-1	
42069			BF1617	MV3971 CIRCUIT BREAKER (CH 2)	X		E-346	
42074			CDF16A	MV3971 DISCONNECT SWITCH (CH 2)	X		E-346	
42075			RC4606	MV3971 RELAY CABINET (CH 2)	X		E-346	
42732		MU6406	2CV6406D	SVMU6406 CONTROL CIRCUIT	X	2CKL	E-346	
42733					X	46963D	E-346	
42734					X	JB4676	E-346	
42735					X	46963C	E-346	
42739			RC4606	SVMU6406 RELAY CABINET (CH 2)	X		E-346	
42900		MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	X	46526B	E-346	
42901					X	2CKM	E-346	
42906			2CBF1208B	MV6408 CONTROL CIRCUIT	X	46740A	E-346	
42907					X	2CKM	E-346	
42908					X	46526A	E-346	
42909			2CBF1208C	MV6408 CONTROL CIRCUIT	X	46739D	E-346	
42910					X	2CKM	E-346	
42929			2PBF1208F	MV6408 POWER CIRCUIT	X	46962B	E-346	
42930					X	46962C	E-346	
42931					X	JB4675	E-346	
42932					X	46962D	E-346	
42941			BF1208	MV6408 CIRCUIT BREAKER (CH 2)	X		E-346	
42946			CDF12A-2	MV6408 DISCONNECT SWITCH (CH 2)	X		E-346	
43200		MU6420	2CBF1616A	MU6420 CONTROL CIRCUIT	X	46963B	E-346	
43201					X	JB4676	E-346	
43202					X	46963D	E-346	
43203					X	2CKL	E-346	
43208			2CBF1616B	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43209					X	JB4676	E-346	
43210					X	46963B	E-346	
43211			2CBF1616C	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43212					X	JB4676	E-346	
43213					X	46963D	E-346	
43214					X	2CKL	E-346	
43233			2PBF1616F	MV6420 POWER CIRCUIT	X	46962A	E-346	
43234					X	46962C	E-346	
43235					X	JB4675	E-346	
43236					X	46962D	E-346	
43246			BF1616	MV6420 CIRCUIT BREAKER (CH 2)	X		E-346	
43251			CDF16A	MV6420 DISCONNECT SWITCH (CH 2)	X		E-346	
44039E		P-371C	ACD117H	MP0371C CONTROL CIRCUIT	X	46059B*	E-346, 347, 355	3 A
44061E			ACD117I	MP0371C CONTROL CIRCUIT	X	46059B*	E-346	3 A
44061S			ACD117J	MP0371C CONTROL CIRCUIT	X	46059B*	E-346	3 A
44312		P-372C	BCD217B	MP0372C CONTROL CIRCUIT	X	BCKP	E-346	
44313					X	46771A	E-346	
44320			BCD217C	MP0372C CONTROL CIRCUIT	X	BCKP	E-346	
44321					X	46771A	E-346	
44336			BCD217D	MP0372C CONTROL CIRCUIT	X	BCKP	E-346	
44337					X	46771A	E-346	
44389			BPD217A	MP0372C POWER CIRCUIT	X	36183A	E-346	
44390					X	JB3680	E-346	
44391					X	36183D	E-346	
44393			D217	MP0372C MCC D2 CUBICLE (CH. B)	X		E-346	
44478		P-372D	BCBF1168G	MP372D CONTROL CIRCUIT	X	BCKP	E-346	
44479					X	46762A	E-346	
44501A			D217	MP0372C MCC D2 CUBICLE (INTLK)	X		E-335	
48104	NNI	PI-6365A	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	X	36016A	E-346	
48114			2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	X	36016A	E-346	
48204		PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	X	36016A	E-346	
50700G	RCS	RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	X	46527A	E-346, 414	12 A
50700H					X	2CKM	E-346	12 A
50700I					X	46526B	E-346	12 A

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50710	RCS	RC200	2CBF1285K	MV0200 CONTROL CIRCUIT	X	2CKM	E-346	
50711					X	46739D	E-346	
50712			2CBF1285L	MV0200 CONTROL CIRCUIT	X	46739D	E-346	
50713					X	2CKM	E-346	
50714					X	46526C	E-346	
50718			2PBF1285J	MV0200 POWER CIRCUIT	X	46085B	E-346	
50721			BF1285	MV0200 CIRCUIT BREAKER (CH. 2)	X		E-346	
50723			CDF-12A-2	MV0200 DISCONNECT SWITCH (CH. 2)	X		E-346	
51056D		RC2A	2CVRC2J	SVRC2A (PORV) POWER CIRCUIT	X	46286A	E-346	2 A
51057F			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	X	2CKM	E-346	2 A
51057G					X	46725B	E-346	2 A
51057H			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	X	46964A	E-346	2 A
51057I					X	BCKQ	E-346	2 A
51057P			RC4606	SVRC2 (PORV) RELAY CABINET (CH 2)	X		E-346-1	2 A
51308		RC4610A	2CV4610AD	SV4610A CONTROL CIRCUIT	X	46725A	E-346	
51309					X	2CKL	E-346	
51318			RC4606	SV4610A RELAY CABINET (CH. 2)	X		E-346-1	
51528		RC4632	2CV4632E	SV4632 CONTROL CIRCUIT	X	2CKM	E-346-1	
51529					X	46725B	E-346-1	
51547			RC4606	SV4632 RELAY CABINET	X		E-346-1	
53505	SFAS	C5755D	2CY207A	120VAC CONTROL POWER	X	2CKL	E-346	
53506					X	46824A	E-346	
53605C		C5762D	1CY107A	120V AC CONTROL POWER	X	46053B*	E-343,344,355	
53705B		C5763D	3CY307A	120V AC CONTROL POWER	X	46091B*	E-343, 344, 355	
53800		C5765D	4CY407A	120VAC CONTROL POWER	X	46865A	E-346	
53801					X	46865C	E-346	
53802					X	JB4606	E-346	
53808					X	46865C	E-346	
61381J	SWS	P3-3	2PD2P08A	CONTROL POWER TO TRANSFER SWGR 5-ACD5	X	46823B	E-346	
61419A		SW1356	1CV1356E	SV1356 CONTROL CIRCUIT	X	46051B*	E-343, 344, 355	
61516		SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	X	46743A	E-346	
61517					X	46892A	E-346	
61518					X	2CKM	E-346	
61519					X	2CKL	E-346	
61520					X	36729A	E-346	
61603A		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	X	46051B*	E-343, 344, 355	
61616A			1CV1358AH	SV1358 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
61639A			1CV1358AJ	SV1358 CONTROL CIRCUIT	X	46058B*	E-343,344,356-1	
61667			2CV1358BG	SV1358 CONTROL CIRCUIT	X	46743A	E-346	
61668					X	2CKM	E-346	
61679C			2CV1358BH	SV1358 CONTROL CIRCUIT	X	46072A*	E-343, 344	
