

DAVIS-BESSE NUCLEAR POWER
STATION

Fire Hazards Analysis Report
Revision 18 Replacement Pages

Volume 2

November 2000

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					E	27092A	E-335	
00022					E	Nipple	E-335	
00023					DG	48069A	E-348	
00024					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					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	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	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					
00072	F	48257A	E-335					
00073	E	48257A	E-335					
00074	DG		E-348					
00075	FF		E-353					
00076	FF		E-353					
00077	DG		E-348					
00078	E		E-335					
00079	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		
00104				S	JB3607	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								
00105	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	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					E	27093A	E-335									
00112					E	Nipple	E-335									
00113					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					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					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					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					E	46006F	E-335									
00155					FF	FF	E-353									
00156					FF	FF	E-353									
00157					G	G	E-335									
00158					Y	Y	E-346									
00159					E	E	E-335									
00160					E	E	E-335									
00161					E	E	E-335									
00162					E	E	E-335									
00200					AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	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									F	27094A	E-335					
00213									F	Nipple	E-335					
00113										1CD107C	MV3870 CONTROL CIRCUIT					
00113										1CD107D	MV3870 CONTROL CIRCUIT					
00113										1CD107E	MV3870 CONTROL CIRCUIT					
00128										1CD107F	MV3870 CONTROL CIRCUIT					
00137						1CD107G	MV3870 CONTROL CIRCUIT									
00147						1PD107A	MV3870 POWER CIRCUIT									
00154						1PD107H	MV3870 POWER CIRCUIT									
00154						C5706	MV3870 CONTROL ROOM PANEL (CH. 1)									
00156						C5762A	MV3870 CONTROL ROOM PANEL (CH. 1)									
00157						CDE-11D	MV3870 DISCONNECT SWITCH (CH. 1)									
00158						D107	MV3870 MCC D1 CUBICLE (CH. 1)									
00159						EV3869	MV3870 TERMINAL BOX (CH. 1)									
00160						JT2750	MV3870 TERMINAL BOX (CH. 1)									
00161						MV3870	AFW PUMP 1-1 DISCH TO SG 1 (CH. 1)									
00162						NV3870	MV3870 LOCAL CONTROLLER (CH. 1)									
00212						2CBF1201C	MV3871 CONTROL CIRCUIT									
00213						2CBF1201D	MV3871 CONTROL CIRCUIT									

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

FIRE HAZARD ANALYSIS
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		
00214	AFWS	AF3871	2CBF1201E	MV3871 CONTROL CIRCUIT	X	46526A	E-346			
00215					X	46739C	E-346			
00216					X	2CKM	E-346			
00217					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			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			X	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			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			X		E-346					
00256			FF		E-353					
00257			FF		E-353					
00258			X		E-346					
00259			F		E-335					
00260			F		E-335					
00261			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	F	27095A			E-335					
00312	F	Nipple			E-335					
00313	J	36613A			E-338					
00314	J	36905A			E-338					
00315	J	36905A			E-338					
00316	J	2CGS			E-338					
00317	FF	5706D2			E-356-8					
00318	DD	5706D2			E-356-8					
00319	DD	2CPN			E-356-8					
00320	DD	2CED			E-356-7					
00321	A	2CED			E-335, 349-2, 347					
00322	A	2CEE			E-335					
00323	F	2CEE			E-335					
00324	DUCT	36179B*			E-337, 342					
00325	Q	JB3620			E-338					
00326	Q	36176A			E-338					
00327	Q	2CGE			E-338					
00327	DUCT	36176B*			E-337					

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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				
00328	AFWS	AF3872	2CBF1262F	MV3872 CONTROL CIRCUIT	J	36176C	E-338					
00329					J	36613B	E-338					
00330					J	2CGS	E-338					
00331					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					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					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		J		E-338								
00372		FF		E-353								
00373		FF		E-353								
00374		J		E-338								
00375		F		E-335								
00376		F		E-335								
00377		F		E-335								
00400		AF599	2CBF1118C	2CBF1118D	2CBF1118F	MV599 CONTROL CIRCUIT	A	36325A	E-349-2			
00401										A	Nipple	E-349-2
00402										DF	47356B	E-347
00403			DF	47300A	E-347							
00404			DF	2CLA	E-347							
00405			A	47001B	E-349-2							
00406			DF	47001A*	E-344, 343							
00406A			A	47001A*	E-343, 344							
00407			DD	JB5776	E-356							
00408			DD	2CPN	E-356							
00409			DD	JT5722	E-356							
00410	FF		UNSCHE	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	B		18215D	E-412								
00418	AB		18215D	E-332, 412								
00419	A		18215D	E-332,335,349								
00420	DF		18215D	E-347								
00421	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								

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
00425	AFWS	AF599	2PBF1118B	MV599 POWER CIRCUIT	AB	18215B	E-412, 332	
00426				B	18215B	E-412		
00427				DF		E-332		
00428				FF		E-353		
00429				DF		E-347		
00430				A		E-349-2		
00433				DD		E-356-1B		
00431				A		E-349-2		
00432				A		E-349-2		
00500				AF608		1CBE1160C 1CBE1160D 1CBE1160F	MV599 CIRCUIT BREAKER (CH. 2)	AB
00501	AB	Nipple	E-350					
00502	V	38071B	E-350					
00503	V	1CJM	E-350					
00504	U	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	AB	48265A	E-350					
00515	AB	48265A	E-348, 350					
00516	DG	48265A	E-348					
00517	DD	JB5777	E-356					
00518	DD	JT5721	E-356					
00519	FF	UNSCHEd	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	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	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	DG		E-348					
00543	FF		E-353					
00544	V		E-350					
00545	AB		E-350					
00546	DD		E-356-1B					
00547	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	2CGE	E-338		
00607				Q	36172A	E-338		
00608				R	36172A	E-338		
00609				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		
00616				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		

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	
00620	AFWS	AF6451	2CLC6451C	AF6451 CONTROL CIRCUIT	X	2CKM	E-346-1		
00621			2CLC6451D	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1		
00622					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		
00646					F	27886A	E-335		
00647			2LLC6451H	AF6451 CONTROL CIRCUIT	F	27886B	E-335		
00698			C3630	AF6451 AUX SHUTDOWN PANEL (CH 2)	R		E-338		
00697			C4625	AF6451 CONTROL CABINET (CH 2)	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		
00705	AFWS	AF6451	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			
00702			FV6451	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 2)	F		E-335			
00699			RC3702	AF6451 RELAY CABINET (CH 2)	A		E-338			
00701			ZC6451	AF6451 SOLENOID VALVE (CH 2)	F		E-335			
00703			ZS38710	AF6451 LIMIT SWITCH (CH 2)	F		E-335			
00704			ZS38720	AF6451 LIMIT SWITCH (CH 2)	F		E-335			
00700			ZS5889B	AF6451 LIMIT SWITCH (CH 2)	F		E-335			
00851			AF6452	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
00801						R	36982B	E-338		
00802						R	JB3699	E-338		
00803						R	36982D	E-338		
00804						R	36982D	E-338		
00805						A	36982D	E-338		
00821					1CLC6452D	AF6452 CONTROL CIRCUIT	P	36982D	E-338	
00822						S	36982A	E-338		
00823						S	1CGC	E-338		
00824						S	36090A	E-338, 418		
00825				S	JB3607	E-338				
00826				S	36090B	E-338				
00827				S	36090B*	E-338, 342				
00828				DUCT	1CEC	E-335				
00829				E	27892A	E-335				
00830				E	27892B	E-335				
00831				E	27892C	E-335				
00832				E	27892E	E-335				
00833				E	JB27A1	E-335				
00848			1CLC6452I	AF6452 CONTROL CIRCUIT	E	FLEX	E-335			
00849				E	27892D	E-335				
00850				E	27892B	E-335				
00855			1CLC6452J	AF6452 CONTROL CIRCUIT	R	27202C	E-335			
00856				R	36142A	E-338				
00857				S	36142A	E-338				
00858				S	1CGC	E-338				
00859				S	36091A	E-338, 351-1, 418				
00860				S	JB3607	E-338				
00861				S	36091B	E-335, 342				
00862				S	36091B	E-338				
00863				DUCT	36091B*	E-337				
00864				E	1CEB	E-335				
00865				E	27096A	E-335				
00866				E	EV3869	E-335				
00867			1CLC6452K	AF6452 CONTROL CIRCUIT	E	27092A	E-335			
00868				R	36142A	E-338				
00869				S	36142A	E-338				
00870				S	1CGC	E-338				
00870A				S	36091A	E-338				
00870B				S	JB3607	E-338, 351-1				
00870C				DUCT	36091B*	E-337				
00870D				E	1CEB	E-335				
00870E				E	27096A	E-335				
00870F				E	EV3869	E-335				
00871			1CLY6453A	LY6453 CONTROL CIRCUIT	E	27093A	E-335			
00872				DD	1CJL	E-356-1, 356-6				
00873				DD	1CPL	E-356-1, 356-6				
00874				DD	1CP17A	E-356-8				
00875				FF	1CP17A	E-353				
00876				A	37805C	E-349-2				
00877				V	37805C	E-349-3				
00878				V	1CJL	E-349-3				
00879				U	1CJL	E-349-3				
00880			1CLY6453B	LY6453 CONTROL CIRCUIT	CC	1CJL	E-347			
00881				DD	1CJL	E-356-1, 356-6				
00882				DD	1CP63C	E-356-1				
00883				DD	1CPL	E-356-1				
00884				U	1CJL	E-349-3				
00885				U	1CJL	E-349-3				
00886				V	1CJL	E-349-3				
00887				V	37805C	E-349-3				
00888				CC	1CJL	E-347				
00806			1LLC6452B	AF6452 CONTROL CIRCUIT	A	37805C	E-349-2			
00807				FF	1CP63C	E-353				
00808				S	36983A	E-338				
				S	JB3698	E-338				
				S	36081B	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		
00809	AFWS	AF6452	1LLC6452B	AF6452 CONTROL CIRCUIT	DUCT	36081B*	E-338	A		
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			
00820			FF	C5706B	E-356-1B					
00840			1LLC6452E	AF6452 CONTROL CIRCUIT	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						E	27202B		E-335	
00834						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						E	27202B		E-335	
00895						R			E-338	
00889						S			E-337	
00891			FF		E-353					
00900			FF		E-353					
00899			FF		E-353					
00894			E		E-335					
00890			F		E-349					
00898			A		E-349					
00893			E		E-335					
00896			E		E-335					
00897			E		E-335					
00892			E		E-335					
0910			E183	N/A	N/A	MDFP SEAL WTR COOLERS	II		MAN	
0920			E184-1	N/A	N/A	MDFP SEAL WTR COOLERS	II		MAN	
0930			E184-2	N/A	N/A	MDFP SEAL WTR COOLERS	II		MAN	
01016			FW6459	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	UNSCHED			E-353					
01047	II	24223B			E-308					
01000	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					
01005	DUCT	36090B*			E-342					
01006	E	1CEC			E-335					
01007	A	1CEC			E-335					
01047	1CLC6459G	FW6459 CONTROL CIRCUIT			FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	FF	UNSCHED	E-353	
01000							II	24223B	E-308	
01001	1CLC6459H	FW6459 CONTROL CIRCUIT			FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01002			S	1CGC			E-338			
01003	1CLC6459H	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	S	36090A	E-338, 418			
01004					S	JB3607	E-338			
01005	1CLC6459H	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	S	36090B	E-338			
01006					DUCT	36090B*	E-342			
01007	1CLC6459H	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	FW6459 CONTROL CIRCUIT	E	1CEC	E-335			
01008					A	1CEC	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
01008	AFWS	FW6459	1CLC6459H	FW6459 CONTROL CIRCUIT	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	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	E	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	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	1LEC	E-335					
01038	II	27891C	E-308					
01046	II	24223A	E-308					
01039	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	II	24223A	E-308					
01063	S	36983A	E-337					
01067	FF	27891C	E-353					
01066	II	24223A	E-308					
01064	DD	36081B	E-356					
01065	II	1LEC	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				II	24222B	E-308		
01100				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	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						
01113	X	46969D	E-346					
01114	DF	36980B	E-335					
01115	A	36980B	E-335					
01116	A	36980B	E-338					
01117	F	JB2711	E-335					
01118	F	27890A	E-335					
01119	A	27890A	E-335					
01119	II	27890A	E-308					

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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		
01120	AFWS	FW6460	2LLC6460D 2LLC6460E	FW6460 CONTROL CIRCUIT	II	24222A	E-308			
01121				FW6460 CONTROL CIRCUIT	X	469690	E-346			
01122						DF	36980B	E-335		
01123						A	36980B	E-335		
01124						A	36980B	E-338		
01125						F	JB2711	E-335		
01126						F	27890A	E-335		
01127						A	27890A	E-335		
01128						II	27890A	E-308		
01129						II	24222A	E-308		
01137					2LLC6460F	FW6460 CONTROL CIRCUIT	II		E-308	
01141					C4625	FW6460 CONTROL CABINET (CH 2)	X		E-346	
01140					C5709	FW6460 CONTROL ROOM PANEL (CH 2)	FF		E-353	
01138					FW6460	MDFP FLOW CONTROL VALVE (CH 2)	II		E-308	
01139					JT5722	FW6460 TERMINAL BOX (CH 2)	DD		E-356	
					ZC6460	FW6460 SOLENOID VALVE (CH 2)	II		E-308	
01200			ICS038A	2CAFPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704		F	27204A	E-335	
01201						D	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				
01259				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				

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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
01263	AFWS	ICS038A	CDF-12A-1 FZS1CS38J ICS038A JT2704 MK0032	ICS038A DISCONNECT SWITCH (CH. 2) ICS038A LIMIT SWITCH (CH. 2) AFPT 1-2 GOVERNOR CTRL VLV (CH. 2) ICS038A JUNCTION BOX (CH. 2) ICS038A GOVERNOR VALVE (CH. 2)	X		E-346	
01264					F	E-335		
01265					F	E-335		
01266					F	E-335		
01267					F	E-335		
01300					ICS038B	ICS038B	1CAFPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703
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	ICS038B	ICS038B	1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	FF	1CKA	E-346	
01311					DD	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	ICS038B	ICS038B	1CAFPT01C	ICS038B CONTROL CDE-12A-1 TO C3630	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	1CKA	E-346	
01329					R	36142A	E-338	
01330	ICS038B	ICS038B	1CAFPT01M	ICS038B 24V DC POWER C3630 TO JT2703	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	1CKA	E-346	
01336					E	27086A	E-335	
01337					E	1CEB	E-335	
01338					DUCT	36088B*	E-337	
01339					S	36088B	E-338	
01340	ICS038B	ICS038B	1CAFPT01P	ICS038B CONTROL CIRCUIT	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					Y	46262A	E-346	
01346					Y	1CKA	E-346	
01347					Y	36356B	E-346	
01348					S	36356B	E-338	
01349					S	1CGC	E-338	
01350	ICS038B	ICS038B	1CAFPT01Q 1CSD07A	ICS038B CONTROL CIRCUIT ICS038B CONTROL CIRCUIT	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					E	27299A	E-335	
01357					R	36142A	E-338	
01358					S	36142A	E-338	
01359					S	1CGC	E-338	
01360	ICS038B	ICS038B	C3630 C5706 CDE-12A-1 1CAFPT01B	ICS038B AUX SHUTDOWN PANEL (CH. 1) ICS038B CONTROL ROOM PANEL (CH. 1) ICS038B DISCONNECT SWITCH (CH. 1) ICS038B CONTROL CDE-12-1 TO C5709	S	36357A	E-338	
01361					Y	36357A	E-346	
01362					Y	46262A	E-346	
01363					Y	1CKA	E-346	
01364					R		E-338	
01365					FF		E-353	
01366					Y		E-346	
01315A					DD	27112B*	E-339, 344, 356	
01315B					II	27112B*	E-339, 344, 356	
01315C					CC	27112B*	E-339, 344, 356	
01316A	UU	27112A*	E-333, 339					
01316B	A	27112A*	E-333, 339					
01368	E		E-335					

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

FIRE HAZARD ANALYSIS
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
01369 01370	AFWS	ICS038B	JT2703 MK0031	ICS038B TERMINAL BOX (CH. 1) ICS038B GOVERNOR VALVE (CH. 1)	E E		E-335 E-335	
01399A 01399B 01400 01401 01402 01403 01404 01405 01406 01407 01408 01409 01410 01410A 01411 01412 01413 01414 01415 01416 01417 01418 01419 01420 01421 01422 01424 01425 01426 01427 01428 01429 01430 01431 01432 01433 01435 01436 01437 01438 01439 01440 01441 01442 01443 01444 01445 01446 01447 01447A 01447B 01447C 01447D 01448 01449 01450 01451 01452 01453 01454 01455 01456 01458 01459 01460 01461 01462 01463 01464 01465 01466 01467 01468 01469 01470 01471	MS106	1CD135B	MS106 CONTROL CIRCUIT	EE V V V V V V V DUCT MC DUCT MB DUCT DUCT K K K K K DUCT S S S Y Y Y EE E E E E E E A A G G U U U V V FF FF DD DD DD DD A DF X Y Y V V U U U U G G A A E DUCT S S S S S Y Y Y V	58078B 58078B JB4582 58078A 36098G 1CLA 36098F 36098E* Exposed 36098D* Exposed 36098C* 36098B* 36098B 36098A 36041C 1CGP JB3637 36041B* 36041A 1CGC 36357B 36357B 46218C 1CKA 58077A 27309D 27309C 1CEX 27300A 1CEA JB2708 27300B 1CEA 27517A 27517A 1CDB 1CDB 37048A 1CJM 38558A 1CJM 1CPA62 1CP62A 1CP62A 1CPL 46060A 1CPM 46060B* 46060B* 46060B* 46060B* 46218C 1CKA 38356B 1CJM 1CJM 37048B 1CDB 1CDB 27142B 27142B 1CEB 1CEB 36085B* 36085B JB3607 36085A 1CGC 36357B 36357B 46218C 1CKA 38556A 1CJL	E-417 E-348 E-348 E-348 E-348 E-348 E-340 E-310, 304, 340 E-310 E-329, 310 E-329 E-329 E-337, 329 E-337, 338 E-338 E-338 E-338 E-337, 341 E-338 E-338 E-346 E-346 E-346 E-417 E-335 E-335 E-335 E-335 E-335 E-335 E-335 E-335 E-349-3 E-349-3 E-349-3 E-350 E-350 E-353 E-423 E-423 E-356-6 E-356-6, 356-1 E-356-6, 356-1 E-343, 344 E-343, 344, 356-1 E-343, 344, 355 E-343, 344, 355 E-343, 344 E-346 E-349-3, 350 E-349-3, 350 E-349-3 E-349-3 E-349-3 E-335 E-335 E-335 E-335 E-335 E-337, 342 E-338 E-338 E-338 E-338 E-346 E-346 E-346 E-350 E-350, 349	A A	
			1CD135C 1CD135F	MV106 CONTROL CIRCUIT MV106 CONTROL CIRCUIT				
			1CD135G	MV106 CONTROL CIRCUIT				
			1CD135H	MV106 CONTROL CIRCUIT				
			1CD135I	MV106 CONTROL CIRCUIT				