61699C			2CV1358BJ	SV1358 CONTROL CIRCUIT	X	46072A*	E-343, 344	
61749			BF1501	CAC FAN 3 STARTER	X		E-346	
61825A		SW1366	1CBE1142G	MV1366 CONTROL CIRCUIT	X	46055B*	E-343,344,355	
61909		SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	X	2CKM	E-346	
61910					X	46741A	E-346	
61913			2CBF1223E	MV1367 CONTROL CIRCUIT	X	46361A	E-346	
61914					X	46741B	E-346	
61915					X	2CKM	E-346	
61921			2CBF1223F	MV1367 CONTROL CIRCUIT	X	2CKM	E-346	
61922					X	46362A	E-346	
61923			2CBF1223G	MV1367 CONTROL CIRCUIT	X	46742A	E-346	
61924					X	46741A	E-346	
61925					X	2CKM	E-346	
61925A			2CBF1223H	MV1367 CONTROL CIRCUIT	X	46970A	E-346	
61930			2PBF1223A	MV1367 POWER CIRCUIT	X	46147A	E-346	
61931			BF1223	MV1367 CIRCUIT BREAKER (CH. 2)	X		E-346	
61937			BF1401	CAC FAN 2 STARTER	X		E-346	
61933			CDF-12A-1	MV1367 DISCONNECT SWITCH (CH. 2)	X		E-346	
61934A			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
62015C		SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	X	46053B*	E-343	
62029C			1CBE1207F	MV1368 CONTROL CIRCUIT	X	46053B*	E-343,344,355	
62043C			2CBF1224B	MV1368 CONTROL CIRCUIT	X	46072A*	E-343, 344	
62046					X	2CKM	E-346	
62047					X	46739A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62048	SWS	SW1368	2CBF1224C	MV1368 CONTROL CIRCUIT	X	46743A	E-346	
62049					X	2CKM	E-346	
62050					X	46739A	E-346	
62051			2CBF1224D	MV1368 CONTROL CIRCUIT	X	46362A	E-346	
62052					X	2CKM	E-346	
62053					X	46739A	E-346	
62059			2CBF1224E	MV1368 CONTROL CIRCUIT	X	2CKM	E-346	
62060					X	46361A	E-346	
62070			2CBF1224F	MV1368 CONTROL CIRCUIT	X	2CKM	E-346	
62071					X	46739A	E-346	
62075			2CBF1224K	MV1368 CONTROL CIRCUIT	X	46173A	E-346	
62075A			2CBF1224L	MV1368 CONTROL CIRCUIT	X	46970B	E-346	
62079			2PBF1224A	MV1368 POWER CIRCUIT	X	46536A	E-346	
62083			BF1224	MV1368 CIRCUIT BREAKER (CH. 2)	X		E-346	
62093			BF1501	CAC FAN 3 STARTER	X		E-346	
62086			CDF-12A-1	MV1368 DISCONNECT SWITCH (CH. 2)	X		E-346	
62086B			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
62629		SW1383	2CBF1177H	MV1383 CONTROL CIRCUIT	X	46526C	E-346	
62630					X	2CKM	E-346	
62631					X	2CKL	E-346	
62632					X	46892C	E-346	
62655			2CBF1177I	MV1383 CONTROL CIRCUIT	X	2CKM	E-346	
62656					X	46526C	E-346	
62668			2CPS4929C	MV1383 CONTROL CIRCUIT	X	2CKM	E-346	
62669					X	46526A	E-346	
62681			2CPS4929D	MV1383 CONTROL CIRCUIT	X	2CKM	E-346	
62682					X	46526A	E-346	
62693			2CPS4929E	MV1383 CONTROL CIRCUIT	X	2CKM	E-346	
62694					X	46526C	E-346	
62724			CDF-12A-2	MV1383 DISCONNECT SWITCH (CH. 2)	X		E-346	
63416C		SW2927	1CBE1232F	MV2927 CONTROL CIRCUIT	X	46055B*	E-343,344,355	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
00108	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	Y	36356B	E-346	
00109					Y	46218A	E-346	
00110					Y	1CKA	E-346	
00125			1CD107E	MV3870 CONTROL CIRCUIT	Y	36357D	E-346	
00126					Y	46218A	E-346	
00127					Y	1CKA	E-346	
00144D			1CD107G	MV3870 CONTROL CIRCUIT	Y	46060B*	E-343, 344, 355	
00145					Y	46218A	E-346	
00146					Y	1CKA	E-346	
00153			1PD107A	MV3870 POWER CIRCUIT	Y	46006A	E-346	
00158			D107	MV3870 MCC D1 CUBICLE (CH. 1)	Y		E-346	
01308		ICS038B	1CAFPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	Y	36357A	E-346	
01309					Y	46262A	E-346	
01310					Y	1CKA	E-346	
01326			1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO CS709	Y	36356A	E-346	
01327					Y	46262A	E-346	
01328					Y	1CKA	E-346	
01333			1CAFPT01C	ICS038B CONTROL CDE-12A-1 TO C3630	Y	36357A	E-346	
01334					Y	46260A	E-346	
01335					Y	1CKA	E-346	
01345			1CAFPT01P	ICS038B CONTROL CIRCUIT	Y	46262A	E-346	
01346					Y	1CKA	E-346	
01347					Y	36356B	E-346	
01361			1CSD07A	ICS038B CONTROL CIRCUIT	Y	36357A	E-346	
01362					Y	46262A	E-346	
01363					Y	1CKA	E-346	
01366			CDE-12A-1	ICS038B DISCONNECT SWITCH (CH. 1)	Y		E-346	
01419		MS106	1CD135B	MS106 CONTROL CIRCUIT	Y	36357B	E-346	
01420					Y	46218C	E-346	
01421					Y	1CKA	E-346	
01447D			1CD135G	MV106 CONTROL CIRCUIT	Y	46060B*	E-343, 344	
01448					Y	46218C	E-346	
01449					Y	1CKA	E-346	
01467			1CD135H	MV106 CONTROL CIRCUIT	Y	36357B	E-346	
01468					Y	46218C	E-346	
01469					Y	1CKA	E-346	
01513			1CD135L	MV106 CONTROL CIRCUIT	Y	36357B	E-346	
01514					Y	46218C	E-346	
01515					Y	1CKA	E-346	
01605C			1PD135A	MV106 POWER CIRCUIT	Y	46067B	E-343, 344	
01606					Y	JB4640	E-346	
01607					Y	46217A	E-346	
01611			D135	MV106 MCC D1 CUBICLE (CH. 1)	Y		E-346	
17404D	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	Y	46055B*	E-343, 344, 355	
17405					Y	1CKD	E-346	
17406					Y	46548A	E-346	
17407					Y	1CKA	E-346	
17408			1CBE1401H	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17409					Y	46548A	E-346	
17410					Y	1CKA	E-346	
17411			1CBE1401I	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17412					Y	46548A	E-346	
17413					Y	1CKA	E-346	
17418D			1CBE1401J	MC0011 CONTROL CIRCUIT	Y	46056B*	E-343, 344, 355	
17419					Y	46260A	E-346	