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
01472	AFWS	MS106	1CD135I	MV106 CONTROL CIRCUIT	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	J85777	E-356-1A		
01479					DD	1CPM	E-356-1B		
01480					FF	UNSCHED	E-353		
01481						27309E	E-335		
01482			1CD135K	MV106 CONTROL CIRCUIT		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						E	1CEA	E-335	
01488						A	27517A	E-335	
01489						G	27517A	E-335	
01491						U	1CDB	E-335	
01492						U	1CDB	E-349-3	
01493			1CD135L	MV106 CONTROL CIRCUIT		U	37048A	E-349-3	
01494						U	1CJM	E-349-3	
01495						V	1CJM	E-350	
01496						V	38558A	E-350	
01497						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			1CD135M	MV106 CONTROL CIRCUIT		U	1CDB	E-349-3	
01504						U	1CDB	E-335	
01505						G	27142A	E-335	
01507						E	1CEB	E-335	
01508						DUCT	36085B*	E-337, 342	
01509						S	J83607	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				
01516			AB	38076A	E-350, 351-5				
01517			AB	1CJP	E-350, 351-5				
01518			V	1CJM	E-350				
01519			U	1CJM	E-349-3				
01520			U	37048A	E-349-3				
01521			U	1CDB	E-349-3				
01522			G	1CDB	E-335				
01523			G	27142A	E-335				
01525			A	27142A	E-335				
01526			A	1CEB	E-335				
01527			A	1CEB	E-335				
01528			DUCT	36085B*	E-337, 342				
01529			S	J83607	E-338				
01530	S	36085A	E-338						
01531	S	1CGC	E-338						
01532	S	36357B	E-338						
01533	Y	36357B	E-346						
01534	Y	46218C	E-346						
01535	Y	1CKA	E-346						
01536	D	29021C	E-373						
01537	D	29021B*	E-364						
01538	D	29021A	E-363						
01539	AB	Exposed	E-378B-3						
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	U	1CDB	E-335						
01552	U	1CDB	E-349-3						
01554	U	37048A	E-349-3						
01555	V	38556B	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		
01556	AFWS	MS106	1CD135P 1CD135R	MV106 CONTROL CIRCUIT	V	1CJM	E-350			
01557				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				U	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		
01584				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				1CD135Y	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						EE	46209B	E-417		
01627				1PD135X	MV106 POWER CIRCUIT	FF		E-353		
01609				C5706	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
01610				C5762A	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
01611				CDE-11C	MV106 DISCONNECT SWITCH (CH. 1)	V		E-350		
01612				D135	MV106 MCC D1 CUBICLE (CH. 1)	Y		E-346		
01614				EV106	MV106 TERMINAL BOX (CH. 1)	EE		E-417		
01616				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	AFPT 1 MN STM INLET ISO VLV (CH. 1)	EE		E-417		
01621				NCDE-11C	MV106 LOCAL CONTROLLER (CH. 1)	V		E-350		
01623				P1C2LI	MV106 PENETRATION TERMINAL BOX (CH. 1)	D		E-363		
01624				P1C2LX	MV106 PENETRATION TERMINAL BOX (CH. 1)	AB		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			

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
01715	AFWS	MS106A	1CBE1271B 1CBE1271C 1CBE1271F	MV106A CONTROL CIRCUIT MV106A CONTROL CIRCUIT MV106A CONTROL CIRCUIT	K	1CGP	E-338	
01716					EE	57151B	E-414	
01718					K	36612A	E-338	
01719					K	36953A	E-338	
01720					K	1CGP	E-338	
01721					K	36612B	E-338	
01722					K	1CGP	E-338	
01723					K	36096A	E-338	
01724					K	36096B	E-337, 329	
01725					DUCT	36096B*	E-337, 338	
01726					DUCT	36096C*	E-329	
01727					MB	Exposed	E-329	
01728					DUCT	36096D*	E-304, 310, 329	
01729					MC	Exposed	E-329	
01730					DUCT	36096E*	E-310, 340	
01731					V	36096F	E-350	
01732					V	36096G	E-348	
01733					V	1CLA	E-348, 347	
01734					DD	1CLA	E-356-6	
01735					DD	1CPL	E-356-6	
01736					DD	J85777	E-356-1A	
01737					DD	1CPL	E-356-6	
01738					DD	1CPM	E-356-6	
01739					FF	UNSCHED	E-353	
01740					FF	1CPA62	E-356-10	
01741					FF	1CP62A	E-353	
01742					DD	1CP62A	E-423	
01743					DD	1CPL	E-356-6	
01744					DD	1CLA	E-356-6	
01745					V	1CLA	E-348	
01746					V	36096G	E-348	
01747					V	36096F	E-350	
01748					DUCT	36096E*	E-310, 340	
01749					MC	Exposed	E-329	
01750					DUCT	36096D*	E-304, 310, 329	
01751					MB	Exposed	E-329	
01752					DUCT	36096C*	E-329	
01753					DUCT	36096B*	E-337, 329	
01754					K	36096B	E-337, 338	
01755					K	36096A	E-338	
01756					K	36953A	E-338	
01757					K	1CGP	E-338	
01758					DUCT	36096E*	E-310, 340	
01759					FF	1CPA62	E-353	
01760					FF	1CP62A	E-423	
01761					DD	1CPL	E-356-6	
01762					DD	1CLA	E-356-6	
01763					V	1CLA	E-348, 347	
01764					V	36096G	E-348	
01765					V	36096F	E-350	
01766					MC	Exposed	E-329	
01767					DUCT	36096D*	E-329	
01768					MB	Exposed	E-329	
01768A					DUCT	36096C*	E-329	
01769					DUCT	36096B*	E-337, 329	
01770					K	36096B	E-337, 338	
01771					K	36096A	E-338	
01772					K	36953A	E-338	
01773					K	1CGP	E-338	
01774					E	27283A	E-335	
01775					E	1CEB	E-335	
01776					A	1CEB	E-335	
01777					A	27142B	E-335	
01778					G	27142B	E-335	
01779					G	1CDB	E-335	
01780					U	1CDB	E-349-3	
01781					U	37048B	E-349-3	
01782					U	1CJM	E-349-3	
01783					V	1CJM	E-350	
01784					V	38556B	E-350	
01785					V	38557A	E-350	
01786					V	1CJL	E-350	
01787					U	1CJL	E-349-3	
01788					CC	1CJL	E-347	
01789					CC	47250A	E-347	
01790					V	36096G	E-348	
01791					V	1CLA	E-348, 347	
01792					V	36096F	E-350	
					DUCT	36096E*	E-310, 340	

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

FIRE HAZARD ANALYSIS
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
01793 01794 01795 01796 01797 01797A 01798 01799 01800 01801 01802 01803 01804 01805 01806 01807 01808 01817 01809 01810 01811 01812 01813 01816 01814	AFWS	MS106A	1CBE1271L	MV106A CONTROL CIRCUIT	MC DUCT MB DUCT DUCT K K K K EE EE EE X Q J K K FF FF V K EE E DD EE	Exposed 36096D* Exposed 36096C* 36096B* 36096B 36096A 36953B 1CGP FLEX JB5770 36239A 36239A 36239A 36239A 36239A	E-329 E-304, 310, 329 E-329 E-329 E-337, 329 E-337, 338 E-338 E-338 E-338 E-414 E-414 E-413, 414 E-346-1 E-338 E-338 E-338 E-338 E-338 E-353 E-353 E-350 E-338 E-414 E-335 E-356-1B E-414	
01900 01901 01902 01903 01904 01904A 01904B 01904C 01905 01906 01908 01909 01910 01911 01912 01913 01914 01915 01916 01917 01918 01919 01920 01921 01922 01923 01924 01925 01926 01927 01928 01929 01930 01931 01932 01933 01934 01935 01936 01937 01938 01938A 01939 01940 01941 01942 01943 01944 01945 01946 01947 01948 01949		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	EE DH DH DH DH II EE DF DF EE F F F A A A DD DD DF DF DF FF FF DD DD DD DD DD DD DF DF DF DF DF DF DF DF DD DD DD DD FF F F A A A DD	67065A 67065A JB6720 47064C 47064B* 47064B* 47064B* 47064B* 47064A 67150A 27380B 2CEW 27381A 2CEC 2CEC 2CEB 2CEA 2CEA 2CLA 2CLA 47703A 2CLB 2CP92D 2CP92A 2CP92A 2CEV 2CPN 2CKM 2CPR 2CLA 2CLA 47318A 47703A 2CLB 47317A 2CLA 47705A 2CLB 2CLA 2CPP 2CPN JB5776 2CPN UNSCHEM 27380A 2CEW 27091A 2CEC 2CEC 2CEB 2CEA 2CEA	E-414 E-416 E-416 E-416 E-344, 347, 358 E-344, 347, 358 E-344, 347, 358 E-344, 347, 358 E-347 E-414 E-335 E-335 E-335 E-335 E-335 E-349-2, 347 E-356-7 E-356-7 E-347 E-347 E-347 E-353 E-353 E-353 E-423 E-356-7 E-356-7 E-356-7 E-356-7 E-356-7 E-356-7 E-347 E-347 E-347 E-347 E-347 E-347 E-356 E-356 E-356 E-356 E-356 E-356 E-356 E-335 E-335 E-335 E-335 E-335 E-349-2, 347 E-356-7	
			2CBF1124C 2CBF1124F	MV107 CONTROL CIRCUIT MV107 CONTROL CIRCUIT				
			2CBF1124G	MV107 CONTROL CIRCUIT				
			2CBF1124H	MV107 CONTROL CIRCUIT				
			2CBF1124I	MS107 CONTROL CIRCUIT				
			2CBF1124K	MV107 CONTROL CIRCUIT				