17420					Y	1CKA	E-346	
17425D			1CBE1401K	MC0011 CONTROL CIRCUIT	Y	46056B*	E-343, 344, 355	
17426					Y	46260A	E-346	
17427					Y	1CKA	E-346	
17428			1CBE1401L	MC0011 CONTROL CIRCUIT	Y	46629A	E-346	
17429					Y	1CKD	E-346	
17430					Y	46548A	E-346	
17431					Y	1CKA	E-346	
17431A			1CBE1401M	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17431B					Y	46548A	E-346	
17431C					Y	1CKA	E-346	
17434G			1PBE1401A	MC0011 POWER CIRCUIT	Y	46098A*	E-343	
17435					Y	46098A	E-343	
17438G			1PBE1401B	MC0011 POWER CIRCUIT	Y	46097A*	E-343	
17439					Y	46097A	E-343	
17448			BE1401	MC0011 CIRCUIT BREAKER (CH. 1)	Y		E-346	
17451			CDE-12A-1	MC0011 DISCONNECT SWITCH (CH. 1)	Y		E-346	
17600		C1-3	1CBE1501C	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17601					Y	46547A	E-346	
17602					Y	1CKA	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17603	CACS	C1-3	1CBE1501D	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17604					Y	46547A	E-346	
17605					Y	1CKA	E-346	
17610D			1CBE1501F	MC0013 CONTROL CIRCUIT	Y	46056B*	E-343, 344, 355	
17611					Y	46260A	E-346	
17612					Y	1CKA	E-346	
17617D			1CBE1501G	MC0013 CONTROL CIRCUIT	Y	46056B*	E-343, 344, 355	
17618					Y	46260A	E-346	
17619					Y	1CKA	E-346	
17624D			1CBE1501H	MC0013 CONTROL CIRCUIT	Y	46055B*	E-343, 344, 355	
17625					Y	1CKD	E-346	
17626					Y	46547A	E-346	
17627					Y	1CKA	E-346	
17628			1PBE1501A	MC0013 POWER CIRCUIT	Y	46077A	E-343	
17629					Y	46077A*	E-343	
17629B					Y	46077A*	E-343	
17630					Y	E1	E-343	
17631					Y	46520A	E-346	
17632			1PBE1501B	MC0013 POWER CIRCUIT	Y	46076A	E-343	
17633					Y	46076A*	E-343	
17633B					Y	46076A*	E-343	
17634					Y	E1	E-343	
17635					Y	46519A	E-343	
17663			2PBF1501A	MC0013 POWER CIRCUIT	Y	46078A	E-343	
17664					Y	46078A*	E-343	
17664B					Y	46078A*	E-343	
17664C					Y	46078A*	E-343	
17667			2PBF1501B	MC0013 POWER CIRCUIT	Y	46079A	E-343	
17668					Y	46079A*	E-343	
17668B					Y	46079A*	E-343	
17668C					Y	46079A*	E-343	
17671			3PBEF15A	MC0013 POWER CIRCUIT	Y	46071A	E-346	
17675F					Y	46071A*	E-343, 344	
17675H					Y	46071A*	E-343, 344	
17676			3PBEF15B	MC0013 POWER CIRCUIT	Y	46069A	E-346	
17680					Y	46069A*	E-343	
17680B					Y	46069A*	E-343	
17689			BBF153	MC0013 CIRCUIT BREAKER (CH. 1/2)	Y		E-346	
17693			CDE-12A-1	MC0013 DISCONNECT SWITCH (CH. 1)	Y		E-346	
19712	CCWS	CC5095	1CBE1226B	MV5095 CONTROL CIRCUIT	Y	36356A	E-346	
19713					Y	46539A	E-346	
19714					Y	1CKA	E-346	
19718			1CBE1226E	MV5095 CONTROL CIRCUIT	Y	46263A	E-346	
19719					Y	46538A	E-346	
19720					Y	1CKA	E-346	
19725D			1CBE1226F	MV5095 CONTROL CIRCUIT	Y	46053B*	E-343, 344, 355	
19726					Y	1CKD	E-346	
19727					Y	46263A	E-346	
19728					Y	1CKA	E-346	
19733			1CBE1226G	MV5095 CONTROL CIRCUIT	Y	36357A	E-346	
19734					Y	46539A	E-346	
19735					Y	1CKA	E-346	
19817			1PBE1226A	MV5095 POWER CIRCUIT	Y	46088B	E-346	
19820			BE1226	MV5095 CIRCUIT BREAKER (CH. 1)	Y		E-346	
19822			CDE-12A-1	MV5095 DISCONNECT SWITCH (CH. 1)	Y		E-346	
20100		CC5097	1CBE1227B	MV5097 CONTROL CIRCUIT	Y	46538A	E-346	
20101					Y	1CKA	E-346	
20102					Y	36356A	E-346	
20119			1CBE1227E	MV5097 CONTROL CIRCUIT	Y	1CKA	E-346	
20120					Y	46538A	E-346	
20121					Y	46263A	E-346	
20122			1CBE1227F	MV5097 CONTROL CIRCUIT	Y	46263A	E-346	
20123					Y	1CKA	E-346	
20124					Y	1CKD	E-346	
20125					Y	46053B*	E-343, 344, 355	
20130			1CBE1227G	MV5097 CONTROL CIRCUIT	Y	46539A	E-346	
20131					Y	1CKA	E-346	
20132					Y	36356A	E-346	
20210			1PBE1227A	MV5097 POWER CIRCUIT	Y	46088B	E-346	
20220			BE1227	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	Y		E-346	
20222			CDE-12A-1	MV5097 DISCONNECT SWITCH (CH. 1)	Y		E-346	
26825M		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	Y	36356B	E-346	
26825N					Y	46615A	E-346	
26825O					Y	1CKA	E-346	
26826M		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	Y	36356B	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26826N 26826O	CCWS	FIS1432C	1CD1P23A	CONTROL POWER TO JTS3720	Y	46615A	E-346	
					Y	1CKA	E-346	
21246D		P43-3	1PD1P06A	CONTROL POWER TO TRANSFER SWGR-2 ACD2	Y	46198A	E-346	
21503 21504 21505 21506 21511D 21512 21513 21514 21518 21519	CREVS	C21-1	1CBE1209B	MC0211 POWER CIRCUIT	Y	46103A	E-346	
					Y	1CKD	E-346	
					Y	46540A	E-346	
					Y	1CKA	E-346	
			1CBE1209C	MC0211 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
					Y	1CKD	E-346	
					Y	46540A	E-346	
					Y	1CKA	E-346	
			1PBEE1209A	MC0211 POWER CIRCUIT	Y	46102A	E-346	
			BE1209	MC0211 CIRCUIT BREAKER (CH. 1)	Y		E-346	
21705 21706 21707 21708 21775G 21775H 21775I 21731 21732 21733 21753 21754		S33-1	1CBEE1216B	MS3311 CONTROL CIRCUIT	Y	46106A	E-346	
					Y	1CKD	E-346	
					Y	46540A	E-346	
					Y	1CKA	E-346	
			1CBEE1216E	MS33-1 CONTROL CIRCUIT	Y	46106A	E-346	
					Y	1CKD	E-346, 346-1	
					Y	46060B	E-343	
			1CCCEAC1C	MS3311 CONTROL CIRCUIT	Y	36356B	E-346	
					Y	46542A	E-346	
					Y	1CKA	E-346	