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
01950	AFWS	MS107	2CBF1124K	MV107 CONTROL CIRCUIT	DD	2CLA	E-356-7	
01951					DF	2CLA	E-347	
01952					DF	47703A	E-347	
01953					DF	2CLB	E-347	
01954					DF	2CLB	E-347	
01955					DF	47705A	E-347	
01956					DF	47317A	E-347	
01957					DF	2CLA	E-347	
01958					DF	47317A	E-347	
01959					DF	2CLA	E-347	
01960					D	49091A	E-362	
01961					A	Exposed	E-378B-3	
01962					F	27380D	E-335	
01963					F	2CEW	E-335	
01964					F	27381A	E-335	
01965			F	2CEC	E-335			
01966			A	2CEB	E-335			
01967			A	2CEA	E-349-2, 347			
01968			DD	2CEA	E-356-7			
01969			DD	2CLA	E-356-7			
01970			DF	2CLA	E-347			
01971			DF	47703A	E-347			
01972			DF	2CLB	E-347			
01973			F	27380C	E-335			
01974			F	2CEW	E-335			
01975			F	27091A	E-335			
01976			F	2CEC	E-335			
01977			A	2CEC	E-335			
01978			A	2CEB	E-335			
01979			A	2CEA	E-349-2, 347			
01980			DD	2CEA	E-356-7			
01981			DD	2CLA	E-356-7			
01982			DF	2CLA	E-347			
01983			DF	47703A	E-347			
01984			DF	2CLB	E-347			
01985			DF	47363A	E-347			
01988			DF	47703A	E-347			
01989			DF	2CLB	E-347			
01990			F	27363B	E-335			
01991			F	27363A	E-335			
01992			F	2CEC	E-335			
01993			A	2CEC	E-335			
01994			A	2CEB	E-335			
01995			A	2CEA	E-349-2, 347			
01996			DD	2CEA	E-356-7			
01997	DD	2CLA	E-356-7					
01998	DF	2CLA	E-347					
01999	DF	47705A	E-347					
02000	DF	2CLB	E-347					
02001	G	27701B	E-418					
02002	G	JB2729	E-335, 418					
02003	G	27701A	E-335					
02004	G	2CEV	E-335					
02005	G	27168A	E-335					
02006	A	27168A	E-335					
02008	A	2CEH	E-335					
02009	A	27168A	E-335, 415					
02010	A	2CEH	E-335, 415					
02011	A	2CED	E-349-2, 347					
02012	DD	2CED	E-356-7					
02013	DD	2CKN	E-356-7					
02014	DF	2CKN	E-347					
02015	DF	47703A	E-347					
02016	DF	2CLB	E-347					
02017	EE	67065B	E-414					
02018	DH	67065B	E-416					
02019	DH	JB6720	E-416					
02020	DH	47063C	E-416					
02021	DH	47063B*	E-344, 416					
02022	EE	47063B*	E-344, 347, 358					
02022A	II	47063B*	E-344, 347, 358					
02022B	DF	47063B*	E-344, 347, 358					
02022C	DF	47063A	E-347					
02023	DF		E-347					
02024	FF		E-353					
02041	FF		E-353					
02025	DF		E-347					
02026	G		E-335					
02027								
		BF1124	MV107 CIRCUIT BREAKER (CH. 2)					
		C5709	MV107 CONTROL ROOM PANEL (CH. 2)					
		C5792	MV107 CONTROL ROOM PANEL (CH. 2)					
		CDF-11A-2	MV107 DISCONNECT SWITCH (CH. 2)					
		CDF-11D	MV107 DISCONNECT SWITCH (CH. 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			
02028	AFWS	MS107	EV107	MV107 TERMINAL BOX (CH. 2)	EE		E-414				
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	AFP SG STEAM SUPPLY VALVE (INTLK)	EE		E-414				
02043			MV0107A	AFP SG STEAM SUPPLY VALVE (INTLK)	EE		E-417				
02035			MV107	AFPT 2 MN STM INLET ISO VLV (CH. 2)	EE		E-414				
02042			MVDH11	DH NORMAL SUCTION VALVE (INTLK)	D		E-373				
02045			MVDH12	DH NORMAL SUCTION VALVE (INTLK)	D		E-373				
02036			NCDF-11A	MV107 LOCAL CONTROLLER (CH. 2)	DF		E-347				
02038			P2C5GI	MV107 PENETRATION TERMINAL BOX (CH. 2)	D		E-362				
02039			P2C5GX	MV107 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347				
02100			MS107A		2CBF1188B	MV107A CONTROL CIRCUIT	EE	48039A	E-417		
02101								V	48039A	E-348	
02102								EE	58000A	E-417	
02104								V	48054A	E-348	
02105								V	48043A	E-348	
02106						DD	48043A	E-348			
02107						DD	2CCKL	E-348			
02108						DD	2CPN	E-356			
02109						DD	J85776	E-356			
02110						FF	2CP92D	E-353			
02111						FF	2CP92A	E-353			
02112						DD	2CP92A	E-423			
02113						DD	2CEV	E-356-7			
02114						DD	2CPN	E-356-7			
02115						DD	2CCKL	E-356-1			
02116						DD	48050A	E-356-1			
02117						V	48050A	E-356-1			
02118						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	2CCKL	E-356-1			
02124						DD	48050A	E-356-1			
02125						V	48050A	E-356-1			
02126						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						DF	47353A	E-347			
02138						DF	2CCKL	E-347			
02139						DD	2CCKL	E-356-1			
02140						DD	48050A	E-356-1			
02141				V	48050A	E-356-1					
02142				DD	J85776	E-356					
02143				DD	2CPN	E-356					
02144				FF	UNSCHE	E-353					
02145				EE	48044C	E-417					
02146				EE	48044A	E-417					
02147				V	48044A	E-348					
02148				V		E-348					
02157			BF1188	MV107A CIRCUIT BREAKER (CH. 2)	FF		E-353				
02149			C5709	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353				
02150			C5792	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353				
02151			CDF-11A-2	MV107A DISCONNECT SWITCH (CH. 2)	DF		E-347				
02152			CDF-11B	MV107A DISCONNECT SWITCH (CH. 2)	V		E-348				
02153			EV107A	MV107A TERMINAL BOX (CH. 2)	EE		E-417				
02154			FPSL4931B	MV107A PRESSURE SWITCH (CH. 2)	F		E-335				
02155			JT5722	MV107A TERMINATION BOX (CH. 2)	DD		E-356				
02156			MV107A	AFP SG STM SUPPLY VLV (CH. 2)	EE		E-417				
02200	MS5889A		1CV5889AA	SV5889A CIRTROL CIRCUIT	E	27189A	E-335				
02201						E	J827A1	E-335			
02202						E	FLEX	E-335			
02203						FF	5706A4	E-353			
02204					1CV5889AB	SV5889A CONTROL CIRCUIT	DD	5706A4	E-356-1		
02205							DD	1CPM	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
02206	AFWS	MS5889A	1CV5889AB	SV5889A CONTROL CIRCUIT	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					UU	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					FF	UNSCHE	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					UU	27115A*	E-333, 339	
02220	A	27115	E-335					
02221	A	1CEC	E-335					
02222	E	1CEC	E-335					
02223	E	27189B	E-335					
02224	E	27189A	E-335					
02225	E	J827A1	E-335					
02226	E	FLEX	E-335					
02227	E	Nipple	E-335					
02228	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	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	E	NIPPLE	E-335					
02251	FF		E-353					
02252	FF		E-353					
02253	E		E-335					
02254	E		E-335					
02255	E		E-335					
02300	MS5889B		2CV5889BA 2CV5889BB	SV5889B CONTROL CIRCUIT SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02301					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					DD	2CP92B	E-356-7	
02309					DD	2CEV	E-356-7	
02310					DD	2CPN	E-356	
02310	DD	2CPN	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		
02311	AFWS	MS5889B	2CV5889BC	SV5889B CONTROL CIRCUIT	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					F	27188A	E-335			
02323					F	Nipple	E-335			
02324					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			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					
02340			F	NIPPLE	E-335					
02341			FF		E-353					
02342			FF		E-353					
02343			F		E-335					
02344			F		E-335					
02345			F		E-335					
02350			P14-1	N/A	N/A	TD AUX FW PUMP 1	E	MAN		
02355			P14-2	N/A	N/A	TD AUX FW PUMP 2	F	MAN		
02451			P241	AD210	BCAD210D	MP2410 SWGR D2 CIRCUIT BREAKER MP2410 CONTROL CIRCUIT	Q		E-338	
02400							DD	BCPC	E-356-4	
02401							FF	BGP11C	E-356-8	
02402							DD	BGP11C	E-356-8	
02403							DD	BGPD	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	FF	BGP11C					E-356-8			
02412	DD	BGP11C					E-356-8			
02413	DD	BCPC					E-356-4			
02414	DD	BCPD			E-356-4					
02415	DD	BCGL			E-356-4					
02416	DD	BCGL			E-356-4					
02417	A	BCGL			E-356-4					
02418	A	BCGK			E-349-2, 356-4					
02419	A	BCGK			E-349-2					
02420	P	BCGK			E-338					
02421	Q	BCGK			E-338, 351-2					
02422	Q	36739A			E-338, 351-2					
02423	Q	36739A			E-338, 351-2					
02424	Q	BCGK			E-338, E-351-2					
02425	Q	36126D			E-338, E-351-2					
02426	S	36126D			E-338, 351-2					
02427	II	BCVL			E-313, E-338					
02428	II	BCVB			E-313, E-314					
02429	II	BCVK			E-314, E-349-1					
02430	II	24118A			E-308, E-349-1					
02431	II	24118B			E-308					
02432	II	JB2419			E-308					
02433	II	24118C			E-308					
02434	II	24200A			E-308					
02435	II	JB2418			E-308					
02436	II	24101A			E-308					
02437	II	24101B			E-308					
02438	Q	36125A			E-337					
02439	DUCT	36125A*			E-337, 342					
02440	F	36125B			E-335					
	F	36125C			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		
02441	AFWS	P241	BPAD210H	MP2410 CONTROL CIRCUIT	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	36437A	E-338	
02500				BCBF7114B	MP2421 CONTROL CIRCUIT		Q		E-351	
02501							Q		E-338	
02502							Q		E-338	
02503				Q	E-338					
02504				P	E-338					
02505				II	E-338					
02506				II	E-313, E-314					
02507				II	E-314					
02508	BCBF7114C	MP2421 CONTROL CIRCUIT		II	E-314					
02509			II	E-314						
02510			II	E-308						
02511			II	E-308						
02512			II	E-308						
02513			II	E-314						
02516	BF7114	MP2421 CIRCUIT BREAKER (CH B)	II	34303A	E-308, E-314					
02514	BPBF7114A	MP2421 POWER CIRCUIT	II		E-308					
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					
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	1CP63C	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			Y	46261A	E-346					
17409			Y	46548A	E-346					
17410			Y	1CKA	E-346					
17411			Y	46261A	E-346					
17412			Y	46548A	E-346					
17413			Y	1CKA	E-346					
17414			1CBE1401H	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			1CBE1401I	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	Y	46629A	E-346							
17429	Y	1CKD	E-346							
17430	Y	46548A	E-346							
17431	Y	1CKA	E-346							
17432	1PB1401A	MC0011 POWER CIRCUIT	A	46098A (B)	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
02441	AFWS	P241	BPAD210H	MP2410 CONTROL CIRCUIT	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	36437A	E-338	
02500				BCBF7114B	MP2421 CONTROL CIRCUIT		Q	E-351
02501			BCBF7114C	MP2421 CONTROL CIRCUIT	BCGL	Q	E-338	
02502					BCGD	Q	E-338	
02503					BCGN	Q	E-338	
02504					BCGN	P	E-338	
02505					BCV	II	E-338	
02506					BCVB	II	E-313, E-314	
02507					34137A	II	E-314	
02508					34137A	II	E-314	
02509					BCVB	II	E-314	
02510					34302A	II	E-308	
02511	JB2418				II	E-308		
02512	24101A				II	E-308		
02513	24101B				II	E-308		
02516	BF7114				MP2421 CIRCUIT BREAKER (CH B)	II	E-314	
02514	BPBF7114A				MP2421 POWER CIRCUIT	II	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				
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	1CP63C	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					Y	46261A	E-346	
17409					Y	46548A	E-346	
17410					Y	1CKA	E-346	
17411					Y	46261A	E-346	
17412					Y	46548A	E-346	
17413					Y	1CKA	E-346	
17414					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					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	Y	46629A	E-346					
17429	Y	1CKD	E-346					
17430	Y	46548A	E-346					
17431	Y	1CKA	E-346					
17432	A	46098A (B)	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		
17433	CACS	C1-1	1PBE1401A	MC0011 POWER CIRCUIT	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					1PBE1401B	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			1PBE1401C	MC0011 POWER CIRCUIT	D		39029C (C)	E-365, 369		
17441			D		39029B*	E-365, 362				
17442			D		39029A (C)	E-362				
17443		1PBE1401D	MC0011 POWER CIRCUIT	A	EXPOSED(A)	E-378B-3				
17444				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				Y		E-346				
17449				FF		E-353				
17450				FF		E-353				
17451				Y		E-346				
17452				D		E-369				
17453				D		E-362				
17454				A		E-349-2				
17500		C1-2	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						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					
17513	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	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		2CKM	E-346						
17527	X		46360A	E-346						
17528	X		46715A	E-346						
17529	X		46892A	E-346						
17530	X		2CKL	E-346						
17531	X		46742A	E-346						
17532	X		2CKM	E-346						
17533	DF		46737B	E-343, 346						
17534	DF		JB4625	E-346						
17535	DF		46737A	E-346						
17536	X		46737A	E-346						
17537	DF		46736B	E-343, 346						
17538	DF		JB4625	E-346						
17539	DF		46736A	E-346						
17540	X		46736A	E-346						
17541	D		Flex	E-373						
				D	JB2926	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
17542	CACS	C1-2	2PBF1401C	MC0011 POWER CIRCUIT	D	39023C	E-373	
17543					D	39023B*	E-365	
17544					D	39023A	E-362	
17545					A	EXPOSED	E-378B-3	
17546					D	Flex	E-373	
17547					D	JB2926	E-373	
17548			D	39022C	E-373			
17549			D	39022B*	E-365			
17550			D	39022A	E-362			
17551			A	EXPOSED	E-378B-3			
17552			X		E-346			
17553			FF	BF1401	MC0012 CIRCUIT BREAKER (CH. 2)	E-353		
17554			FF	C5716	MC0012 CONTROL ROOM PANEL (CH. 2)	E-353		
17555			X	C5756C	MC0012 CONTROL ROOM PANEL (CH. 2)	E-346		
17556			D	CDF-12A-1	MC0012 DISCONNECT SWITCH (CH. 2)	E-369, 373		
17557			D	MC0012	CONTAINMENT COOLER FAN 2 MOTOR (CH. 2)	E-362		
17558			DF	P2P5FI	MC0012 PENETRATION TERMINAL BOX (CH. 2)	E-346		
				P2P5FX	MC0012 PENETRATION TERMINAL BOX (CH. 2)			
17600	C1-3	C1-3	1CBE1501C	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17601					Y	46547A	E-346	
17602					Y	1CKA	E-346	
17603			Y	46261A	E-346			
17604			Y	46547A	E-346			
17605			Y	1CKA	E-346			
17606			FF	1CP16A	E-356-8			
17607			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			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	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	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	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	X	46363A	E-346					
17637	X	46743A	E-346					
17638	X	2CKM	E-346					
17639	X	46363A	E-346					
17640	X	46743A	E-346					
17641	X	2CKM	E-346					
17642	FF	2CP16C	E-356-8					
17643	DD	2CP16C	E-356-8					
17644	DD	2CPN	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
17645	CACS	C1-3	2CBF1501F	MC0013 CONTROL CIRCUIT	DD	2CKM	E-356-1, 7	
17646					DF	2CKM	E-347	
17647					X	2CKM	E-346	
17648					X	46360A	E-346	
17649					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			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			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			
17665			X	F1	E-343			
17666			X	46745A	E-346			
17667			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-346			
17671			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			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			D	39020C	E-373, 365			
17682			D	39020B*	E-365			
17683			D	39020A	E-362			
17684			A	Exposed	E-378B-3			
17685			D	39019C	E-373, 365			
17686			D	39019B*	E-365			
17687			D	39019A	E-362			
17688			A	Exposed	E-378B-3			
17689			Y		E-346			
17690			FF	BEF153	E-353			
17691			FF	C5716	E-353			
17692			FF	C5756C	E-353			
17693			FF	C5763C	E-353			
17694			Y	MC0013 DISCONNECT SWITCH (CH. 1)	E-346			
17695			X	MC0013 DISCONNECT SWITCH (CH. 2)	E-346			
17696			D	CONTAINMENT COOLER FAN 3 MOTOR (CH. 1/2)	E-373, 369			
17697			D	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	E-362			
17697			DF	P3P4CI	E-362			
17697			DF	P3P4CX	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	
17698A	CACS	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
17718							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	1CPM	E-356-6
17723							DD	1CP17A	E-356-8
17724							FF	1CP17A	E-356-8
17725					1PBE1173A	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			1PBE1173B	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			C5762D	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				C5755D	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		

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				
17900	CCWS	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					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					X	46739C	E-346					
17913					X	2CKM	E-346					
17914					X	46526A	E-346					
17915					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					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					
17928					DF	46085A	E-346					
17929					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					X		E-346					
17936					FF		E-353					
17942					X		E-346					
17943					D		E-373					
17938					D		E-362					
17937					DF		E-347					
17940					D		E-362					
17939					DF		E-347					
17941					X		E-346					
18000					CC1410	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	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	X	46739C	E-346									
18012	X	2CKM	E-346									
18013	X	46526B	E-346									
18014	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	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	X	46085A	E-346									
18027	DF	46085A	E-346									
18028	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	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		
18035	CCWS	CC1410	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			P2C5GI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373			
18036			P2C5GX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347			
18039			P2P5FI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373			
18038			P2P5FX	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	AB	38076A	E-350, 351-5	
18102					AB	Exposed	AB	Exposed	E-350, 351-5	
18103					D	39096B	D	39096B	E-378B-3	
18104					D	39097A	D	39097A	E-369	
18105					V	1CJP	V	1CJP	E-350	
18106					V	1CJM	V	1CJM	E-350	
18107	U	1CJM			U	1CJM	E-349-3			
18108	DD	1CPL			DD	1CPL	E-356-6			
18109	DD	1CP62C			DD	1CP62C	E-356-10			
18110	FF	1CP62C			DD	1CP62C	E-356-10			
18111	V	1CJM			V	1CJM	E-350			
18112	V	38379A			V	38379A	E-350			
18113	V	38563A			V	38563A	E-350			
18114	V	38562A			V	38562A	E-350			
18115	V	1CJL	V	1CJL	E-350					
18116	U	1CJL	U	1CJL	E-349-3					
18117	DD	1CPL	DD	1CPL	E-356-6					
18118	DD	1CPT	DD	1CPT	E-356-6					
18119	DD	1CPM	DD	1CPM	E-356-6					
18120	DD	1CP17A	DD	1CP17A	E-356-8					
18121	FF	1CP17A	DD	1CP17A	E-356-8					
18122	V	1CJL	V	1CJL	E-350					
18123	V	38378A	V	38378A	E-350					
18124	V	37604A	V	37604A	E-350					
18125	A	37604A	A	37604A	E-349-2					
18126	EE	57070B	EE	57070B	E-414					
18127	EE	57070C	EE	57070C	E-414					
18128	EE	57070E	EE	57070E	E-414					
18129	DD	57070E	DD	57070E	E-356-6					
18130	DD	1CPL	DD	1CPL	E-356-6					
18131	DD	1CJL	DD	1CJL	E-356-6					
18132	DD	1CJL	DD	1CJL	E-347					
18133	CC	1CJL	CC	1CJL	E-349-3					
18134	U	1CJL	U	1CJL	E-349-3					
18135	V	1CJL	V	1CJL	E-349-3					
18136	V	37604A	V	37604A	E-349-3					
18137	A	37604A	A	37604A	E-349-2					
18138	EE	57070D	EE	57070D	E-414					
18139	V	37604A	V	37604A	E-349-3					
18140	V	1CJL	V	1CJL	E-349-3					
18141	EE	57070E	EE	57070E	E-414					
18142	DD	1CJL	DD	1CJL	E-356-6					
18143	CC	1CJL	CC	1CJL	E-347					
18144	U	1CJL	U	1CJL	E-349-3					
18145	DD	1CPL	DD	1CPL	E-356-6					
18146	DD	57070E	DD	57070E	E-356-6					
18147	A	37604A	A	37604A	E-349-2					
18148	V	38002A	V	38002A	E-340					
18149	V	38002A*	V	38002A*	E-340					
18149A	G	38002A*	G	38002A*	E-340					
18149B	AB	38002A*	AB	38002A*	E-340					
18149C	AB	38002A*	AB	38002A*	E-340					
18150	AB	38002A	AB	38002A	E-340, 350					
18151	AB	Exposed	AB	Exposed	E-378B-3					
18152	D	39099A	D	39099A	E-369					
18153	D	1PBM	D	1PBM	E-369					
18154	V		V		E-350					
18155	FF		FF		E-353					
18156	FF		FF		E-353					
18157	V		V		E-350					
18158	EE		EE		E-414					
18159	EE		EE		E-414					
18160	D		D		E-369					
18161	D		D		E-363					
18162	AB		AB		E-350					
18163	D		D		E-363					
18164	AB		AB		E-350					
18165	A		A		E-349-2					
18200		CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	V	JB3800	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								
18201	CCWS	CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	V	48315A	E-350									
18202					A	48315A	E-349-2									
18203					A	37517A	E-349-2									
18204					A	Nipple	E-349-2									
18205					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					V	48049A	E-348									
18212					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	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					
18223									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	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	2CLR3758B	MV1411B CONTROL CIRCUIT
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	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									V		E-348					
18253									FF		E-353					
18254					FF		E-353									
18255					V		E-348									
18256					A		E-349-2									
18257					FLSLL3758B	MV1411B LEVEL SWITCH	FLSLL3758B	MV1411B LEVEL SWITCH	EE		E-414					
18258					FLSLL3758C	MV1411B LEVEL SWITCH	FLSLL3758C	MV1411B LEVEL SWITCH	EE		E-414					
18259					MV1411B	CC INLET ISOLATION VALVE (CH. 2)	MV1411B	CC INLET ISOLATION VALVE (CH. 2)	A		E-349-2					
18260					NV1411B	MV1411B LOCAL CONTROLLER (CH. 2)	NV1411B	MV1411B LOCAL CONTROLLER (CH. 2)	A		E-349-2					
18261					RC3705	MV1411B RELAY CABINET (CH. 2)	RC3705	MV1411B RELAY CABINET (CH. 2)	A		E-349-2					
18300					CC1460	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									T	37451A	E-349-1					
18309									T	37451A	E-349-1					
18310	T	Nipple	E-349-1													
18311	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													

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		
18316	CCWS	CC1460	2CV1460D	SV1460 CONTROL CIRCUIT	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					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			FF		E-353					
18336			FF		E-353					
18337			T		E-349-1					
18338			T		E-349-1					
18339			T		E-349-1					
18400			CC1467	CC1467	1CV1467A	SV1467 CONTROL CIRCUIT	AB	17608B	E-332	
18401							AB	JB1748	E-332	
18402							AB	Nipple	E-332	
18403							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							AB	17608B	E-332	
18413	AB	JB1748					E-332			
18414	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	FF				E-353					
18424	FF				E-353					
18425	AB				E-332					
18426	AB				E-332					
18427	AB				E-332					
18500	CC1469	CC1469			2CV1469A	SV1469 CONTROL CIRCUIT	AB	17607C	E-332	
18501							AB	JB1747	E-332	
18502							AB	Nipple	E-332	
18503							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							AB	17607C	E-332	
18513							AB	JB1747	E-332	
18514							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			FF		E-353					
18524			FF		E-353					
					C5716	SV1469 CONTROL ROOM PANEL (CH. 2)				
					C5755C	SV1469 CONTROL ROOM PANEL (CH. 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
18525 18526 18527	CCWS	CC1469	EV1469	SV1469 TERMINAL BOX (CH. 2)	AB		E-332	
			NV1469	SV1469 LOCAL CONTROLLER (CH. 2)	AB		E-332	
			SV1469	DHR COOLER 1-2 OUT ISO VLV (CH. 2)	AB		E-332	
18600		CC1471	1CV1471A	SV1471 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
18601					DD	1CP15A	E-356-8	
18602					DD	1CPL	E-356-1, 356-6	
18603					DD	27112C	E-356-1, 356-6	
18604					DD	27112B*	E-339, 344, 356	
18604A					II	27112B*	E-339, 344, 356	
18604B					UU	27112B*	E-339, 344, 356	
18605					II	27112B*	E-333, 339	
18605A					UU	27112B*	E-333, 339	
18605B					UU	27112B*	E-333, 339	
18606					A	27112B*	E-333, 339	
18607					A	27112	E-335	
18608					A	1CEA	E-335	
18609					E	1CEA	E-335	
18610					DUCT	36083B*	E-337, 342	
18611					S	36083B	E-338	
18612					S	JB3607	E-338, 418	
18613					S	36083A	E-338, 418	
18614					S	36075A	E-338	
18615					S	1CGC	E-338	
18616					DUCT	36075B*	E-337, 341	
18617					K	36075C	E-338	
18618					K	36966A	E-338	
18619					K	1CGP	E-338	
18620					K	36830A	E-338	
18621					K	36966B	E-338	
18622					K	1CGP	E-338	
18623					K	36830A	E-338	
18624					K	36966B	E-338	
18625					K	1CGP	E-338	
18626					K	36960A	E-338	
18627					K	36966B	E-338	
18628					K	1CGP	E-338	
18629	K	36227A	E-338					
18630	K	1CGP	E-338					
18631	K	JB3627	E-338					
18632	K	36966A	E-338					
18633	K		E-338					
18634	K		E-338					
18635	FF		E-353					
18636	K		E-338					
			E-338					
18700	CC1474	2CV1474A	SV1474 CONTROL CIRCUIT	FF	2CP15C	E-356-8		
18701				DD	2CP15C	E-356-8		
18702				DD	2CPN	E-356-7		
18703				DD	2CPP	E-356-7		
18704				DD	2CEA	E-356-7		
18705				A	2CEA	E-335, 349-2		
18706				A	2CEB	E-335		
18707				A	2CEC	E-335		
18708				F	2CEC	E-335		
18710				Q	36192B	E-338		
18711				Q	JB3620	E-338, 418		
18712				Q	36192A	E-338, 418		
18713				Q	36175A	E-338		
18714				Q	2CGE	E-338		
18715				Q	36175B	E-338		
18716				J	36175B	E-338		
18717				J	36175C	E-338		
18718				J	36921B	E-338		
18719				J	2CGS	E-338		
18709				DUCT	36192B*	E-337, 342		
18720				J	36820A	E-338		
18721				J	36921B	E-338		
18722				J	2CGS	E-338		
18723				J	36820A	E-338		
18724				J	36921B	E-338		
18725				J	36915A	E-338		
18726				J	36921A	E-338		
18727				J	2CGS	E-338		
18728				J	JB3626	E-338		
18729				J	36226A	E-338		
18730				J	36921A	E-338		
18731				J	2CGS	E-338		
18732				J		E-338		
		C3616	SV1474 ELECT CTRL & RLY BD (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				
18733	CCWS	CC1474	C3622	SV1474 ENGINE CTRL PANEL (CH. 2)	J		E-338					
18734			C5715	SV1474 CONTROL ROOM PANEL (CH. 2)	FF		E-353					
18735			PDSH3982	SV1474 PRESS DIFF SWITCH (CH. 2)	J		E-338					
18736			SV1474	DG JKT CLG WTR HX 2 OUT VLV (CH. 2)	J		E-338					
18800	CCWS	CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	EE	57070E	E-414					
18801					FF	1CP17B	E-353					
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					U	37454A	E-349-3					
18810					U	Nipple	E-349-3					
18811					FF	1CP17A	E-356-8					
18812					DD	1CP17A	E-356-8					
18813					DD	1CPL	E-356-6					
18814					DD	1CJM	E-356-6					
18815					CC	1CJM	E-347					
18816					U	1CJM	E-349-3					
18817					U	37455A	E-349-3					
18818					U	37454A	E-349-3					
18819					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					FF		E-353					
18827					FF		E-353					
18828					U		E-349-3					
18829					U		E-349-3					
18830					U		E-349-3					
18900					CCWS	CC2645	1CBE1161B	MV2645 CONTROL CIRCUIT	G	27510B	E-335	
18901									G	27510A	E-335	
18902									G	27261A	E-335	
18903									G	Nipple	E-335	
18904									G	27710A	E-335	
18905									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									S	36525A	E-338	
18914									S	1CGZ	E-338	
18915									S	36083A	E-338	
18916	S	1CGC	E-338									
18917	S	J83607	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	S	36515A	E-338									
18926	S	36525A	E-338									
18927	S	1CGZ	E-338									
18928	S	36209A	E-338									
18929	S	1CGZ	E-338									
18930	S	36086A	E-338, 418									
18931	S	1CGC	E-338, 418									
18932	S	J83607	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	A	37604A	E-349-2									
18941	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				
18942	CCWS	CC2645	1CBE1161J	MV2645 CONTROL CIRCUIT	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					S	36525B	E-338					
18949					S	36209A	E-338					
18950					S	1CGZ	E-338					
18951					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					
18957D					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					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					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					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					G	27511A	E-335					
18995					S		E-338					
18996					S		E-338					
18997					G		E-335					
18998					FF		E-353					
18999					G		E-335					
19000					G		E-335					
19001					T		E-349-1					
19002					T		E-349-1					
19003					EE		E-414					
19004					EE		E-414					
19005					G		E-335					
19006					G		E-335					
19007					S		E-338					
19008					A		E-349-2					
19100						CC2649	2CBF1161B	MV2649 CONTROL CIRCUIT	G	27410A	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
19101	CCWS	CC2649	2CBF1161C 2CBF1161D 2CBF1161E	MV2649 CONTROL CIRCUIT	G	27260A	E-335	
19102				Nipple	E-335			
19103				27702B	E-335			
19104			J82729	E-335				
19105			27702A	E-335				
19106			27418A	E-335				
19107			2CEV	E-335				
19108			5721A1	E-356-9				
19109			5721A1	E-356-7, 356-1				
19110			2CPN	E-356-7, 356-1				
19111			2CEV	E-356-7				
19112			2CEV	E-347				
19113			2CEV	E-349-3				
19114			2CEV	E-335				
19115			27700A	E-335				
19116			27700B	E-335				
19117			36192B*	E-337				
19118			2CEC	E-335				
19119			2CEB	E-335				
19120			2CEA	E-335, 349-2				
19121			36725A	E-338				
19122			36192A	E-338				
19123			2CGE	E-338				
19124			J83620	E-338				
19125			36192B	E-338				
19126			2CEA	E-356-1				
19127			2CPP	E-356-1				
19128			2CPN	E-356-1				
19129			2CEV	E-356-1				
19130			2CEV	E-347				
19131			2CEV	E-349-3				
19132			2CEV	E-335				
19133			27418A	E-335				
19134			36715A	E-338				
19135			36725A	E-338				
19136			2CGE	E-338				
19137			36210A	E-338				
19138			36187A	E-338, 418				
19139			2CGE	E-338, 418				
19140			J83620	E-338, 418				
19141			36187B	E-338				
19142			36187B*	E-337, 342				
19143			2CEF	E-335				
19144			2CEF	E-335				
19145			2CEG	E-335				
19146			2CEH	E-335				
19147			27168A	E-335				
19148			27168A	E-335				
19149			27420A	E-335				
19150			2CEV	E-335				
19151			BF11D	E-335				
19152			27410A	E-335				
19153			37755A	E-349-2				
19154			37755A	E-349-2				
19155			2CEG	E-349-2				
19156			2CEH	E-335				
19157			27168A	E-335				
19158			27168A	E-335				
19159			27420A	E-335				
19160			2CEV	E-335				
19161			27410A	E-335				
19162			36725B	E-338				
19163			36210A	E-338				
19164			2CGE	E-338				
19165			37498A	E-349-1				
19166			37498C	E-349-1				
19167			J83722	E-349-1				
19168			37591A	E-349-1				
19169			JT3718	E-349-1				
19170			36110C	E-349-1				
19171			36110B*	E-337, 339				
19171A			36110B*	E-337, 339				
19171C			36110B*	E-337, 339				
19171D			36110B*	E-337, 339				
19171E			36110B*	E-337, 339				
19172			36110B*	E-337, 339				
19173			36110A	E-338				
19174			36725A	E-338				
				2CGE	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
19175	CCWS	CC2649	2CCCW002C	MV2649 CONTROL CIRCUIT	T	37498B	E-349-1	
19176					T	37498C	E-349-1	
19177					T	J83722	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	
19181A					G	36110B*	E-337, 339	
19181B					A	36110B*	E-337, 339	
19181C					II	36110B*	E-337, 339	
19181D					F	36110B*	E-337, 339	
19181E					DUCT	36110B*	E-337, 339	
19182					Q	36110A	E-338	
19183					Q	36725A	E-338	
19184					Q	2CGE	E-338	
19185					A	37755A	E-349-2	
19186					A	37755A	E-349-2	
19187					A	2CEG	E-349-2	
19188					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					
19194	EE	57071E	E-414					
19195	EE	57071C	E-414					
19196	EE	57071B	E-414					
19197	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	G	27409A	E-335					
19209	Q		E-338					
19210	Q		E-338					
19211	G		E-335					
19212	FF		E-353					
19213	G		E-335					
19214	G		E-335					
19215	T		E-349-1					
19216	T		E-349-1					
19217	EE		E-414					
19218	EE		E-414					
19219	G		E-335					
19220	G		E-335					
19221	Q		E-338					
19222	A		E-349-2					
19222A	CC42	N/A	N/A	NONESSENTIAL CCW ISOLATION VALVE	U	N/A		
19222B	CC43	N/A	N/A	NONESSENTIAL CCW BYPASS VALVE	U	N/A		
19700	CC5095	1CBE1226B	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	J83607	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				T	37600D	E-349-1		
19716				T	37600B	E-349-1		
19717	T	Nipple	E-349-1					
19718	Y	46263A	E-346					
19719	Y	46538A	E-346					
19720	Y	1CKA	E-346					
		1CBE1226C	MV5095 CONTROL CIRCUIT					
		1CBE1226D	MV5095 CONTROL CIRCUIT					
		1CBE1226E	MV5095 CONTROL CIRCUIT					

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
19784D	CCWS	CC5095	1CCCW001C	MV5095 CONTROL CIRCUIT	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					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			A	37604A	E-349-2			
19801			V	37604A	E-349-3			
19802			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			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			S		E-338			
19819			S		E-338			
19820			Y		E-346			
19821			FF		E-353			
19822			Y		E-346			
19823			T		E-349-1			
19824			T		E-349-1			
19825			T		E-349-1			
19826			EE		E-414			
19827			EE		E-414			
19828			T		E-349-1			
19829			T		E-349-1			
19830	S		E-338					
19831	A		E-349-2					
19900	CC5096	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	2CKN	E-347	
19912					DF	47801A	E-347	
19913					T	37601D	E-349-1	
19914			T	37601B	E-349-1			
19915			T	Nipple	E-349-1			
19916			DF	47703A	E-347			
19917			DF	2CLB	E-347			
19918			DF	2CLA	E-347			
19919			DF	47323A	E-347			
19920			FF	5721A1	E-356-9			
19921			DD	5721A1	E-356-1			
19922			DD	2CPN	E-356-1			
19923			DD	2CPP	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			Q	36725A	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
19929	CCWS	CC5096	2CBF1106G	MV5096 CONTROL CIRCUIT	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					Q	36715C	E-338	
19938					Q	36725A	E-338	
19939			Q	2CGE	E-338			
19940			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			
19948			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			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			Q	36725B	E-338			
19967			Q	36210A	E-338			
19968			Q	2CGE	E-338			
19969			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			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			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			
19941			Q	36192A	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
19998	CCWS	CC5096	2CLR3758A	MV5096 CONTROL CIRCUIT	EE	57071E	E-414	
19999					EE	57071C	E-414	
20000					EE	57071B	E-414	
20001					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					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			
20017			Q		E-338			
20018			Q		E-338			
20019			DF		E-347			
20020			FF		E-353			
20021			DF		E-347			
20022			T		E-349-1			
20023			T		E-349-1			
20024			T		E-349-1			
20025			EE		E-414			
20026			EE		E-414			
20027			T		E-349-1			
20028	T		E-349-1					
20029	Q		E-338					
20030	A		E-349-2					
20100	CC5097	CC5097	1CBE1227B	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			T	37600B	E-349-1			
20117			T	37600C	E-349-1			
20118			T	Nipple	E-349-1			
20119			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			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	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	S	1CGZ	E-338					
20138	S	36525A	E-338					
20139	S	36515C	E-338					
20140	T	37600A	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
20141	CCWS	CC5097	1CBE1227I	MV5097 CONTROL CIRCUIT	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					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	
20159A					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	S	36209A	E-338					
20166	S	1CGZ	E-338					
20167	S	36525B	E-338					
20168	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	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	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	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					

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		
20207	CCWS	CC5097	1CLR3757B	MV5097 CONTROL CIRCUIT	U	1CJL	E-349-3			
20208					V	37604A	E-349-3			
20209			A	37604A	E-349-2					
20210			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			S		E-338					
20219			S		E-338					
20220			Y		E-346					
20221			FF		E-353					
20222			Y		E-346					
20223			T		E-349-1					
20224			T		E-349-1					
20225			T		E-349-1					
20226			T		E-349-1					
20227			EE		E-414					
20228			EE		E-414					
20229			T		E-349-1					
20230			T		E-349-1					
20231			S		E-338					
					A		E-349-2			
20300			CC5098	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							T	37601B	E-349-1	
20312	T	37601C			E-349-1					
20313	T	Nipple			E-349-1					
20314	DF	47320A			E-347					
20315	DF	2CLA			E-347					
20316	DF	47705A			E-347					
20317	DF	2CLB			E-347					
20318	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	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	Q	36725A			E-338					
20336	Q	2CGE			E-338					
20337	Q	36715C			E-338					
20338	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							

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		
20353	CCWS	CC5098	2CBF1119I 2CBF1119J	MV5098 CONTROL CIRCUIT	Q	36210A	E-338			
20354					MV5098 CONTROL CIRCUIT	T	37495E	E-349-1		
20355						T	J83722	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	37450B	E-349-2		
20361						A	2CEA	E-349-2		
20362						A	2CEG	E-349-2		
20363						A	37518A	E-349-2		
20364						A	37755A	E-349-2		
20365					2CCCW002A	MV5098 CONTROL CIRCUIT	A	37755A	E-349-2	
20366							Q	36210A	E-338	
20367							Q	2CGE	E-338	
20368					2CCCW002B	MV5098 CONTROL CIRCUIT	Q	36725B	E-338	
20369							Q	36725A	E-338	
20370							Q	2CGE	E-338	
20371							DUCT	36110A	E-338	
20371A							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	J13718	E-349-1	
20374							T	37591A	E-349-1	
20375							T	J83722	E-349-1	
20376							T	37498C	E-349-1	
20377							T	37498A	E-349-1	
20378					2CCCW002C	MV5098 CONTROL CIRCUIT	T	J13718	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	J83722	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			C5720	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			

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		
20422	CCWS	CC5098	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			MV5098	MV5098 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	
27307							DD	2CLA	E-356-7	
27308							DD	2CPR	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	37074A	E-349-1	
27351							T	JB3722	E-349-1	
27352							T	37087A	E-349-1	
27353							U	37087A	E-349-3	
27354							A	37087A	E-349-2	
27355							A	37087A	E-349-2	
27298					2CD2P23E	CONTROL POWER TO FIS1422D	A	JB3735	E-349-2	
27299					T	JB3722	E-349-1			
27300					T	37074A	E-349-1			
27361A			FIS1422D	P43-2 FLOW INDICATING SWITCH	T	37074B	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	2CPR	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			

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
27317B 27317C 27318	CCWS	FIS1427D	2CD2P23E	CONTROL POWER TO FIS1422D	T T T	37074A 37074B	E-349-1 E-349-1 E-349-1	A
26826 26826A 26826B 26826C 26826D 26826E 26826F 26826G 26826H 26826I 26826J 26826K 26826L 26826M 26826N 26826O 26826P 26826Q		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	T T T G A A E DUCT S S S S Y Y Y T T	37073A JB3715 37481A 37481A 37481A 1CEA 1CEA 36090B* 36090B JB3607 36090A 1CGC 36356B 36356B 46615A 1CKA 37073E 37073D	E-349-1 E-349-1 E-349-1 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338 E-338 E-346 E-346 E-346 E-349-1 E-349-1 E-349-1	A
20500 20501 20502 20503 20504 20504A 20504B 20504C 20504D 20505 20506 20507 20508 20509 20510 20511 20512 20513 20514 20515 20516 20517 20518 20519 20520 20521 20521A 20521B 20521C 20521D 20522 20523 20524 20525 20526 20527 20528 20529 20530 20531 20532 20533 20545 20546 20547 20548 20549 20549A 20549B 20549C 20549D 20549E 20549F 20550 20551		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	FF DD DD DD DD II CC II UU A A A A E DUCT S S S S S S FF DD DD DD II CC II UU A A A A E DUCT S S S S S S FF DD DD DD A DD II CC II UU A A A E	1CP16A 1CP16A 1CPL 27111C 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A 27111 1CEA 1CEA 36080B* 36080B JB3607 36080A 1CGC 36525A 1CGZ 1CP16A 1CP16A 1CPL 27111C 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A 27111 1CEA 1CEA 36080B* 36080B JB3607 36080A 1CGC 36525A 1CGZ 1CP63C 1CP63C 1CPL 27111C 27111 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A* 1CEA 1CEA	E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333, 339 E-333 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338, 418 E-338 E-338 E-356-8 E-356-8 E-356-1, 356-6 E-356-1, 356-6 E-343, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338, 418 E-338 E-338 E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-335 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333, 339 E-335 E-335	A
			1CD1P23C	CONTROL POWER TO FIS1432C	T T	37073E 37073D	E-349-1 E-349-1	A
			FIS1432C	P43-1 FLOW INDICATING SWITCH				
			1CAC113C	MP0431 CONTROL CIRCUIT	FF DD DD DD DD II CC II UU A A A A E DUCT S S S S S S FF DD DD DD A DD II CC II UU A A A E	1CP16A 1CP16A 1CPL 27111C 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A 27111 1CEA 1CEA 36080B* 36080B JB3607 36080A 1CGC 36525A 1CGZ 1CP16A 1CP16A 1CPL 27111C 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A 27111 1CEA 1CEA 36080B* 36080B JB3607 36080A 1CGC 36525A 1CGZ 1CP63C 1CP63C 1CPL 27111C 27111 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A* 1CEA 1CEA	E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338, 418 E-338 E-338 E-356-8 E-356-8 E-356-1, 356-6 E-356-1, 356-6 E-343, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338, 418 E-338 E-338 E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-335 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333, 339 E-335 E-335	A
			1CAC113E	MP0431 CONTROL CIRCUIT	FF DD DD DD DD II CC II UU A A A A E DUCT S S S S S S FF DD DD DD A DD II CC II UU A A A E	1CP16A 1CP16A 1CPL 27111C 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A 27111 1CEA 1CEA 36080B* 36080B JB3607 36080A 1CGC 36525A 1CGZ 1CP63C 1CP63C 1CPL 27111C 27111 27111B* 27111B* 27111B* 27111A* 27111A* 27111A* 27111A* 1CEA 1CEA	E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333 E-335 E-335 E-335 E-337, 342 E-338 E-338, 418 E-338, 418 E-338, 418 E-338 E-338 E-356-8 E-356-8 E-356-6, 356-1 E-356-6, 356-1 E-335 E-339, 344, 355 E-339, 344, 355 E-339, 344, 355 E-333, 339 E-333, 339 E-333, 339 E-335 E-335	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		
20552	CCWS	P43-1	1CAC113E	MP0431 CONTROL CIRCUIT	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					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			
20593					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	S	36525B	E-338							
20600	1CCCW001A	MP0431 CONTROL CIRCUIT	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	E	36010B*	E-337, 339							
20608E	II	36010B*	E-337, 339							
20609	DUCT	36010B*	E-337, 339							
20610	S	36010A	E-338							
20611	S	1CGC	E-338							
20612	S	36525A	E-338							
20613	1CCCW001C	MP0431 CONTROL CIRCUIT	S	1CGZ	E-338					
20614	T	37499B	E-349-1							
20615	T	37499C	E-349-1							
20616	T	JB3721	E-349-1							
20617	T	37590A	E-349-1							
20618	T	JB3715	E-349-1							
20619	T	36010C	E-349-1							
20619A	T	36010B*	E-337, 339							
20619B	G	36010B*	E-337, 339							
20619C	A	36010B*	E-337, 339							
20619D	E	36010B*	E-337, 339							
20619E	E	36010B*	E-337, 339							
20620	II	36010B*	E-337, 339							
20621	DUCT	36010B*	E-337, 339							
20622	S	36010A	E-338							
20623	S	1CGC	E-338							
20624	S	36525A	E-338							
20625	S	1CGZ	E-338							
20625A	S	36011A	E-337							
20625B	T	36011A*	E-337, 339							
20625C	G	36011B*	E-337, 339							
20625D	A	36011B*	E-337, 339							
20625E	E	36011B*	E-337, 339							
20626	II	36011B*	E-337, 339							
20627	DUCT	36011B*	E-337, 339							
20628	T	36011A	E-339							
20629	S	AC101	E-338							
20630	S	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	E-338							
20631	S	AC108	E-338							
20632	S	AC113	E-338							
20633	K	MP0431 CIRCUIT BREAKER (CH. 1)	E-338							
20634	FF	C3615	E-353							
20635	FF	MP0431 ELECT CTRL & RLY BD (CH. 1)	E-353							
20637	T	C5716	E-349-1							
20639	T	MP0431 CONTROL ROOM PANEL (CH. 1)	E-349-1							
20700	P43-2	P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8			