			1PBEE1216A	MS3311 POWER CIRCUIT	Y	46107A	E-346	
			BE1216	MS3311 CIRCUIT BREAKER (CH. 1)	Y		E-346	
22104D 22105 22106 22111D 22112 22113 22120 22125D 22126 22127 22140 22146	CSS	P56-1	1CBEE111B	MC0561 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
					Y	46628A	E-346	
					Y	1CKD	E-346	
			1CBEE111C	MC0561 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
					Y	46628A	E-346	
					Y	1CKD	E-346	
			1CBEE111D	MP0561 CONTROL CIRCUIT	Y	46014A	E-346	
			1CBEE111E	MC0561 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
					Y	46628A	E-346	
					Y	1CKD	E-346	
			1CBEE111F	MP0561 CONTROL CIRCUIT	Y	46014A	E-346	
			1PBEE111A	MP0561 POWER CIRCUIT	Y	46013A	E-346	
25300 25301 25302 25303 25304	ESSPWR	1N	1N	STATION BATTERY #1N (CH. 1)	Y		E-346	
			1PD131A	BATTERY #1N POWER FEED TO DC MCC 1	Y	46566A	E-346	
					Y	46566A	E-346	
			1PD131B	BATTERY #1N POWER FEED TO DC MCC 1	Y	46567A	E-346	
					Y	46567A	E-346	
25400 25401 25402 25403 25404		1P	1P	STATION BATTERY #1P (CH. 1)	Y		E-346	
			1PD104A	BATTERY #1P POWER FEED TO DC MCC 1	Y	46554A	E-346	
					Y	46554A	E-346	
			1PD104B	BATTERY #1P POWER FEED TO DC MCC 1	Y	46553A	E-346	
					Y	46553A	E-346	
26502B 26502		C1	1PD1P05A	CONTROL POWER TO SWGR BUS C1 (AC113)	Y	46648A	E-346	
			3PD1N05A	CONTROL POWER TO SWGR BUS C1 (AC113)	Y	46650A	E-346	
26053A 26053C		C2	APDAN07A	125V DC CONTROL POWER TO SWGR C2	Y	46651A	E-346	
					Y	46649A	E-346	
26512D 26512E 26512F 31906 31907 31908 26509 26510 26511 26512 32411 32412 32413 32414		C3615	1PD1P09A	CONTROL POWER TO DGLY PANEL C3615	Y	36076A	E-346	
					Y	JB4168	E-346	
					Y	46220A	E-346	
			1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	Y	36076A	E-346	
					Y	JB4618	E-346	
					Y	46129A	E-346	
			3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	Y	36002F	E-346	
					Y	36002F	E-346	
					Y	JB4629	E-346	
					Y	36002G	E-346	
					Y	36002F	E-346	
					Y	JB4629	E-346	
					Y	36002H	E-346	
32052D 32052E 32052F		C3628	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	Y	36357A	E-346	
					Y	46122A	E-346	
					Y	1CKA	E-346	
31823		C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	Y	36357A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
31824	ESSPWR	C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	Y	46122A	E-346			
31825					Y	1CKA	E-346			
32000		C3645	1CY104AA	Y1A CONT POWER TO C3645 (AF6452 FO)	Y	46122F	E-346			
32001					Y	1CKA	E-346			
32002					Y	36357D	E-346			
32028		C4808	1CY108AA	CONTROL POWER FROM Y1A	Y	46122F	E-346-1			
32029					Y	1CKA	E-346-1			
32030					Y	36357D	E-346			
32121A		C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	Y	1CKA	E-346			
32121B					Y	36122A	E-346			
32121C					Y	1CKD	E-346			
32121D					Y	46053B*	E-343, 344, 355			
31836D		C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	Y	46053B*	E-343, 344, 355			
31837					Y	1CKD	E-346			
31838					Y	36122A	E-346			
31839					Y	1CKA	E-346			
31854D		C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	Y	46056B*	E-343,344,355			
31855					Y	46145A	E-346			
31856					Y	1CKA	E-346			
31857					Y	46122A	E-346			
31858					Y	1CKA	E-346			
32605		C5760D	APYAU26A	INST POWER FD TO NNI-Y BUS	Y	46188A	E-346			
58203		C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	Y	46051B*	E-343, 344, 355			
58205					Y	1CKD	E-346			
58206					Y	1CKA	E-346			
58207					Y	46122B	E-346			
31899D		C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	Y	46051B*	E-343, 344, 355			
31900					Y	1CKD	E-346			
31901					Y	46122B	E-346			
31902					Y	1CKA	E-346			
26813D					1PD1P11A	CONTROL POWER TO SFRCS RELAY CH 3	Y	46050B*	E-343, 344, 355	
26814							Y	46050A	E-346	
26814A	Y	56050A	E-346							
26704D		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	Y	46051B*	E-343, 344, 355			
26705					Y	1CKD	E-346			
26706					Y	46615A	E-346			
26707					Y	1CKA	E-346			
31815D		C5762D	1CY107A	120V AC CONTROL POWER	Y	46053B*	E-343,344,356-1			
31816					Y	1CKD	E-346			
31817					Y	46122A	E-346			
31818					Y	1CKA	E-346			
24638		C5762E	1CY106A	CONTROL POWER TO C5762E	Y	46053B*	E-343			
24639					Y	1CKD	E-346-1			
24640					Y	1CKA	E-346-1			
24641					Y	46122A	E-346			
31957					Y	46122A	E-346			
31958					Y	1CKA	E-346			
31959					Y	1CKD	E-346			
31960					Y	46053B*	E-346			
32006		C5763A	1CY1A105A	CONTROL POWER TO C5763A	Y	46122F	E-346-1			
32007					Y	1CKA	E-346			
32008					Y	46060B	E-343			
32009					Y	46060B*	E-343,344,356-1			
26712D		C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	Y	46051B*	E-343, 344, 355			
26713					Y	1CKD	E-346			
26714					Y	46615A	E-346			
26715					Y	1CKA	E-346			
32404E					3CY307A	120V AC CONTROL POWER	Y	46091B*	E-343, 344, 355	
32405	Y	JB4607	E-346							
32406	Y	46091A	E-346							
32018		C5799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	Y	46122F	E-346-1			
32019					Y	1CKA	E-346			
32020					Y	46060B	E-343			
32021					Y	46060B*	E-343,344,356-1			