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20701	CCWS	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	
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			FF	2CP16C	E-356-8			
20716			DD	2CP16C	E-356-8			
20717			DD	2CPN	E-356-7			
20718			DD	2CPP	E-356-7			
20719			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	FF	2CP56C	E-424					
20737	DD	2CP56C	E-424					
20738	DD	2CPN	E-356-7					
20739	DD	2CPP	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	Q	36715A	E-338					
20752	Q	36725A	E-338					
20753	Q	2CGE	E-338					
20775	Q	36210A	E-338					
20776	Q	36725A	E-338					
20777	Q	2CGE	E-338					
20778	Q	36701A	E-338					
20779	Q	36725A	E-338					
20780	Q	2CGE	E-338					
20781	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	Q	36725B	E-338					
20789	Q	36210A	E-338					
20790	Q	2CGE	E-338					
20791	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	T	37498B	E-349-1					
		2CCCW002C	MP0432 CONTROL CIRCUIT					

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
20802	CCWS	P43-2	2CCCW002C	MP0432 CONTROL CIRCUIT	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					Q	36111A	E-338	
20812					DUCT	36111A*	E-339, 337	
20812A					F	36110B*	E-337, 339	
20812B					II	36110B*	E-337, 339	
20812C					A	36110B*	E-337, 339	
20812D					G	36110B*	E-337, 339	
20812E					T	36110B*	E-337, 339	
20813					T	36111A	E-339	
20814					Q		E-338	
20815					Q		E-338	
20816					Q		E-338	
20817					J		E-338	
20818					FF		E-353	
20819	FF		E-353					
20820	T		E-349-1					
20821	T		E-349-1					
20824	T		E-349-1					
20825	T		E-349-1					
20827	Q		E-338					
20900	P43-3	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					E	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					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	
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	R	36310A	E-338	D				
20935	S	36310A	E-338	D				
20936	S	1CGC	E-338	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	
20937	CCWS	P43-3	1CAC108D	MP0433 CONTROL CIRCUIT	S	36515A	E-338	D D	
20938			1CAC108H	MP0433 CONTROL CIRCUIT	S	1CGZ	E-338		
20987					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		
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		
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			

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
21058	CCWS	P43-3	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			
21071A			S	1CGC	E-338			
21072			S	36515B	E-338			
21073			S	1CGZ	E-338			
21074			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			R	36310A	E-338			
20935A			S	36310A	E-338			
20936A			S	1CGC	E-338			
20937A			S	36515A	E-338			
20938A			S	1CGZ	E-338			
21079			R	36307A	E-338			
21080			S	36307A	E-338			
21246A			R	46198C	E-338			
21246B			R	46198A	E-338			
21246C			S	46198A	E-338			
21246D			Y	46198A	E-346			
21081			R	36411A	E-338			
21082			Q	36411A	E-338			
21083			Q	2CGE	E-338			
21084			Q	36715A	E-338			
21096			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	Q	36715D	E-338					
21113	Q	2CGE	E-338					
21113A	Q	36411A	E-338					
21113B	R	36411A	E-338					
21144A	R	36411A	E-338					
21145A	Q	36411A	E-338					
21146A	Q	36411A	E-338					
21147A	Q	2CGE	E-338					
21114	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					

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21129	CCWS	P43-3	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					R	36411A	E-338	14 D
21145					Q	36411A	E-338	14 D
21146					Q	36715A	E-338	14 D
21147					Q	2CGE	E-338	14 D
21182					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					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					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					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					I	36204B*	E-337, 339	
21228D					I	36204B*	E-337, 339	
21228E					F	36204B*	E-337, 339	
21228F					DUCT	36204B*	E-337, 339	
21229					R	36204A (A)	E-337, 338	
21230					Q	JB3620	E-338	
21231					Q	36204A	E-338	
21232					Q	36715D	E-338	
21233					Q	2CGE	E-338	
21234					Q	36725A	E-338	
21235					Q	36715C	E-338	
21236					Q	2CGE	E-338	
					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		
21237	CCWS	P43-3	2CAD108M	MP0433 CONTROL CIRCUIT	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	
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	
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	MP0433 ELECT CTRL & RLY BD (CH. 1)	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	EE	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			

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			
21336	CFS	CF01A	2CVCF01AC 2CVCF01AD	MVCF01A CONTROL CIRCUIT	DF	2CLA	E-347				
21337				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 2PBF1120B	MVCF01A POWER CIRCUIT	DF	47310A	E-347		
21344						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					CDF-11A-1	MVCF01A DISCONNECT SWITCH (CH. 2)	DF		E-347		
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		
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	1CBE1162C	MVCF01B CONTROL CIRCUIT	AB	38076C	E-350		
21401								AB	1CJP	E-350	
21402							V	1CJP	E-350		
21403						1CBE1162D	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						1CBE1162E	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21410								V	38381A	E-350	
21411							V	1CJM	E-350		
21412						1CBE1162F	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			1CBE1162G		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			1PBE1162A	CF01B POWER CIRCUIT	V	38010A	E-350				
21451					AB	JB3806	E-350				
21452					AB	1PJA	E-350				
21453				AB	38010A*	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
21453A	CFS	CF01B	1PBE1162A	CF01B POWER CIRCUIT	DG	38010A*	E-340	
21453B					G	38010A*	E-340	
21453C			V	38010A*	E-340			
21454			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			V		E-350			
21461			FF	BE1162	MVCF01B CIRCUIT BREAKER (CH. 1)			
21462			FF	C5716	MVCF01B CONTROL ROOM PANEL (CH. 1)			
21463			FF	C5763D	MVCF01B CONTROL ROOM PANEL (CH. 1)			
21464			V	CDE-11B-1	MVCF01B DISCONNECT SWITCH (CH. 1)			
21465			D	MVCF01B	CORE FLOOD TK 1 INJ ISO VLV (CH. 1)			
21466			D	P1C2LI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)			
21467			AB	P1C2LX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)			
21468			D	P1P2MI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)			
21469	AB	P1P2MX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)					
	FF	PSH7530A	MVCF01B PRESSURE SWITCH (CH. 1)					
21500	CREVS	C21-1	1CBE1209B	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					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		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		Y		E-346				
21520		FF	BE1209	MC0211 CIRCUIT BREAKER (CH. 1)				
21521		FF	C5720	MC0211 CONTROL ROOM PANEL (CH. 1)				
21522		HH	MC0211	CTRM EMER VENT SYS FAN 1-1 (CH. 1)				
		HH	NC0211	MC0211 LOCAL CONTROLLER (CH. 1)				
21600	C21-2	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					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		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		DF		E-347				
21622		FF	BF1149	MC0212 CIRCUIT BREAKER (CH. 2)				
		FF	C5720	MC0212 CONTROL ROOM PANEL (CH. 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
21623	CREVS	C21-2	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					
21703	DH	46106B*	E-357, 358					
21703A	EE	46106B*	E-357, 358					
21704	II	46106A	E-413					
21705	Y	46106A	E-346					
21706	Y	1CKD	E-346					
21707	Y	46540A	E-346					
21708	Y	1CKA	E-346					
21709	HH	1CBE1216C	MS3311 CONTROL CIRCUIT	HH	67132A	E-416		
21710	HH			EV2927	E-416			
21711	HH	1CBE1216E	MS33-1 CONTROL CIRCUIT	HH	67131A	E-416		
21775A	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	HH	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	HH	1CCEAC1D	MS3311 CONTROL CIRCUIT	HH	67194A	E-416		
21735	HH			67190B	E-416			
21736	HH	1CCEAC1E	MS3311 CONTROL CIRCUIT	HH	JB6724	E-416		
21737	HH			67190A	E-416			
21738	HH	1CCEAC1F	MS3311 CONTROL CIRCUIT	HH	67190D	E-416		
21739	HH			JB6724	E-416			
21740	HH	1CCEAC1G	MS3311 CONTROL CIRCUIT	HH	67190A	E-416		
21741	HH			67190C	E-416			
21742	HH	1CCEAC1H	MS3311 CONTROL CIRCUIT	HH	JB6724	E-416		
21743	HH			67190A	E-416			
21744	HH	67191A	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		
21745	CREVS	S33-1	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		
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					PC5898	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					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	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					2CBF1131E	MS33-2 CONTROL CIRCUIT	HH	67126A	E-416	
21865A						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			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				

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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			
21945	CSS	CS1530	1PBE1156A	MV1530 POWER CIRCUIT	V	JB3805	E-350				
21946				V	1CJQ	E-350					
21947				V		E-350					
21948				FF	BE1156 MV1530 CIRCUIT BREAKER (CH. 1)	E-353					
21949				FF	C5716 MV1530 CONTROL ROOM PANEL (CH. 1)	E-353					
21950				V	C5763C MV1530 CONTROL ROOM PANEL (CH. 1)	E-350					
21951				V	CDE-11C MV1530 DISCONNECT SWITCH (CH. 1)	E-350					
21952				AB	EV1530 MV1530 TERMINAL BOX (CH. 1)	E-350					
21953				AB	EVDH09B MV1530 TERMINAL BOX (CH. 1)	E-335					
21954				AB	MV1530 CTMT SPRAY DISCH ISO VLV (CH. 1)	E-350					
				AB	NV1530 MV1530 LOCAL CONTROLLER (CH. 1)	E-350					
22000				CS1531	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								
22005	A	Nipple	E-349-2								
22006	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	2CEG	E-349-2								
22013	A	2CEA	E-349-2								
22014	A	37472E	E-349-2								
22015	A	37472E	E-349-2								
22016	AB	27252A	E-335								
22017	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	V	48049A	E-348								
22024	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	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	V		E-348								
22035	FF	BF1147 MV1531 CIRCUIT BREAKER (CH. 2)	E-353								
22036	FF	C5716 MV1531 CONTROL ROOM PANEL (CH. 2)	E-353								
22037	V	C5756C MV1531 CONTROL ROOM PANEL (CH. 2)	E-348								
22038	V	CDF-11B MV1531 DISCONNECT SWITCH (CH. 2)	E-349-2								
22039	A	EV1531 MV1531 TERMINAL BOX (CH. 2)	E-335								
22040	AB	EVDH09A MV1531 TERMINAL BOX (CH. 2)	E-349-2								
22041	A	MV1531 CTMT SPRAY DISCH ISO VLV (CH. 2)	E-349-2								
	A	NV1531 MV1531 LOCAL CONTROLLER (CH. 2)	E-349-2								
22100	P56-1	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				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					

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		
22112	CSS	P56-1	1CBE111C	MC0561 CONTROL CIRCUIT	Y	46628A	E-346			
22113			Y	1CKD	E-346					
22114			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			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					
22125D			Y	46055B*	E-343, 344, 355					
22126			Y	46628A	E-346					
22127			Y	1CKD	E-346					
22128			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			FF		E-353					
22148			FF		E-353					
22149			AB		E-412					
22150			AB		E-412					
22151			AB		E-412					
22200			P56-2	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	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	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	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	A	37472E			E-349-2					
22228	A	2CEA			E-347, 349-2					
22229	DD	2CEA			E-356-7					
22230	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
22231	CSS	P56-2	2CBF111F	MP0562 CONTROL CIRCUIT	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					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	
22242					FF		E-353	
22243					FF		E-353	
22244					A		E-332	
22245					A		E-332	
22246	A		E-332					
22300	DHRS	DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27428A	E-335	
22301					A	27435A	E-335	
22302					A	2CEH	E-335	
22303					A	27258A	E-335	
22304					A	Nipple	E-335	
22305					A	27707A	E-335	
22306					A	27436A	E-335	
22307					A	2CEH	E-335	
22308					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					A	27258A	E-335	
22317					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					A	27427A	E-335	
22325					A		E-335	
22326					FF		E-353	
22327					A		E-335	
22328					A		E-335	
22329					A		E-335	
22330	A		E-335					
22400	DHRS	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					AB	28203A	E-336	
22403					AB	Nipole	E-336	
22404					V	38552A	E-350	
22405					V	1CJM	E-350	
22406					G	28335A	E-336	
22407					G	1CFF	E-336	
22408					FF	1CP16A	E-356-8	
22409					DD	1CP16A	E-356-8	
22410					DD	1CPL	E-356-6	
22411					DD	1CJL	E-356-6	
22412					DD	1CJL	E-356-6	
22413					CC	1CJL	E-347	
22414					U	1CJL	E-349-3	
22415					V	1CJL	E-350	
22416					V	38550A	E-350	
22417					AB	28203A	E-336	
22418					V	38559A	E-350	
22419					V	38550A	E-350	
22420					V	1CJL	E-350	
22421					FF	1CP16A	E-356-8	
22422					DD	1CP16A	E-356-8	
22423					DD	1CPL	E-356-6	
22424					DD	1CJM	E-356-6	
22425					CC	1CJM	E-347	
22426					U	1CJM	E-349-3	
22427					V	1CJM	E-350	
22427	V	38551A	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				
22428	DHRS	DH01B	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					G		E-336					
22432					FF	BE1106	MVDH01B CIRCUIT BREAKER (CH. 1)			E-353		
22433					V	C5716	MVDH01B CONTROL ROOM PANEL (CH. 1)			E-350		
22434					V	CDE-11A	MVDH01B DISCONNECT SWITCH (CH. 1)			E-350		
22435					AB	CDE-11B-2	MVDH01B DISCONNECT SWITCH (CH. 1)			E-336		
22436					AB	EVDH01B	MVDH01B TERMINAL BOX (CH. 1)			E-336		
22437					AB	MVDH01B	LPI LINE #1 VALVE (CH. 1)			E-336		
						NVDH01B	MVDH01B LOCAL CONTROLLER (CH. 1)			E-336		
22500					DH07A	DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22501									V	48036B*	E-340	
22502	V	48036A*	E-340, 345									
22503	AC	48036C	E-319									
22504	V	48036B*	E-340									
22505	V	48036A*	E-340, 345									
22506	AC	2CBF1148D	MVDH07A CONTROL CIRCUIT							E-319		
22507	AC	2CBF1148E	MVDH07A CONTROL CIRCUIT							E-319		
22508	FF	2CBF1148F	MVDH07A CONTROL CIRCUIT							E-424		
22509	DD									E-424		
22510	DD									E-356-7		
22511	DD									E-356-7		
22512	DD									E-356-7		
22513	V									E-348		
22514	FF	2CBF1148G	MVDH07A CONTROL CIRCUIT							E-424		
22515	DD									E-424		
22516	DD									E-356-7		
22517	DD									E-356-7		
22518	DD									E-356-7		
22519	V									E-348		
22520	V	2CBF1148H	MVDH07A CONTROL CIRCUIT							E-348		
22521	FF	2CBF1148I	MVDH07A CONTROL CIRCUIT							E-356-8		
22522	DD									E-356-8		
22523	DD									E-356-7		
22524	DD									E-356-7		
22525	DD									E-356-7		
22526	V									E-348		
22527	AB	2CBF1148J	MVDH07A CONTROL CIRCUIT							E-336		
22528	AB									E-336		
22529	G									E-336		
22530	B									E-336		
22531	AC									E-319		
22532	AC									E-319		
22533	V									E-345		
22534	AC	2PBF1148A	MVDH07A POWER CIRCUIT							E-319		
22535	V					E-340						
22536	V					E-340, 345						
22537	V					E-348						
22538	FF	BF1148	MVDH07A CIRCUIT BREAKER (CH. 2)			E-353						
22539	FF	C5716	MVDH07A CONTROL ROOM PANEL (CH. 2)			E-353						
22540	FF	C5755D	MVDH07A CONTROL ROOM PANEL (CH. 2)			E-353						
22541	FF	C5756C	MVDH07A CONTROL ROOM PANEL (CH. 2)			E-350						
22542	V	CDF-11B	MVDH07A DISCONNECT SWITCH (CH. 2)			E-319						
22543	AC	EVDH07A	MVDH07A TERMINAL BOX (CH. 2)			E-319						
22544	AC	MVDH07A	BWST ISOLATION VALVE A (CH. 2)			E-319						
		NVDH07A	MVDH07A LOCAL CONTROLLER (CH. 2)			E-319						
22600	DH07B	DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319					
22601					B	28500A	E-336					
22602					G	28500A	E-336					
22603					AC	28500A	E-319					
22604					B	28500A	E-336					
22605					G	28500A	E-336					
22606					AC	28500A	E-319					
22607					AC	1CBE1157D	MVDH07B CONTROL CIRCUIT			E-319		
22608					AC	1CBE1157E	MVDH07B CONTROL CIRCUIT			E-319		
22609					FF	1CBE1157F	MVDH07B CONTROL CIRCUIT			E-356-10		
22610					DD					E-356-10		
22611					DD					E-356-6		
22612					DD					E-356-6		
22613					CC					E-347		
22614					U					E-349-3		
22615					V					E-350		
22616					V					E-350		
22617					G					E-336		
22618					G					E-336		
22619					FF	1CBE1157G	MVDH07B CONTROL CIRCUIT			E-424		
										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			
22620	DHRS	DH07B	1CBE1157G	MVDH07B CONTROL CIRCUIT	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					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			FF	1CP16A	E-356-8						
22634			DD	1CP16A	E-356-8						
22635			DD	1CPL	E-356-6						
22636			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			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			AC	28501A	E-319						
22648			B	28501A	E-336						
22649			G	28501A	E-336						
22650			G		E-336						
22651			FF		E-353						
22652			FF		E-353						
22653			FF		E-353						
22654			V		E-350						
22655			AC		E-319						
22656			AC		E-319						
22657			AC		E-319						
22700			DH09A	DH09A	2CBF1142B	MVDH09A CONTROL CIRCUIT	AB		27442C	E-335	10 D 10 A 10 D 10 A
22700A							G		27442C	E-335	
22700B							A		27442C	E-335	
22701							A		27442B	E-335	
22701A							AB		27442B	E-335	
22702							AB		27252A	E-335	
22703							AB		Nipple	E-335	
22704							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	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	A	27706A			E-335						
22718A	A	F11C			E-335						
22719	A	27447A			E-335						
22720	A	2CEH			E-335						
22721	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	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						

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			
22733A	DHRS	DH09A	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					A	27135A	E-335				
22734				2PBF1142A	MVDH09A POWER CIRCUIT	A	27135A	E-335			
22735					G	27441A	E-335				
22735A					AB	27441A	E-335				
22736				BF1142	MVDH09A CIRCUIT BREAKER (CH. 2)	G	27441A	E-335			
22737					C5716	MVDH09A CONTROL ROOM PANEL (CH. 2)	A		E-335		
22738					C5755D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353		
22739					C5756D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353		
22740					CDF-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		DH09B	1CBE1112B	MVDH09B CONTROL CIRCUIT	AB	28060A	E-335	
22801								G	28060A	E-336	
22802								AB	27251A	E-335	
22803								AB	Nipple	E-335	
22804								FF	1CP62D	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		1CFF			E-350				
22812		G		1CFF			E-336				
22813		1CBE1112F		MVDH09B CONTROL CIRCUIT		G	28333A	E-336			
22814				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		1CFF	E-350				
22822				G		1CFF	E-336				
22823				1CBE1112G		MVDH09B CONTROL CIRCUIT	G	28331A	E-336		
22824						V	38552A	E-350			
22825						V	1CJM	E-350			
22826		V				1CFF	E-350				
22827		G				1CFF	E-336				
22828		1CBE1112H				MVDH09B CONTROL CIRCUIT	G	28333A	E-336		
22829						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				1CBE1112J		MVDH09B CONTROL CIRCUIT	V	38550A	E-350		
22837						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		1PBE1112A				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			G			E-336					
22847			C5716	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353				
22848			C5762D	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				

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		
22901	DHRS	DH11	2CBF1130C	MVDH11 CONTROL CIRCUIT	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	2CPN	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			
22911			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	2CPN	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					DF		E-347			
22943			BF1130	MVDH11 CIRCUIT BREAKER (CH. 2)	FF		E-353			
22944			C5704	MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353			
22945			C5756D	MVDH11 CONTROL ROOM PANEL (CH. 2)	DF		E-347			
22946			CDF-11A-1	MVDH11 DISCONNECT SWITCH (CH. 2)	D		E-373			
22947			MVDH11	DH NORMAL SUCTION VALVE (CH. 2)	D		E-362			
22948			P2C5GI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
22949			P2C5GX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362			
22950			P2P5FI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347			
22951			P2P5FX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	FF		E-353			
22952			PSH7531A	MVDH11 PRESSURE SWITCH (CH. 2)	A		E-349-2			
22952			RC3702	MVDH11 RELAY CABINET (CH. 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					1CBE1183D	MVDH12 CONTROL CIRCUIT	D	29021C	E-373	
23004							D	29021B*	E-364	
23005							D	29021A	E-363	
23006							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			

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		
23026	DHRS	DH12	1CBE1183J	MVDH12 CONTROL CIRCUIT	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					AB	J83806	E-351-5			
23035					AB	1PJA	E-351-5			
23036			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			D	29022C	E-373					
23039			D	29022B*	E-364					
23040			D	29022A	E-363					
23041			AB	Exposed	E-378B-3					
23042			V		E-350					
23043			FF		E-353					
23044			V		E-350					
23045			D		E-373					
23046			D		E-369					
23047			AB		E-350					
23048			D		E-369					
23049			AB		E-350					
23050			D		E-366					
23100			DH13A	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					AB	17607D	E-332			
23111					AB	J81739	E-332			
23112					AB	Nipple	E-332			
23113	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	FF				E-353					
23121	FF				E-353					
23122	AB				E-332					
23123	AB				E-332					
23124	AB				E-332					
23200	DH13B	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			AB	17608C	E-332					
23211			AB	J81740	E-332					
23212			AB	Nipple	E-332					
23213			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	FF		E-353							
23223	FF		E-353							
			C5717	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353			
			C5762C	SVDH13B 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-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
23224 23225 23226	DHRS	DH13B	EV1467 NVDH13B SVDH13B	SVDH13B TERMINAL BOX (CH. 1) SVDH13B LOCAL CONTROLLER (CH. 1) DECAY HEAT CLR 1 BYPASS VLV (CH. 1)	AB AB AB		E-332 E-332 E-332	
23300 23301 23302 23303 23304 23305 23306 23307 23308 23309 23310 23311 23312 23313 23314 23315 23316 23317 23318 23319 23320 23321 23322 23323 23324 23325 23326 23327 23328 23329 23330 23331 23332 23333 23334 23335 23336 23337 23338		DH14A	2CVDH14AA 2CVDH14AB	SVDH14A CONTROL CIRCUIT SVDH14A CONTROL CIRCUIT	AB FF DD DD DD DD A A A AB AB AB AB FF DD DD DD A A A AB AB G G U CC DD DD DD A A A AB FF FF AB AB AB AB FF DD DD DD CC U G AB AB A U U U G AB AB FF FF AB AB A U U G AB AB	17095A 2CP55C 2CP55C 2CPN 2CPP 2CEA 2CEA 2CEB 17607A 17607A 17607B JB1741 Nipple 2CP17C 2CP17C 2CPN 2CPP 2CEA 2CEA 2CEB 17607A 17607A 27209A 2CEV 2CEV 2CEV 2CPN 2CPP 2CEA 2CEA 17607A 17607A 27209A 2CEV 2CEV 2CPN 2CPP 2CEA 2CEA 17607A 17607A	E-332 E-424 E-424 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332 E-335 E-335 E-349-3 E-347 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332	
23400 23401 23402 23403 23404 23405 23406 23407 23408 23409 23410 23411 23412 23413 23414 23415 23416 23417 23418 23419 23420 23421 23422 23423 23424 23425 23426 23427 23428 23429 23430 23431 23432 23433 23434	DH14B		2CVDH14AC 2CVDH14AD 2CVDH14AE 2CVDH14AF	SVDH14A CONTROL CIRCUIT SVDH14A CONTROL CIRCUIT SVDH14A CONTROL CIRCUIT SVDH14A CONTROL CIRCUIT	AB AB AB AB FF DD DD DD A A A AB AB G G U CC DD DD DD A A A AB FF FF AB AB AB AB FF DD DD DD CC U G AB AB A U U U G AB AB	17095A 2CP55C 2CP55C 2CPN 2CPP 2CEA 2CEA 2CEB 17607A 17607A 27209A 2CEV 2CEV 2CEV 2CPN 2CPP 2CEA 2CEA 17607A 17607A 27209A 2CEV 2CEV 2CPN 2CPP 2CEA 2CEA 17607A 17607A 27209A 2CEV 2CEV 2CPN 2CPP 2CEA 2CEA 17607A 17607A	E-332 E-424 E-424 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332 E-335 E-335 E-349-3 E-347 E-356-7 E-356-7 E-356-7 E-349-2, 347 E-332, 335 E-332, 335 E-332	
23400 23401 23402 23403 23404 23405 23406 23407 23408 23409 23410 23411 23412 23413 23414 23415 23416 23417 23418 23419 23420 23421 23422 23423 23424 23425 23426 23427 23428 23429 23430 23431 23432 23433 23434		DH14B	1CVDH14BA 1CVDH14BB	SVDH14B CONTROL CIRCUIT SVDH14B CONTROL CIRCUIT	AB FF DD DD DD CC U G AB AB AB AB AB AB FF DD DD DD CC U G AB AB A U U U G AB AB	17096A 1CP62C 1CP62C 1CPL 1CDB 1CDB 1CDB 1CDB 1CDB 17608A 17608D JB1742 Nipple 1CP17A 1CP17A 1CPL 1CDB 1CDB 1CDB 1CDB 1CDB 17608A 37604A 37072A 1CJL 1CDB 1CDB 1CDB 17608A	E-332 E-356-10 E-356-10 E-356-6 E-356-6 E-347 E-349-3 E-335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-6 E-356-6 E-351-4 E-351-4 E-335 E-332 E-332 E-349-2 E-349-3 E-349-3 E-351-4 E-351-4 E-351-4 E-332 E-332	
23400 23401 23402 23403 23404 23405 23406 23407 23408 23409 23410 23411 23412 23413 23414 23415 23416 23417 23418 23419 23420 23421 23422 23423 23424 23425 23426 23427 23428 23429 23430 23431 23432 23433 23434	DH14B		1CVDH14BC 1CVDH14BD 1CVDH14BE 1CVDH14BF	SVDH14B CONTROL CIRCUIT SVDH14B CONTROL CIRCUIT SVDH14B CONTROL CIRCUIT SVDH14B CONTROL CIRCUIT	AB FF DD DD DD CC U G AB AB AB AB AB AB FF DD DD DD CC U G AB AB A U U U G AB AB	17096A 1CP62C 1CP62C 1CPL 1CDB 1CDB 1CDB 1CDB 1CDB 17608A 17608D JB1742 Nipple 1CP17A 1CP17A 1CPL 1CDB 1CDB 1CDB 1CDB 17608A 37604A 37072A 1CJL 1CDB 1CDB 1CDB 17608A	E-332 E-356-10 E-356-10 E-356-6 E-356-6 E-347 E-349-3 E-335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-6 E-356-6 E-351-4 E-351-4 E-335 E-332 E-332 E-349-2 E-349-3 E-349-3 E-351-4 E-351-4 E-351-4 E-332 E-332	
23400 23401 23402 23403 23404 23405 23406 23407 23408 23409 23410 23411 23412 23413 23414 23415 23416 23417 23418 23419 23420 23421 23422 23423 23424 23425 23426 23427 23428 23429 23430 23431 23432 23433 23434		DH14B	C5717 C5755C EV1469 NVDH14A RC2701 SVDH14A	SVDH14A CONTROL ROOM PANEL (CH. 2) SVDH14A CONTROL ROOM PANEL (CH. 2) SVDH14A TERMINAL BOX (CH. 2) SVDH14A LOCAL CONTROLLER (CH. 2) SVDH14A RELAY CABINET (CH. 2) DECAY HEAT CLR 2 OUT VLV (CH. 2)	AB FF FF AB AB G AB	17096A 1CP62C 1CP62C 1CPL 1CDB 1CDB 1CDB 1CDB 17608A 17608D JB1742 Nipple 1CP17A 1CP17A 1CPL 1CDB 1CDB 1CDB 17608A 37604A 37072A 1CJL 1CDB 1CDB 1CDB 17608A	E-332 E-356-10 E-356-10 E-356-6 E-356-6 E-347 E-349-3 E-335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-6 E-356-6 E-351-4 E-351-4 E-335 E-332 E-332 E-349-2 E-349-3 E-349-3 E-351-4 E-351-4 E-351-4 E-332 E-332	
23400 23401 23402 23403 23404 23405 23406 23407 23408 23409 23410 23411 23412 23413 23414 23415 23416 23417 23418 23419 23420 23421 23422 23423 23424 23425 23426 23427 23428 23429 23430 23431 23432 23433 23434	DH14B		C5717 C5762C EV1467 NVDH14B RC3704 SVDH14B	SVDH14B CONTROL ROOM PANEL (CH. 1) SVDH14B CONTROL ROOM PANEL (CH. 1) SVDH14B TERMINAL BOX (CH. 1) SVDH14B LOCAL CONTROLLER (CH. 1) SVDH14B RELAY CABINET (CH. 1) DECAY HEAT CLR 1 OUT VLV (CH. 1)	AB AB FF FF AB AB A AB	17096A 1CP62C 1CP62C 1CPL 1CDB 1CDB 1CDB 17608A 37604A 37072A 1CJL 1CDB 1CDB 17608A	E-332 E-356-10 E-356-10 E-356-6 E-356-6 E-347 E-349-3 E-335 E-332 E-332 E-332 E-356-8 E-356-8 E-356-6 E-356-6 E-351-4 E-351-4 E-335 E-332 E-332 E-349-2 E-349-3 E-349-3 E-351-4 E-351-4 E-351-4 E-332 E-332	

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			
23500	DHRS	DH1517	1CBE1126B	MV1517 CONTROL CIRCUIT	G	27710A	E-335				
23501			1CBE1126C	MV1517 CONTROL CIRCUIT	FF	1CP02A	E-356-8				
23502					DD	1CP02A	E-356-8				
23503					DD	1CPM	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				
23509					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				1PBEE1126A	MV1517 POWER CIRCUIT	G	27505A	E-335			
23523						A	27505A	E-335			
23524				BE1126	MV1517 CIRCUIT BREAKER (CH. 1)	G		E-335			
23525				C5704	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		C5704			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-350	
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			

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	
23717	DHRS	DH2733	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					FF	1CP62C	E-356-10		
23725					DD	1CP62C	E-356-10		
23726					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		G	28312A	E-336					
23734		AB	28312A	E-332					
23735		G		E-336					
23736		FF		E-353					
23737		FF		E-353					
23738		V		E-350					
23739		AB		E-332					
23740		AB		E-332					
23741		AB		E-332					
23800		DH2734	DH2734	2CBF1134B	MV2734 CONTROL CIRCUIT	A	27706A	E-335	
23801						A	27438A	E-335	
23802						A	2CEH	E-335	
23803						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						AB	27444A	E-332	
23812						A	27444B	E-335	
23813	AB					Nipple	E-332		
23814	AB		17358A	E-332					
23815	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	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	A		27443A	E-335					
23834	AB		27443A	E-335					
23835	AB		27443A	E-332					
23836	A			E-335					
23837	FF			E-353					
23838	FF			E-353					
23839	A			E-335					
23840	AB			E-332					
23841	AB			E-332					
23842	AB			E-332					
23845E	DH2735		DH2735	1CBE1155C	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						D	39171A	E-363, 369	
23845J		D				39169A	E-369		
23845K		V				38386A	E-350		
23845L		V				1CJM	E-350		
23845M		V				38564A	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		
23845N	DHRS	DH2735	1CBE1155F	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			
23845X					FF	1CP02A	E-356-8			
23844			1PBE1155A	DH2735 CONTROL CIRCUIT	V	38385A	E-350			
23845					AB	38385A	E-350, 351-5			
23845A					AB	EXPOSED	E-350, 348			
23845B					D	1PBMO1	E-363, 369			
23845C					D	39170A	E-363, 369			
23845D					D	39168A	E-369			
23848					V		E-350			
23846					FF		E-356-8			
23847					V		E-350			
23849					D		E-369			
23851			AB		E-351-5					
23853			D		E-350					
23852			D		E-350					
23850			AB		E-351-5					
23860B			DH2736	DH2736	2CBF1125B	DH2736 CONTROL CIRCUIT	DF	47324A	E-347	
23860C							A	47324A	E-349-2	
23860D							A	37504A	E-349-2	
23860E							A	NIPPLE	E-349-2	
23860F							DF	47326A	E-347	
23860G					DF	2CLA	E-347-1			
23860H					DF	2CLB	E-347			
23860I					DF	47703A	E-347			
23860J					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			
23860P	DD	2CPN			E-356-7					
23860Q	DD	2CP02C			E-356-8					
23860R	FF	2CP02C			E-356-8					
23860	DF	47325A			E-347					
23860A	A	47325A			E-349-2					
23863	DH63	DH2736			2PBF1125A	DH2736 CONTROL CIRCUIT	DF		E-347	
23861							FF		E-356-8	
23862			DF				E-347			
23865			A				E-349-2			
23864			A				E-349-2			
23866			A		E-349-2					
23900			DH63	DH2736	2CBF1195B	MVDH63 CONTROL CIRCUIT	A	17625A	E-332	
23901							B	18226A	E-412	
23902							AB	18226A	E-412, 332	
23903							A	18226A	E-332	
23904	A	18226C					E-332			
23905	G	27703B			E-335					
23906	G	J82729			E-335					
23907	G	18227A			E-335					
23908	AB	18227A			E-332, 412					
23909	B	18227A			E-412					
23910	A	Nipple	E-332							
23911	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	J82729	E-335							
23921	B	18225A	E-412							
23922	AB	18225A	E-332, 412							
23923	A	18225A	E-332							
23924	A	18225C	E-332							
23925	B		E-412							
23926	G		E-335							
23927	A		E-332							
23928	A		E-332							
			BF1195	MVDH63 CIRCUIT BREAKER (CH. 2)						
			CDF-11D	MVDH63 DISCONNECT SWITCH (CH. 2)						
			EVDH63	MVDH63 TERMINAL BOX (CH. 2)						
			MVDH63	LPI/HPI CROSS-TIE VALVE (CH. 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
23929	DHRS	DH63	MVDH63	MVDH63 LOCAL CONTROLLER (CH. 2)	A		E-332	
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	
24004					G	18232B	E-336	
24005					G	1CFF	E-336	
24006					V	1CFF	E-350	
24007					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			1CBE1187D	MVDH64 CONTROL CIRCUIT	DG	48135B	E-348	
24015			1CBE1187E	MVDH64 CONTROL CIRCUIT	AB	N1pple	E-412	
24016			1CBE1187F	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			1PBE1187A	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			C5716	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	36068B*	E-337, 339	
24325					S	JB3607	E-338	
24326					S	36086A	E-338	
24327					S	1CGC	E-338	
24328					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		
24329	DHRS	P42-1	1CAC112C	MP0421 CONTROL CIRCUIT	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		
24337						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	J83607	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	
24360							FF		E-353	
24361					C5762C	MP0421 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24362					MP0421	DH PUMP #1 (CH. 1)	AB		E-332	
					NP0421	MP0421 LOCAL CONTROLLER (CH. 1)	AB		E-332	
24400			P42-2	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	J83620	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	J83620	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	