32056D					Y	46056B*	E-343,344,355			
					Y	46056B*	E-343,344,355			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
32057 32058	ESSPWR	C5799	1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	Y	46122F	E-346-1	
Y					1CKA	E-346-1		
31808D 31809 31810	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	Y	46058B*	E-343, 344, 355		
Y				46122B	E-346			
Y				1CKA	E-346			
31810R 31810S 31810T	C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	Y	46058A*	E-343, 344, 355		
Y				46122B*	E-346			
Y				1CKA*	E-346			
31881 31882 31883	CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	Y	36356A	E-346		
Y				46122A	E-346			
Y				1CKA	E-346			
26716 26717 26718 26719 26720 26721 26722 26723 26724	CDE-12A-1	1CD1P20A	CTRL PWR TO AFPT 1-1 GOV (CDE-12A-1)	Y	46262A	E-346		
Y				46615A	E-346			
Y				1CKA	E-346			
Y		1CD1P20B	CONTROL POWER TO RC4604	Y	46246A	E-346		
Y		46262A		E-346				
Y		1CKA		E-346				
Y		1CD1P20C	CONTROL POWER TO CDE-12A-2	Y	46525A	E-346		
Y		46262A		E-346				
Y		1CKA		E-346				
28404 28405 26514	D1N	1PD132A	DC MCC 1 TO 125V DC DIST PNL D1N	Y	46570A	E-346		
Y				46570A	E-346			
Y				1CKA	E-346			
26600 26601	D1NA	1PD145A	DC MCC 1 TO DC MCC D1NA 125VDC MCC	Y	46067A	E-346		
Y				1CKA	E-346			
28400 26816	D1P	1PD101A	DC MCC 1 TO 125VDC TO ES DIST PNL D1P ESSENTIAL 125VDC DIST PANEL D1P (CH. 1)	Y	46551A	E-346		
Y				1CKA	E-346			
26900 26901	D1PA	1PD128A	DC MCC 1 TO DC MCC D1PA 125VDC MCC	Y	46216A	E-346		
Y				1CKA	E-346			
27401A 27402	DAN	APD1N04A	125V DC CONTROL POWER TO DAN 125VDC DIST PANEL DAN	Y	46619A	E-346		
Y				1CKA	E-346			
26815 27502	DAP	APD1P04A	125VDC CONTROL POWER TO DAP 125VDC DIST PANEL DAP	Y	46618A	E-346		
Y				1CKA	E-346			
27600 27601 27602	DBC1N	1PBE1235A	ES MCC E12A TO BATTERY CHARGER DBC1N DBC1N CIRCUIT BREAKER (CH. 1) BATTERY CHARGER DBC1N (CH. 1)	Y	46531A	E-346		
Y				1CKA	E-346			
Y				1CKA	E-346			
27700 27701	DBC1P	1PBE1233A	ES MCC E12A TO BATTERY CHARGER DBC1P BATTERY CHARGER DBC1P (CH. 1)	Y	46528A	E-346		
Y				1CKA	E-346			
27800 27808	DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN BATTERY CHARGER DBC1PN (CH. 1)	Y	36078A	E-346		
Y				1CKA	E-346			
28401 28402 28403 28406 28408	DC MCC 1	1PD103A	BATTERY CHARGER DBC1P TO DC MCC 1 BATTERY CHARGER DBC1PN TO DC MCC 1 BATTERY CHARGER DBC1PN TO DC MCC 1 BATTERY CHARGER DBC1N TO DC MCC 1 250/125VDC ESSEN MCC 1 (CH. 1)	Y	46550A	E-346		
Y				46555A	E-346			
Y				46565A	E-346			
Y				46569A	E-346			
Y				1CKA	E-346			
Y				1CKD	E-346			
28616 28618 28655 28656 28657 28658 28679 28680 28681 28692D 28693 28694 28695 28696 28697 28698 28707D 28708 28709	E1	1CAC11CEE	AC1CE11 CONTROL CIRCUIT	Y	46630A	E-346	S D	
Y				36356A	E-346	S D		
Y				46625A	E-346	S D		
Y				1CKD	E-346	S D		
Y				36356A	E-346	S D		
Y				1CKA	E-346	S D		
Y				46630A	E-346			
Y				1CKA	E-346			
Y				36356A	E-346			
Y				46056B*	E-343, 344, 355			
Y				46630A	E-346			
Y				1CKA	E-346			
Y				46625A	E-346			
Y				1CKD	E-346			
Y				1CKA	E-346			
Y				36356A	E-346			
Y				46055B*	E-343, 344, 355			
Y				46625A	E-346			
Y	1CKD	E-346						

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
28710	ESSPWR	E1	1PAC11CEA	AC1CE11 POWER CIRCUIT	Y	36309A	E-346	
28712			1PAC12CEA	AC1CE12 POWER CIRCUIT	Y	36304A	E-346	
26503A			1PD1P07A	CONTROL POWER TO UNIT SUB BUS E1	Y	46647A	E-346	
26503			3PD1N07A	CONTROL POWER TO UNIT SUB BUS E1	Y	46652A	E-346	
26504					Y	46652A	E-346	
28716			BCE11	480V ES SWGR BUS E1 BREAKER (CH. 1)	Y		E-346	
28717			BCE12	480V ES SWGR BUS E1 BREAKER (CH. 1)	Y		E-346	
28719			E1	480VAC ESSEN UNIT SUB E1 (CH. 1)	Y		E-346	
28803			E11A		1PBE107A	BE107 POWER CIRCUIT	Y	46158A
28808	1PBE107B	BE107 POWER CIRCUIT			Y	46008C	E-346	
28809	BE107	MCC E11A FEEDER CIRCUIT BREAKER (CH. 1)			Y		E-346	
29300	E12A		1PBE106A	BE106 POWER CIRCUIT	Y	46503A	E-346	
29301			1PBE106B	BE106 POWER CIRCUIT	Y	46504A	E-346	
29302			1PBE106C	BE106 POWER CIRCUIT	Y	46505A	E-346	
29303			BE106	MCC E12A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29304	E12A	480VAC ESSEN MCC E12A (CH. 1)	Y		E-346			
29400	E12B		1PBE109A	BE109 POWER CIRCUIT	Y	36071A	E-346	
29404			BE109	MCC E12B FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29507	E12C		1PBE1202A	BE1202 POWER CIRCUIT	Y	36058A	E-346	
29508			BE1202	MCC E12C FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29604G	E12E		1PBE1234A	BE1234 POWER CIRCUIT	Y	46087A*	E-343	
29605				Y	46087A	E-346		
29608			BE1234	MCC E12E FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29800	E14		1PBE110A	BE110 POWER CIRCUIT	Y	46502A	E-346	
29801			BE110	MCC E14 FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29802			E14	480VAC ESSEN MCC E14 (CH. 1)	Y		E-346	
29900	E15		1CBE105B	BE105 CONTROL CIRCUIT	Y	46521A	E-346	
29901				Y	46521A	E-346		
29902				Y	1CKA	E-346		
29903				Y	1CKD	E-346		
29904				Y	46629A	E-346		
29905			1PBE105A	BE105 POWER CIRCUIT	Y	46518A	E-346	