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				
24437	DHRS	P42-2	2CAD112F	MP0422 CONTROL CIRCUIT	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					
24446					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					EDG	T-10	N/A	BORATED WATER STORAGE TANK	OS	MAN		
24500						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									
24507B	II	27113B*	E-339, 344, 356									
24508	CC	27113B*	E-339, 344, 356									
24508A	II	27113A*	E-333, 339									
24508B	UU	27113A*	E-333, 339									
24509	A	27113A*	E-333, 339									
24510	A	27113	E-335									
24511	A	1CEA	E-335									
24512	E	1CEA	E-335									
24513	DUCT	36086B*	E-337, 342									
24514	S	36086B	E-337, 342									
24515	S	JB3607	E-338, 418									
24516	S	36086A	E-338, 418									
24517	S	36075A	E-338									
24518	S	1CGC	E-338									
24519	DUCT	36075B*	E-337, 341									
24520	K	36075C	E-338									
24521	K	36960A	E-338									
24522	K	1CGP	E-338									
24523	FF	1CP63C	E-424									
24524	DD	1CP63C	E-424									
24525	DD	1CPL	E-356-1, 356-6									
24526	DD	27113C	E-356-1, 356-6									
24526A	DD	27113B*	E-339, 344, 356									
24526B	II	27113B*	E-339, 344, 356									
24527	CC	27113B*	E-339, 344, 356									
24527A	II	27113A*	E-333, 339									
24527B	UU	27113A*	E-333, 339									
24528	A	27113A*	E-333, 339									
24529	A	27113	E-335									
24530	A	1CEA	E-335									
24531	E	1CEA	E-335									
24532	DUCT	36086B*	E-337, 342									
24533	S	36086B	E-338									
24534	S	JB3607	E-338, 418									
24535	S	36086A	E-338, 418									
24536	S	36075A	E-338									
24537	S	1CGC	E-338									
24538	DUCT	36075B*	E-337, 341									
24539	K	36075C	E-338									
24540	K	1CGP	E-338									
24541	K	36960A	E-338									
24542	K	36960A	E-338									
24543	K	36967A	E-338									
24544	K	1CGP	E-338									
		1CGD104D	SV1147A/B CONTROL CIRCUIT	DD	1CPL	E-356-1, 356-6						
		1CGD104E	SV1147A/B CONTROL CIRCUIT									

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				
24545	EDG	DA1147A/B	1CGD104E	SV1147A/B CONTROL CIRCUIT	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					
24554					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					
24600					EDG	DA1148A/B	2CGD204A	SV1148A/B CONTROL CIRCUIT	J	36917B	E-338	
24601									J	36915A	E-338	
24602									J	2CGS	E-338	
24603							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	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	J	36587A	E-338									
24640	J	36923A	E-338									
24641	J	2CGS	E-338									
24642	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									

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
24659	EDG	DA1148A/B	2CGD204E	SV1148A/B CONTROL CIRCUIT	J	2CGS	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		
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	

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
24753	EDG	K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	E	1CEA	E-335	
24754					DUCT	36083B*	E-337	
24755					S	JB3607	E-338	
24756					S	36083A	E-338	
24757					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					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			K	36968A	E-338			
24782			K	36964A	E-338			
24783			K	1CGP	E-338			
24784			K	36968A	E-338			
24785			K	36964A	E-338			
24786			K	1CGP	E-338			
24787			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	K	36960A	E-338					
24797	K	36964B	E-338					
24798	K	1CGP	E-338					
24799	K	36968A	E-338					
24800	K	36962A	E-338					
24801	K	1CGP	E-338					
24802	K	36960A	E-338					
24803	K	36962A	E-338					
24804	K	1CGP	E-338					
24805	K	36968A	E-338					
24806	K	36962A	E-338					
24807	K	1CGP	E-338					
24808	K	36960A	E-338					
24809	K	36964B	E-338					
24810	K	1CGP	E-338					
25844	S	36503A	E-338, 351-1					
25845	S	36519A	E-338, 351-1					
25846	S	1CGZ	E-338, 351-1					
25847	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	K	36966A	E-338					
25857	K	36040C	E-338					
			1CGD101N	EDG 1-1 CONTROL CIRCUIT				
			1CGD101P	EDG 1-1 CONTROL CIRCUIT				
			1CGD101Q	EDG 1-1 CONTROL CIRCUIT				
			1CGD102A	EDG 1-1 CONTROL CIRCUIT				
			1CGD102B	EDG 1-1 CONTROL CIRCUIT				
			1CGD102C	EDG 1-1 CONTROL CIRCUIT				
			1CGD102D	EDG 1-1 CONTROL CIRCUIT				
			1CGD102E	EDG 1-1 CONTROL CIRCUIT				
			1CGD102F	EDG 1-1 CONTROL CIRCUIT				
			1CGD103B	27/C1, 27A/C1 CONTROL CIRCUIT				
			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT				
			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT				

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
25858	EDG	K5-1	1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	K	1CGP	E-338	
25859					K	J83637	E-338	
25860					DUCT	36040B*	E-337, 341	
25861					S	36040A	E-338	
25862					S	1CGC	E-338	
25863					S	36519A	E-338, 351-1	
25864					S	1CGZ	E-338, 351-1	
25865					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	J83607	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	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	J83607	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	K	36964B	E-338					
25904	K	36040C	E-338					
25905	K	1CGP	E-338					
25906	K	J83637	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					
24811	FF	1CP15A	E-356-8					
24812	DD	1CP15A	E-356-8					
24813	DD	1CPL	E-356-1					
24814	DD	27112C	E-356-1					
24815	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	J83607	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					
1CGD103E			27/C1, 27A/C1 CONTROL CIRCUIT					
1CGD103F			27/C1, 27A/C1 CONTROL CIRCUIT					
1CGD103G			27/C1, 27A/C1 CONTROL CIRCUIT					
1CGD105A			EDG 1-1 CONTROL CIRCUIT					

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
24827	EDG	K5-1	1CGD105A	EDG 1-1 CONTROL CIRCUIT	K	36075C	E-338	
24828					K	36968A	E-338	
24829					K	1CGP	E-338	
24830					K	36960A	E-338	
24831					K	36968A	E-338	
24832					K	1CGP	E-338	
24833					K	36962B	E-338	
24834					K	36968A	E-338	
24835					K	1CGP	E-338	
24836					K	36581A	E-338	
24837					K	36967A	E-338	
24838					K	1CGP	E-338	
24838A					K	36213B	E-338	
24838B					K	1CGP	E-338	
24838C					K	36966A	E-338	
24839					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					K	36960A	E-338	
24859					K	36968A	E-338	
24860					K	1CGP	E-338	
24861					K	36962B	E-338	
24862					K	36968A	E-338	
24863					K	1CGP	E-338	
24863A					K	36213B	E-338	
24863B					K	1CGP	E-338	
24863C					K	36966A	E-338	
24881A	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	K	36964B	E-338					
24881M	K	1CGP	E-338					
24881N	K	36213A	E-338					
24881P	K	36213A	E-338					
24881Q	K	1CGP	E-338					
24881R	K	36581A	E-338					
24864	K	36581A	E-338					
24865	K	36964B	E-338					
24866	K	1CGP	E-338					
24867	K	36581A	E-338					
24868	K	36964B	E-338					
24869	K	36003C	E-338					
24870	K	36001C	E-338					
24871	K	36229A	E-338					
24872	S		E-338					
24873	S		E-338					
24874	K		E-338					
24875	K		E-338					
24876	K		E-338					
24877	FF		E-353					
24878	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																																					
24879	EDG	K5-1	EDG 1-1 GK51	EMERGENCY DIESEL GENERATOR (CH. 1) EMERG DIESEL GENERATOR 1-1	K K		E-338																																						
24880							E-338																																						
24900		K5-2	2CGD201C	EDG 1-2 CONTROL CIRCUIT	J J	36921A 36924A	E-338																																						
24901							E-338																																						
24902								E-338																																					
24903								2CGD201D		EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338																																
24904															E-338																														
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24906																									E-338																				
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24999																																									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		
24976	EDG	K5-2	2CGD201P	EDG 1-2 CONTROL CIRCUIT	J	2CGS	E-338			
24977				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			
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			
25035					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			
25075A			2CGD208A	FIELD FLASH/SHORTING CIRCUITS	Q	36701A	E-338, 351-2			
25075B					Q	2CGE	E-338, 351-2			

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				
25135	EDG	P195-1	1PBE1298A	MP1951 POWER CIRCUIT	Q	JB3660	E-338					
25136					Q	30185E	E-338					
25137					P	30185E	E-338					
25138					K	30185E	E-338					
25139					K		E-338					
25140					K		E-338					
25141					K		E-338					
25142					BN		E-437-2					
25143					BN		E-437-2					
25144					K		E-338					
25200					P195-2	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	2CBF1230C	MP1952 CONTROL CIRCUIT	2CBF1230C	MP1952 CONTROL CIRCUIT	X	2CKL	E-346					
25215					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					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	2CBF1230D	MP1952 CONTROL CIRCUIT	2CBF1230D	MP1952 CONTROL CIRCUIT	X	2CKL	E-346					
25233					J	30187H	E-338					
25234					J	30187G	E-338					
25235					J	30187G	E-338					
25236					Q	30187F	E-338					
25237					Q	2CGE	E-338					
25238					Q	36748B	E-338					
25239					Q	36748B	E-346					
25240					X	46335A	E-346					
25241					X	2CKL	E-346					
25242					J	36834A	E-338					
25243					J	36834A	E-338					
25244					J	EV1123	E-338					
25245					J	36821A	E-338					
25246	J	2CGS	E-338									
25247	J	36176C	E-338									
25248	DUCT	36176B*	E-337									
25249	Q	36176A	E-338									
25250	Q	2CGE	E-338									
25251	Q	36748B	E-338									
25252	X	36748B	E-346									
25253	X	46335A	E-346									
25254	X	2CKL	E-346									
25255	2PBF1230A	MP1952 POWER CIRCUIT	2PBF1230A	MP1952 POWER CIRCUIT	DUCT	30182B*	E-304, 437-2					
25256					DUCT	30182A*	E-304, 437-2					
25257					BN	Exposed	E-437-2					
25258					MF	Exposed	E-437-2					
25259					DUCT	30182C*	E-304, 437-2					
25260					ME	Exposed	E-437-2					
25261					DUCT	30182D*	E-304, 437-2					
25270					P201-1	C3621	MP201-1	MP201-1 POWER CIRCUIT	Q	JB3665	E-338	
25270A									K	30182E	E-338	
25271					P201-2	C3622	MP201-2	MP201-2 POWER CIRCUIT	Q	30182E	E-338	
25271A									X	30182E	E-346	
									X		E-346	
									J		E-338	
									J		E-338	
					BN		E-437-2					
					BN		E-437-2					
					J		E-338					
					K	UNCHED						
					K	UNCHED						
					J	UNCHED						
					J	UNCHED						

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
25275	EDG	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	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						K	36954A	E-338	
25295J						J	ACGR	E-338	
25295K						K	36965A	E-338	
25295L						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	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	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						
25296O	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	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						

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	
25297M	EDG	P8-1	ACBE1257L	MP8-1 CONTROL CIRCUIT	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					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			OS	30341W					
25298K			OS	30341V					
25298L			BH	30341Y					
25278A			APBE1257A	DO XFER PUMP 1	MP8-1 CONTROL CIRCUIT	DUCT	360698*	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			
25298S	BE					E-361			
25298T	BF					E-361			
25298U	BM					E-319			
25298V	BM					E-319			
25298W	BM					E-319			
25298X	BH					E-419			
25298Y	BF					E-361			
25298Z	OS								
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			
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			
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	ESSPWR	1N	1N	STATION BATTERY #1N (CH. 1)	Y		E-346		
25301					Y	46566A	E-346		
25302					Y	46566A	E-346		
25303					Y	46567A	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	
25304	ESSPWR	1N	1PD131B	BATTERY #1N POWER FEED TO DC MCC 1	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					Y	46553A	E-346		
25404				1PD104B	BATTERY #1P POWER FEED TO DC MCC 1	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	
35651H				BCHBBDA	BKR HBBD CONT PWR (C1 BACKFEED)	Q	46751A	E-338	
35651I						Q	36774A	E-338	
35651J						Q	BCGM	E-338	
35651K						P	BCGM	E-338	
35651L						A	BCGM	E-338, 349-2	
35651M						DD	BCGM	E-356-4	
35651N						DD	BCPC	E-356-4	
35651P					DD	BPC15D	E-356-8		
35651Q					FF	BPC15D	E-353		
35651R				BCHBBDB	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	
35651S					Q	BCGD	E-338		
35651T					Q	BCGN	E-338		
35651U					Q	36775A	E-338		
35651V				BCHBBDC	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	
35651W					Q	BCGD	E-338		
35651X					Q	BCGN	E-338		
35651Y					Q	36775A	E-338		
35651Z				BCHBBDD	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36414A	E-338	
35651F				BPD2P04A	125V BKR CONT PWR (C1 BACKFEED)	X	46818A	E-346	
35651A				BPDBP02A	CONTROL PWR FOR HBBD (E32B/25B)	X	46842A	E-346, 351-2	
35651D						Q	46842A	E-351-2	
35650A				BPXBD01A	POWER CABLE FROM XBD (TYP FOR 3 PH)	Q	36165A	E-337	
35650B						OS	36165B	E-328	
35650C					OS	36165C	E-328		
35651E			DBP	125V DISTRIBUTION PANEL (C1 BACKFEED)	X		E-346		
35652			HBBD	BUS B BREAKER FOR XFMR XBD	Q		E-338		
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		
25707					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			

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP
25731	ESSPWR	C1	1CABDC1L	ABDC1 CONTROL CIRCUIT	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					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			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	K	36962A	E-338					
25774	K	36040C	E-338					
25775	K	1CGP	E-338					
25776	K	JB3637	E-338					
25777	DUCT	36040B*	E-337					
25778	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	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	K	36967A	E-338					
25793	K	36962A	E-338					
25794	K	1CGP	E-338					
25795	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					
			1CAC101C	AC101 CONTROL CIRCUIT				
			1CAC101D	AC101 CONTROL CIRCUIT				
			1CAC101F	AC101 CONTROL CIRCUIT				
			1CAC101G	AC101 CONTROL CIRCUIT				
			1CAC101H	AC101 CONTROL CIRCUIT				
			1CAC1033A	SWGR C1 CONTROL				

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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
25800	ESSPWR	C1	1CAC1033A	SWGR C1 CONTROL	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					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			S	36519A	E-338			
25826			S	36505A	E-338			
25827			S	1CGZ	E-338			
25828			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			K	36001A	E-338			
25914			K	JB3636	E-338			
25915			K	36001B	E-338			
25916	DUCT	36001B*	E-337					
25917	S	36001B	E-338					
25918	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	S	46648A	E-338					
26502B	Y	46648A	E-346					
26501	S	46650A	E-338					
26502	Y	46650A	E-346					
25923	S		E-338					
25924	S		E-338					
25925	S		E-338					
25926	K		E-338					
25927	K		E-338					
25928	K		E-338					
25929	FF		E-353					
25930	FF		E-353					
26000	C2		1CAC110C	AC110 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
26001					DD	1CP15A	E-356-8	

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FIRE HAZARD ANALYSIS
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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		
26002	ESSPWR	C2	1CAC110C	AC110 CONTROL CIRCUIT	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 AC110 AC203 ACAACC2A	BUS C2 TIE BREAKER AAC2 4.16KV ESSEN SWGR C1 BREAKER (CH. 1) SWGR C2 CUBICLE BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-351-1	
26026							S	ACGF	E-338	
26027	S	ACGB					E-338			
25940	S	ACGH	E-338, 351-1							
25941	S	ACGH	E-338, 351-1							
25942	S	36575A	E-338, 351-1							
25943	S	36537A	E-351-1, 338							
25944	S	ACGF	E-351-1, 338							
26060A	S	ACGB	E-338							
26060B	S	ACGH	E-338, 351-1							
26060C	S	ACGH	E-338, 351-1							
26060D	S	36575A	E-338, 351-1							
26060E	ACAACC2B	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A			E-338, 351-1			
25945			S	AGGF	E-338, 351-1					
25946			S	ACGB	E-338, 351-1					
25947			S	ACGH	E-338, 351-1					
25948			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			
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			
25963			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			S	36537A	E-338, 351-1					
25969			S	ACGF	E-338, 351-1					
25970			ACAACC2E	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1			
25971					S	36537A	E-338, 351-1			
25972	S	ACGF			E-338, 351-1					
25973	S	36504A			E-338, 351-1					
25974	ACAACC2F	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					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			S	36538A	E-358, 351-1					

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Davis Besse Unit 1

FIRE HAZARD ANALYSIS

REVISION : 18
DATE : 11/ 0

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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		
25987	ESSPWR	C2	ACAACC2I	BACKFEED CONTROL CIRCUIT E34B/1	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	
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	DD	ACP15B	E-356-8	A		
26029					DD	ACPG	E-356-2	A		
26030					DD	ACPF	E-356-2	A		
26031					DD	ACPJ	E-356-2	A		
26032					DD	ACPR	E-356-2	A		
26033					DD	ACPF	E-356-2	A		
26034					II	ACGF	E-338, 349-1, 347	A		
26035					S	36531A	E-338	A		
26036					S	ACGF	E-338	A		
26037			ACAC2032B	SWGR C2 CONTROL CIRCUIT	S	36381A	E-338	A		
26038					S	36601A	E-338	A		
26039					S	ACGJ	E-338	A		
26040					S	36531A	E-338	A		
26041					S	ACGF	E-338	A		
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					Y	46651A	E-338			
26053C					Y	46649A	E-346			
26053D					Y	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	SWGR C2 ELECT CTRL & RLY BD (CH. 1)	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	C3615	1PD1P09A	CONTROL POWER TO DG1Y 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	
31904							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	36002F	E-346			
26512					Y	JB4629	E-346			
32407			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	K	36002G	E-346			
32408					K	36002E	E-338			
32409					K	36002C	E-338			
32410					DUCT	36002B*	E-337			
32411					S	36002F	E-338			
32412					Y	36002F	E-346			
32413					Y	36002F	E-346			
32414					Y	JB4629	E-346			
27334	C3616		2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	J	36341A	E-338			
27335						J	36341A	E-338		