29906			BE105	MCC E15 FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29907			E15	480VAC ESSEN MCC E15 (CH. 1)	Y		E-346	
30002			E16A		1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	Y	46940A
30201		Y			46940A	E-346	4 A	
30003	BE118	MCC E16A FEEDER CIRCUIT BREAKER (CH. 1)			Y		E-346	
31500	F15		2CBF105B	BF105 CONTROL CIRCUIT	Y	46072A	E-346	
26623	RC3601		1CD1P21A	CONTROL POWER TO RC3701	Y	46053B*	E-343,344,356-1	
26624				Y	1CKD	E-346		
26625				Y	46615A	E-346		
26626				Y	1CKA	E-346		
26734D	RC3607		1CD1P21A	CONTROL POWER TO RC3601	Y	46053B*	E-343,344,356-1	
26735				Y	1CKD	E-346		
26736				Y	46615A	E-346		
26737				Y	1CKA	E-346		
26923	RC3701		1CD1P21A	CONTROL POWER TO RC3701	Y	46053B*	E-346	
26924				Y	1CKD	E-346		
26925				Y	46615A	E-346		
26926				Y	1CKA	E-346		
31910	RC3715		ACDAP28A	CONTROL POWER (WC1453)	Y	ACKG	E-346, 346-1	
31911				Y	ACKC	E-346, 346-1		
31912				Y	46666A	E-346		
31913				Y	ACKC	E-346, 346-1		
26815D	RC4801		1PD1P12A	DC CONT POWER TO RC4801 (MUSV6407)	Y	46796A	E-346-1	
26815E				Y	JB4615	E-346-1		
26815F				Y	46752A	E-346-1		
27403	RC4802		APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	Y	46346C	E-346-1	
27403A				Y	JB4608	E-346-1		
27403B				Y	46346B	E-346-1		
31993	Y1		1PBE1616A	ALT PWR CONST VOLTAGE TRANSFRMR XY1(CH 1)	Y	56313A	E-346	4 A
26793			1PD1P03A	POWER TO YV1 (INTERNAL)	Y	Field	E-346	
31996			1PX1A	ALT PWR VIA STATIC/MANUAL SWITCH	Y	56313B	E-343	4 A

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
33200	ESSPWR	Y1	1PXV1A	INVERTER YV1 TO INST DIST PNL Y1	Y	46653A	E-346			
31999A			XY1	ESSEN POWER TO Y1/Y1A	Y		E-346			
31999			Y1	ESSEN 120VAC INST DIST PNL Y1 (CH. 1)	Y		E-346			
32059	Y1A		1PYV1B	INVERTER YV1 TO DISP PANEL Y1A	Y	46939B	E-346-1			
32060			Y1A	ESSEN DIST PANEL Y1A (CH. 1)	Y		E-346-1			
32410	Y3		1PB1617A	ALT PWR VIA CNSTNT VLTG XFMR XY3 (CH 3)	Y	56312A	E-346	4 A		
32411					Y	56312A	E-346	4 A		
26500			3PD1N03A	POWER TO INV YV3 (INTERNAL)	Y	Field	E-346			
32413			3PY3A	ALT PWR VIA STATIC/MANUAL SWITCH	Y	56312B	E-346	4 A		
33400			3PYV3A	INVERTER YV3 TO INST DIST PNL Y3	Y	46925A	E-346			
32700A			XY3	ESSEN POWER TO Y3	Y		E-346			
32415			Y3	ESSEN 120VAC INST DIST PNL Y3 (CH. 3)	Y		E-346			
28407	YAU		APD116A	DC MCC 1 TO INVERTER YVA	Y	46556A	E-346			
32615A			APYVAA	BACKFEED TO YAU - CH A INST BUS	Y	46128A	E-346			
32610			YAU	120 VAC UNINTERRUPTABLE INST DIST PANEL	Y		E-346			
32615C					Y		E-346			
32615B			YVA	INVERTER YVA	Y		E-346			
33201	YV1		YV1	INVERTER YV1 (CH. 1)	Y		E-346			
33401	YV3		YV3	INVERTER YV3 (CH. 3)	Y		E-346			
33600	YVA		APYVAA	INVERTER YVA TO INST DIST PNL YAU	Y	46128A	E-346			
33601			YVA	INVERTER YVA	Y		E-346			
33610C					Y		E-346			
26817	ZC6452		1CD1P13A	CONTROL POWER TO AP6452	Y	36258A	E-346			
26515	ZC6459		1CD1N16A	CONTROL POWER TO AP6459	Y	46388A	E-346			
26516					Y	46388A	E-346			
26517					Y	1CKA	E-346			
26518					Y	36357D	E-346			
34500	HPIS	P197-2	1CD106B	MP1972 CONTROL CIRCUIT	Y	46281A	E-346			
34501					Y	1CKA	E-346			
34502					Y	46058B*	E-343,344,356-1			
34521			1CD106C	MP1972 CONTROL CIRCUIT	Y	36356B	E-346			
34522					Y	46281A	E-346			
34523					Y	1CKA	E-346			
34524			1CD106D	MP1972 CONTROL CIRCUIT	Y	46281A	E-346			
34525					Y	1CKA	E-346			
34526					Y	46058B*	E-343,344,356-1			
34546C			1PD106A	MP1972 POWER CIRCUIT	Y	46068B	E-343,344			
34547					Y	JB4640	E-346			
34548					Y	46068C	E-346			
34550	D106	MP1972 MCC D1 CUBICLE (CH. 1)			Y		E-346			
36000	HVAC	C71-1			1CB1217B	MC0711 CONTROL CIRCUIT	Y	46549B	E-346	
36001			Y	46549A			E-346			
36002			Y	46542A			E-346			
36003			1CB1217C	MC0711 CONTROL CIRCUIT	Y	1CKA	E-346			
36004					Y	46549C	E-346			
36005					Y	46549A	E-346			
36006			1CB1217E	MC0711 CONTROL CIRCUIT	Y	46542A	E-346			
36007					Y	1CKA	E-346			
36028					Y	36357A	E-346			
36029			1PB1217A	MC0711 POWER CIRCUIT	Y	46542A	E-346			
36030					Y	1CKA	E-346			
36031					Y	46535A	E-346			
36032			BE1217	MC0711 CIRCUIT BREAKER (CH. 1)	Y		E-346			
36033			FTS5318	MC0711 TEMPERATURE SWITCH (CH. 1)	Y		E-346			
36034			MC0711	LOW VOLTAGE SWGR RM VENT FAN 1-1 (CH. 1)	Y		E-346			
36035			NC0711	MC0711 LOCAL CONTROLLER (CH. 1)	Y		E-346			
36112			C73-1		1CB1222B	MC0731 CONTROL CIRCUIT	Y	36356A	E-346	
36113							Y	46540A	E-346	
36114	Y	1CKA					E-346			
36123	1CB1222C	MC0731 CONTROL CIRCUIT			Y	36356A	E-346			
36124					Y	46540A	E-346			
36125					Y	1CKA	E-346			
36135	1PB1222A	MC0731 POWER CIRCUIT			Y	36092A	E-351-1			
36136			Y	JB4601	E-346					
36137			Y	46532A	E-346					
36138	BE1222	MC0731 CIRCUIT BREAKER (CH. 1)	Y		E-346					
36500	C78-1		1CB1285B	MC0781 CONTROL CIRCUIT	Y	46243A	E-346			

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36501	HVAC	C78-1	1CBEL285B	MC0781 CONTROL CIRCUIT	Y	46243A	E-346	
36502					Y	JT4615	E-346	
36503					Y	46369A	E-346	
36504					Y	46369A	E-346	
36505					Y	1CKA	E-346	
36506					Y	36357A	E-346	