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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			
27336	ESSPWR	C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	Q	36341A	E-338				
27337					Q	JB3640	E-338				
27338					Q	46823B	E-338				
27339			2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	X	46823B	E-346				
32193					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 1CY108B	CONTROL POWER TO AUX S/D PANEL C3630 CNTRL PWR TO INST ELEC RACK ENCL C3628	R	36142A	E-338				
32052G					R	36275A	E-338				
33750					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 2CY208A	CTRL PWR TO INST ELEC RACK ENCL C3628 CONTROL POWER TO AUX S/D PANEL C3630	R	36275A	E-338		
32115							R	36172A	E-338		
32116							Q	2CGE	E-338		
32117		Q	36728A	E-338							
32118		X	36728A	E-346							
32119		X	46824A	E-346							
32120		X	2CKL	E-346							
32121		R	36272A	E-338							
32000	C3645	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	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					DF	46961B	E-346				
32328					DF	JB4674	E-346				
32329		DF	2CKM	E-346, 347							
32330		DF	46961E	E-347							
32300		C4625	C4625	2CY204AA	Y2A CONT POWER TO C4625 (AF6451 FO)	X	46824D	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
32301 32302 32303 32304	ESSPWR	C4625	2CY204AA	Y2A CONT POWER TO C4625 (AF6451 FO)	X	2CKL	E-346	
X					46961H	E-346		
X					2CKM	E-346		
X					46968A	E-346		
32028 32029 32030 32031 32032 32033 32034 32035 32036 32037 32038 32039 32040 32041 32042 32042A 32042B 32042C 32043 32051A 32043A 32044 32045 32046 32047 32048 32050 32050A 32051		C4808	1CY108AA	CONTROL POWER FROM Y1A	Y	46122F	E-346-1	
Y					1CKA	E-346-1		
Y					36357D	E-346		
S					36357D	E-338		
S					1CGC	E-338		
S					36289A	E-338		
S					JB3607	E-338		
S					36080B	E-337, 338, 342		
DUCT					36080B*	E-337		
E					1CEA	E-335		
A					1CEA	E-335		
A					27617B	E-335		
G					27617B	E-335		
G					1CDB	E-335, 351-4		
U					1CDB	E-349-3, 351-4		
U					37089A	E-349-3		
U	1CJL	E-349-3						
U	37092A	E-349-3						
U	JB3736	E-349-3						
DG	48554D	E-348						
U	JB3736	E-349-3						
U	37092F	E-349-3, 356						
U	1CJL	E-349-3, 356-6						
CC	1CJL	E-347						
CC	47000A	E-347						
V	47000A	E-347						
V	1CLA	E-347, 348						
V	48554E	E-348						
DG	48554E	E-348						
32122 32123 32124 32125 32126 32127 32128 32129 32130 32131 32132 32133 32134 26605A 26605B 26605C 26605D 26605E 26605F 26605G 26605H	C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	FF	2CP16C	E-353		
DD				2CP16C	E-356-1			
DD				2CPN	E-356-1			
DD				2CKL	E-356-1			
DF		2CKL	E-346					
X		2CKL	E-346					
X		46824B	E-346					
FF		2CP02C	E-356-8					
DD		2CP02C	E-356-8					
DD		2CPN	E-356-7					
DD		2CP16C	E-356-8					
FF		2CP16C	E-356-8					
FF		FLEX	E-356-8					
X		46966A	E-346					
X		46966A	E-346					
X		2CKM	E-346					
DF		2CKM	E-346, 347					
DD		2CKM	E-356-7					
DD		2CPN	E-356-7					
DD		5705C1	E-356-8					
FF	5705C1	E-356-8						
32711A 32711B 32711C 32711D 32711E 32711F 32711G 32711H	C5706	BCYBU28A	CONT POWER TO C5706 (IND SV5706 604)	X	46272A	E-346		
X				BCKP	E-346, 351-1			
DF				BCKP	E-346, 347			
DD				BCKP	E-356-4			
DD				BCPD	E-356-4			
DD				BCPC	E-356-4			
DD				BCP02D	E-356-8			
FF				BCP02D	E-356-8			
32121A 32121B 32121C 32121D 32121E 32121F 32121G 32121H 32121I 32121J 32121K 32121L 32121M	C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	Y	1CKA	E-346		
Y				36122A	E-346			
Y				1CKD	E-346			
Y				46053B*	E-343, 344, 355			
X				46053B*	E-343, 344, 355			
DF				46053B*	E-343, 344, 355			
A		46053B*	E-343, 344, 355					
DD		46053B*	E-343, 344, 355					
DD		46053A	E-356-1, 356-6					
DD		1CPL	E-356-1, 356-6					
DD		1CP16A	E-356-8					
FF		1CP16A	E-356-8					
FF	1CP16A	E-356-8						
		1CY112B	CNTL PWR FOR IND LGTS + PROCESS MON IND	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	
32121N	ESSPWR	C5708	1CY112B	CNTL PWR FOR IND LGTS + PROCESS MON IND	DD	1CP16A	E-356-8		
32121O					DD	1CPL	E-356-6		
32121P					DD	1CP63B	E-424		
32121Q					FF	1CP63B	E-424		
32121R			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			C5709	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		2CY211B		CTL PWR FOR IND LGTS + PROCESS MON IND	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				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				1CY112C	CTRL PWR FOR IND LGTS + PROCESS MON IND	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				2CY211B	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-356-1	
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				FF	FLEX	E-356-8			
31850		C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	FF	1CP17B	E-356-8		
31851					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			

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	
32141 32142 32143 32144 32145 32146	ESSPWR	C5717	2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717 CONTROL POWER TO C5755A	X	46824A	E-346		
2CY212B			FF		2CP55A	E-424			
		DD	2CP55A	E-424					
		DD	2CPN	E-356-7					
		DD	2CP17C	E-356-8					
		FF	2CP17C	E-356-8					
27237 27238 27239 27240 27241 27242 27243			C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	FF	2CP55C	E-424	
		DD	2CP55C	E-424					
		DD	2CPN	E-356-7					
		DD	2CKM	E-356-7					
		DF	2CKM	E-346, 347					
		X	2CKM	E-346					
		X	46805A	E-346					
32108 32109 32110 32111 32112 32113 32114			C5755D	2CY207A	120VAC CONTROL POWER	FF	2CP55D	E-353	
		DD	2CP55D	E-356-1					
	DD	2CPN	E-356-1						
	DD	2CKL	E-356-1						
	DF	2CKL	E-346						
	X	2CKL	E-346						
	X	46824A	E-346						
24620 24621 24622 24623 24624 24625 24626		C5755E	2CY206A	CONTROL POWER TO C5755E	FF	2CP55E	E-353		
	DD	2CP55E	E-356-1, 356-11						
	DD	2CPN	E-356-7						
	DD	2CKL	E-356-7						
	DF	2CKL	E-346-1, 347-1						
	X	2CKL	E-346-1						
	X	46824A	E-346-1						
32305 32306 32307 32308 32309 32310 32311		C5755G	2CY2A205A	CONTROL POWER TO C5755G	X	46824D	E-346-1		
	X	2CKL	E-346						
	DF	2CKL	E-346						
	DD	2CKL	E-356						
	DD	2CPN	E-356						
	DD	2CP55G	E-356-11						
	FF	2CP55G	E-356-11						
27230 27231 27232 27233 27234 27235 27236 27237 32500 32501 32502 32503 32504 32505 32506 32507 32508		C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	FF	2CP56D	E-424		
	DD		2CP56D	E-424					
	DD	2CPN	E-356-7						
	DD	2CKM	E-356-7						
	DF	2CKM	E-346, 347						
	X	46805A	E-346						
	X	2CKM	E-346						
	FF	46865G	E-353						
	DD	46865G	E-356-1						
	DD	46865E	E-356-1						
	DD	46865C	E-356-1						
	DF	46865C	E-346, 347						
	X	46865C	E-346						
	X	46865C	E-346						
	X	JB4606	E-346						
	X	46865A	E-346						
33550 33551 33552 33553 33554		C5759B	BCNNI152A	C5760D IND PWR NNI	FF	BGP59B	E-356-10		
	DD	BGP59B	E-356-10						
	DD	BCPC	E-356-10						
	DD	BGP60D	E-356-10						
	FF	BGP60D	E-356-10						
32600 32601 32602 32603 32604 32708 32709 32710 32711 32712		C5759C	APYAU19A	ALT INST POWER FD TO NNI-X BUS	FF	46188C	E-356-1		
	DD		46188C	E-356-1					
	DD	46188A	E-346, 347						
	II	46188A	E-346						
	Y	46188A	E-346						
	X	46189A	E-346, 356						
	DF	46189A	E-346, 356						
	DD	46189A	E-346, 356						
	DD	46189B	E-356						
	FF	46189B	E-353						
32605 32606 32607 32608 32609 32703		C5760D	APYAU26A	INST POWER FD TO NNI-Y BUS	Y	46188A	E-346		
	II	46188A	E-347						
	DD	46188A	E-356						
	DD	46188B	E-356						
	FF	46188B	E-353						
	FF	46189C	E-353						
		BPYBU22A	ALT INST POWER NNI-Y BUS						

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/TFP
32704 32705 32706 32707	ESSPWR	C5760D	BPYBU22A	ALT INST POWER NNI-Y BUS	DD DD DF X	46189C 46189A 46189A 46189A	E-356-1 E-356-1 E-346, 347 E-346	
58200 58202 58203 58203A 58203B 58203C 58203D 58204 58205 58206 58207 31950 31951 31952 31953 31954 31955 31956		C5761A	1CY115B	CONT POWER SFRCs LOGIC CH 1	DD DD Y X DF A DD FF Y Y Y V U CC DD DD FF	1CPL 46051A 46051B* 46051B* 46051B* 46051B* 46051B* 1CPL 1CKD 1CKA 46122B 38424A 1CJL 1CJL 1CJL 1CJL 1CPL 1CPL	E-356-6 E-356-1 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-356-10 E-346 E-346 E-346 E-350 E-350 E-349-3 E-347 E-356-6 E-356-6 E-353	
31895 31896 31897 31898 31899 31899A 31899B 31899C 31899D 31900 31901 31902 26811 26812 26813 26813A 26813B 26813C 26813D 26814 26814A	ESSPWR	C5762A	1CY121A	CONT POWER SFRCs RELAY CH 1	FF DD DD DD DD A DF X Y Y Y Y FF DD DD A DF X Y Y	1CP62A 1CP62A 46051A 1CPL 46051B* 46051B* 46051B* 46051B* 46051B* 1CKD 46122B 1CKA 46050C 46050C 46050B* 46050B* 46050B* 46050B* 46050B* 46050A 56050A	E-356-10 E-356-10 E-356-1, 356-6 E-356-1, 356-6 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-346 E-346 E-346 E-353 E-356-1 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-346 E-346	
26700 26701 26702 26703 26704 26704A 26704B 26704C 26704D 26705 26706 26707		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	FF DD DD DD DD A DF X Y Y Y	1CP62C 1CP62C 1CPL 46051A 46051B* 46051B* 46051B* 46051B* 46051B* 1CKD 46615A 1CKA	E-356-10 E-356-10 E-356-1 E-356-1 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-343, 344, 355 E-346 E-346 E-346	
31811 31812 31813 31814 31815 31815A 31815B 31815C 31815D 31816 31817 31818	ESSPWR	C5762D	1CY107A	120V AC CONTROL POWER	FF DD DD DD DD A DF X Y Y Y Y	1CP62E 1CP62E 1CPL 46053A 46053B* 46053B* 46053B* 46053B* 46053B* 1CKD 46122A 1CKA	E-356-10 E-356-10 E-356-1, 356-6 E-356-1, 356-6 E-343, 344, 355 E-343, 344, 356-1 E-343, 344, 356-1 E-343, 344, 356-1 E-343, 344, 356-1 E-346 E-346 E-346	
24630 24631 24632 24633 24634 24635 24636		C5762E	1CY106A	CONTROL POWER TO C5762E	FF DD DD DD DD A DF	1CP62E 1CP62E 1CPL 46053A 46053B* 46053B* 46053B*	E-356-10 E-356-10 E-356-1, 356-6 E-356-1 E-355 E-355 E-355, 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				
24637	ESSPWR	C5762E	1CY106A	CONTROL POWER TO C5762E	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	2CP92B	E-356-7					
58604					DF	2CKL	E-347					
58605					FF	2CP92B	E-353					
58606					X	46824A	E-346					
58607					X	2CKL	E-346					
27340					FF	46117A	E-356-1					
27341					DD	46117A	E-356-1					
27342					DF	46117A	E-346, 347					
							2PD2P11A	CONTROL POWER TO SFRCs PANEL C5792				

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27343	ESSPWR	C5792	2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	X	46117A	E-346	
31976		C5792A	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		C5798	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		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	
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	J86726	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	
31805					DD	67002C	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				
31806	ESSPWR	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	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					HH	67907A	E-416					
32100	C6709	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	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					HH	67907A	E-416					
21748	HH	67906A	E-416									
32107	C6715	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					HH	67920A	E-416					
21836					HH	67909A	E-416					
26100					CD	CD	CD	4.16KV TRANSFER SWGR CD	R		E-349-1	
31859	CDE-11B-1	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					
31884					V	37479A	E-350					
							1CY117B	CONTROL POWER TO RC3706				

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
31885	ESSPWR	CDE-11B-1	1CY117B	CONTROL POWER TO RC3706	V	1CJL	E-349-3	
31886					V	37604A	E-349-3	
31887					U	37604A	E-349-3	
31888		A	37604A	E-349-2				
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	
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				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		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	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	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	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				
27271	DD	2CPN	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
27272 27273 27274 27275 27276 27277	ESSPWR	CDF-12A-1	2CD2P20D	CONTROL POWER TO CDF11D	DD	2CED	E-356-7	
A					2CED	E-349-2,347,335		
A					2CEG	E-335		
A					2CEH	E-335		
A					2CEH	E-335		
A					27704A	E-335		
26200 26201 26202 26203 26204 26205 26206 26207 26208 26209 26210 26211 26212 26213 26214 26215 26217 26218 26219 26220 26221 26222 26223 26224 26225 26226 26227 26228 26229 26230 26231 26232 26233 26234 26235 26236 26237 26238 26239 26240 26241 26242 26243 26244 26245 26246 26247 26248 26249 26250 26251 26252 26253 26254 26255 26256 26257 26258 26259 26260 26261 26262 26263 26264 26265 26266 26267 26268 26269 26270 26271 26272	D1	2CAACD1C	AACD1 CONTROL CIRCUIT	FF	2CP15C	E-356		
DD				2CP15C	E-356			
DD				2CPN	E-356			
DD				2CPP	E-356			
DD				2CEA	E-356			
A				2CEA	E-335			
A	2CEB	E-335						
A	2CEC	E-332						
F	2CEC	E-332						
DUCT	36192B*	E-337						
Q	JB3620	E-338						
Q	36192A	E-338						
Q	36703A	E-338						
Q	2CGE	E-338						
J	36917A	E-338						
J	2CGS	E-338						
J	36170C	E-338						
DUCT	36170B*	E-337						
Q	36170A	E-338						
Q	36703A	E-338						
Q	2CGE	E-338						
FF	2CP15C	E-356						
DD	2CP15C	E-356						
DD	2CPN	E-356						
DD	2CPP	E-356						
DD	2CEA	E-356						
A	2CEA	E-335						
A	2CEB	E-335						
A	2CEC	E-332						
F	2CEC	E-332						
DUCT	36192B*	E-337, 342						
Q	JB3620	E-338						
Q	36192A	E-338						
Q	36703A	E-338						
Q	2CGE	E-338						
FF	2CP15C	E-356-8						
DD	2CP15C	E-356-8						
DD	2CPN	E-356-7						
DD	2CPP	E-356-7						
DD	2CEA	E-356-7						
A	2CEA	E-335,349-2,347						
A	2CEB	E-335						
A	2CEC	E-335						
F	2CEC	E-335						
DUCT	36189B*	E-337, 342						
Q	36189B	E-338						
Q	JB3620	E-338, 418						
Q	36189A	E-338, 418						
Q	36701A	E-338						
Q	2CGE	E-338						
FF	2CP56C	E-424						
DD	2CP56C	E-424						
DD	2CPN	E-356-7						
DD	2CPP	E-356-7						
DD	2CEA	E-356-7						
A	2CEA	E-335,349-2,347						
A	2CEB	E-335						
A	2CEC	E-335						
F	2CEC	E-335						
DUCT	36186B*	E-337, 342						
Q	36186B	E-338						
Q	JB3620	E-338, 418						
Q	36186A	E-338, 418						
Q	36701A	E-338						
Q	2CGE	E-338						
J	36917B	E-338						
J	2CGS	E-338						
J	36175C	E-338						
DUCT	36175B*	E-337						
Q	36175A	E-338						
Q	36701A	E-338						
Q	2CGE	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
26273	ESSPWR	D1	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					J	36922A	E-338	
26281					J	36917B	E-338	
26282					J	2CGS	E-338	
26283			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			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			Q	36719A	E-338			
26312			Q	36705A	E-338			
26313			Q	2CGE	E-338			
26314			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	Q	36703A	E-338, 351-2					
26329	Q	36719A	E-338, 351-2					
26330	Q	2CGE	E-338, 351-2					
26331	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	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	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					
26351	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	
26352	ESSPWR	D1	2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	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					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					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				
26390			J	36101A	E-338				
26391			J	JB3635	E-338				
26392			DUCT	36101B*	E-337				
26393			Q	36101B	E-337				
26394			J	36103A	E-338				
26395			J	JB3635	E-338				
26396			DUCT	36103B*	E-337				
26397			Q	36103B	E-337				
27319			