36516			1CBEL285C	MC0781 CONTROL CIRCUIT	Y	46369A	E-346	
36517					Y	46369A	E-346	
36518					Y	1CKA	E-346	
36519					Y	36357A	E-346	
36529			1CBEL285D	MC0781 CONTROL CIRCUIT	Y	46240A	E-346	
36530			1PBEL285A	MC0781 POWER CIRCUIT	Y	36042	E-346	
36531					Y	36042	E-346	
36538			JT4615	MC0781 TERMINAL BOX (CH. 1)	Y		E-346	
36539			MC0781	BATTERY RM A VENT FAN 1-1 (CH. 1)	Y		E-346	
36540			NC0781	MC0781 LOCAL CONTROLLER (CH. 1)	Y		E-346	
37300		HV5305	1CYE104B	MV5305 CONTROL CIRCUIT	Y	46542A	E-346	
37301					Y	1CKA	E-346	
37302					Y	36357C	E-346	
37310			1PYE104A	MV5305 POWER CIRCUIT	Y	36898A	E-346	
37315			MV5305	LOW VOLT SWGR RM VENT FN 1 DAMPER	Y		E-346	
37400		HV5305A	1CBEL240B	MV5305A CONTROL CIRCUIT	Y	46203A	E-346	
37401					Y	1CKA	E-346	
37403					Y	46546A	E-346	
37404			1CBEL240C	MV5305A CONTROL CIRCUIT	Y	46204A	E-346	
37405					Y	1CKA	E-346	
37406					Y	46203A	E-346	
37407			1CBEL240D	MV5305A CONTROL CIRCUIT	Y	Nipple	E-346	
37417D			1CBEL240E	MV5305A CONTROL CIRCUIT	Y	46051B*	E-343, 344, 355	
37418					Y	1CKD	E-346	
37419					Y	46546A	E-346	
37420					Y	1CKA	E-346	
37421			1PBEL240A	MV5305A POWER CIRCUIT	Y	46201D	E-346	
37422					Y	46201C	E-346	
37423					Y	46201A	E-346	
37424			BE1240	MV5305A CIRCUIT BREAKER (CH. 1)	Y		E-346	
37425			EV5305A	MV5305A TERMINAL BOX (CH. 1)	Y		E-346	
37426			MV5305A	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37427			NV5305A	MV5305A LOCAL CONTROLLER (CH. 1)	Y		E-346	
37500		HV5305B	1CBEL241B	MV5305B CONTROL CIRCUIT	Y	46203A	E-346	
37501					Y	46546A	E-346	
37502					Y	1CKA	E-346	
37503			1CBEL241C	MV5305B CONTROL CIRCUIT	Y	46204B	E-346	
37504					Y	46203A	E-346	
37505					Y	1CKA	E-346	
37506			1CBEL241D	MV5305B CONTROL CIRCUIT	Y	Nipple	E-346	
37416D			1CBEL241E	MV5305B CONTROL CIRCUIT	Y	46051B*	E-343, 344, 355	
37516D					Y	46051B*	E-343, 344, 355	
37517					Y	1CKD	E-346	
37518					Y	46546A	E-346	
37519					Y	1CKA	E-346	
37520			1PBEL241A	MV5305B POWER CIRCUIT	Y	46201E	E-346	
37521					Y	46201C	E-346	
37522					Y	46201A	E-346	
37523			BE1241	MV5305B CIRCUIT BREAKER (CH. 1)	Y		E-346	
37524			EV5305A	MV5305B TERMINAL BOX (CH. 1)	Y		E-346	
37525			MV5305B	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37526			NV5305B	MV5305B LOCAL CONTROLLER (CH. 1)	Y		E-346	
39000		HV5597	1CBEL208B	MV5597 CONTROL CIRCUIT	Y	46238A	E-346	
39001					Y	46540A	E-346	
39002					Y	1CKA	E-346	
39003			1CBEL208C	MV5597 CONTROL CIRCUIT	Y	46234B	E-346	
39004					Y	46540A	E-346	
39005					Y	1CKA	E-346	
39006			1CBEL208D	MV5597 CONTROL CIRCUIT	Y	46238B	E-346	
39007					Y	JT4615	E-346	
39008					Y	46369A	E-346	
39009					Y	46369A	E-346	
39010					Y	46540A	E-346	
39011					Y	1CKA	E-346	
39019			1CBEL208I	MV5597 CONTROL CIRCUIT	Y	36357B	E-346	
39020					Y	46540A	E-346	
39021					Y	1CKA	E-346	
39022			1PBEL208A	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39023					Y	46235A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39024	HVAC	HV5597	1PBEL208E	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39025					Y	46235A	E-346	
39032			1PBEL208H	MV5597 POWER CIRCUIT	Y	36018A	E-338	
39033			BEL208	MV5597 CIRCUIT BREAKER (CH. 1)	Y		E-346	
39034			FTS5597	MV5597 TEMPERATURE SWITCH (CH. 1)	Y		E-346	
39035			MV5597	BATTERY RM A MTR OPERATED DAMPER	Y		E-346	
39036			NV5597	MV5597 LOCAL CONTROLLER (CH. 1)	Y		E-346	
44012	MUPS	P-371C	ACD117B	MP0371C CONTROL CIRCUIT	Y	ACKC	E-346	3 D
44013					Y	46639A	E-346	3 D
44021			ACD117C	MP0371C CONTROL CIRCUIT	Y	ACKC	E-346	3 D
44022					Y	46639A	E-346	3 D
44038			ACD117D	MP0371C CONTROL CIRCUIT	Y	ACKC	E-346	3 D
44039					Y	46639A	E-346	3 D
44039A			ACD117H	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44039B					Y	1CKA	E-346	3 A
44039C					Y	1CKD	E-346	3 A
44039D					Y	46059B	E-346	3 A
44061A			ACD117I	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061B					Y	1CKA	E-346	3 A
44061C					Y	1CKD	E-346	3 A
44061D					Y	46059B	E-346	3 A
44061O			ACD117J	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061P					Y	1CKA	E-346	3 A
44061Q					Y	1CKD	E-346	3 A
44061R					Y	46059B	E-346	3 A
44077			APD117A	MP0371C POWER CIRCUIT	Y	46920A	E-346	
44083			D117	MP0371C MCC D1 CUBICLE (CH. A)	Y		E-346	
44154		P-371D	ACBE1192G	MP0371D CONTROL CIRCUIT	Y	46524A	E-346	3 D
44155					Y	46552A	E-346	3 D
44156					Y	ACKC	E-346	3 D
44156A			ACBE1192L	MP0371D CONTROL CIRCUIT	Y	46207A	E-346	3 A
44156B					Y	1CKA	E-346	3 A
44156C					Y	36357C	E-346	3 A
44177A			D117	MP0371C MCC D1 CUBICLE (INTLK)	Y		E-346	
45763	NNI	FI6425	Y1	ESSEN 120V AC INST DIST PNL Y1 (CH 1)	Y		E-346	
53605D	SFAS	C5762D	1CY107A	120V AC CONTROL POWER	Y	46053B*	E-343, 344, 355	
53607					Y	1CKD	E-346	
53608					Y	46122A	E-346	
53609					Y	1CKA	E-346	
53700		C5763D	3CY307A	120V AC CONTROL POWER	Y	46091A	E-346	
53701					Y	JB4607	E-346	
53705					Y	46091B*	E-343, 344, 355	
61381D	SWS	P3-3	1PD1P08A	CONTROL POWER TO TRANSFER SWGR 4-ACD4	Y	46198A	E-338	
61416		SW1356	1CV1356E	SV1356 CONTROL CIRCUIT	Y	46548A	E-346	
61417					Y	1CKA	E-346	
61418					Y	1CKD	E-346	
61419					Y	46051B*	E-343, 344, 355	
61600		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	Y	46547A	E-346	
61601					Y	1CKA	E-346	
61602					Y	1CKD	E-346	
61603					Y	46051B*	E-343, 344, 355	
61612			1CV1358AH	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61613					Y	46521A	E-346	
61614					Y	1CKA	E-346	
61615					Y	1CKD	E-346	
61616					Y	46056B*	E-343, 344, 356-1	
61635			1CV1358AJ	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61636					Y	46521A	E-346	
61637					Y	1CKA	E-346	
61638					Y	1CKD	E-346	
61639					Y	46058B*	E-343, 344, 356-1	
61678			2CV1358BH	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61679					Y	46072A*	E-344, 343	
61679B					Y	46072A*	E-343, 344	
61698			2CV1358BJ	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61699					Y	46072A*	E-343, 344	
61699B					Y	46072A*	E-343, 344	
61748			BEL501	CAC FAN 3 STARTER	Y		E-346	
61750			BEF15	480 V MCC FOR ESSENTIAL EQUIPMENT	Y		E-351-1	
61822		SW1366	1CBEL142G	MV1366 CONTROL CIRCUIT	Y	46548A	E-346	

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APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
61823	SWS	SW1366	1CBE1142G	MV1366 CONTROL CIRCUIT	Y	1CKA	E-346	
61824					Y	1CKD	E-346	
61825					Y	46055B*	E-343, 344, 355	
61843			BE1401	CAC FAN 1 STARTER	Y		E-346	
62000		SW1368	1CBE1207B	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62001					Y	46521A	E-346	
62002					Y	46545A	E-346	
62003					Y	1CKA	E-346	
62004			1CBE1207C	MV1368 CONTROL CIRCUIT	Y	46547A	E-346	
62005					Y	46547A	E-346	
62006					Y	46545A	E-346	
62007					Y	1CKA	E-346	
62008			1CBE1207D	MV1368 CONTROL CIRCUIT	Y	46261A	E-346	
62009					Y	46545A	E-346	
62010					Y	1CKA	E-346	
62016			1CBE1207E	MV1368 CONTROL CIRCUIT	Y	46053B	E-343	
62017					Y	1CKD	E-343	
62018					Y	1CKA	E-346	
62019					Y	46262A	E-346	
62029D			1CBE1207F	MV1368 CONTROL CIRCUIT	Y	46053B*	E-343, 344, 355	
62030					Y	46053B	E-343	
62031					Y	1CKD	E-343	
62032					Y	1CKA	E-346	
62033					Y	46545A	E-346	
62036			1CBE1207K	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62037					Y	46521A	E-346	
62038					Y	1CKA	E-346	
62039					Y	46545A	E-346	
62039A			1CBE1207L	MV1368 CONTROL CIRCUIT	Y	46970C	E-346	
62039B					Y	1CKA	E-346	
62039C					Y	1CKD	E-346	
62039D					Y	46970D	E-346	
62040			1PBE1207A	MV1368 POWER CIRCUIT	Y	46490A	E-346	
62041					Y	46490A	E-346	
62042			2CBF1224B	MV1368 CONTROL CIRCUIT	Y	46072A	E-343	
62043					Y	46072A*	E-343, 344	
62043B					Y	46072A*	E-343, 344	
62074			2CBF1224K	MV1368 CONTROL CIRCUIT	Y	46173A	E-346	
62076			2PBF1224A	MV1368 POWER CIRCUIT	Y	46536A	E-346	
62081			3PBE1207H	MV1368 POWER CIRCUIT	Y	46075A	E-346, 351-1	
62082			BE1207	MV1368 CIRCUIT BREAKER (CH. 1)	Y		E-346	
62092			BE1501	CAC FAN 3 STARTER	Y		E-346	
62094			BEF128	MCC EF12 BREAKER FROM E12A	Y		E-346, 351-1	
62095			BEF129	MCC EF12 BREAKER FROM F12A	Y		E-346, 351-1	
62085			CDE-12A-1	MV1368 DISCONNECT SWITCH (CH. 1)	Y		E-346	
62086A			EVI3680A	MV1368 LOCAL CONTROL PANEL (CH. 1)	Y		E-346	
62408		SW1382	1CBE1218B	MV1382 CONTROL CIRCUIT	Y	36356A	E-346	
62409					Y	46546A	E-346	
62410					Y	1CKA	E-346	
62413			1CBE1218E	MV1382 CONTROL CIRCUIT	Y	46261A	E-346	
62414					Y	1CKA	E-346	
62415					Y	46546A	E-346	
62430			1CBE1218F	MV1382 CONTROL CIRCUIT	Y	36356A	E-346	
62431					Y	1CKA	E-346	
62432					Y	46260A	E-346	
62437			1CBE1218G	MV1382 CONTROL CIRCUIT	Y	36357A	E-346	
62438					Y	1CKA	E-346	
62439					Y	46260A	E-346	
62450			1CBE1218H	MV1382 CONTROL CIRCUIT	Y	36357C	E-346	
62451					Y	1CKA	E-346	
62452					Y	46543A	E-346	
62463			1CBE1218I	MV1382 CONTROL CIRCUIT	Y	36357C	E-346	
62464					Y	1CKA	E-346	
62465					Y	46260A	E-346	
62494			1CSD03A	MV1382 CONTROL CIRCUIT	Y	36356A	E-346	
62495					Y	1CKA	E-346	
62496					Y	46261A	E-346	
62506			1PBE1218A	MV1382 POWER CIRCUIT	Y	36092A	E-351-1	
62507					Y	JB4601	E-346	
62508					Y	46533A	E-346	
62509			BE1218	MV1382 CIRCUIT BREAKER (CH. 1)	Y		E-346	
62513			CDE-12A-1	MV1382 DISCONNECT SWITCH (CH. 1)	Y		E-346	
63403		SW2927	1CBE1232B	MV2927 CONTROL CIRCUIT	Y	46106A	E-346	
63404					Y	1CKD	E-346	
63405					Y	1CKA	E-346	
63406					Y	46538A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-2

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY FIRE AREA

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63409	SWS	SW2927	1CBE1232E	MV2927 CONTROL CIRCUIT	Y	46262A	E-346	
63410					Y	1CKA	E-346	
63411					Y	46538A	E-346	
63416D			1CBE1232F	MV2927 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
63417					Y	1CKD	E-343	
63418					Y	1CKA	E-346	
63419					Y	46263A	E-346	
63427			1PBE1232A	MV2927 POWER CIRCUIT	Y	46107A	E-346	
63428			BE1232	MV2927 CIRCUIT BREAKER (CH. 1)	Y		E-346	
63432			CDE-12A-1	MV2927 DISCONNECT SWITCH (CH. 1)	Y		E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT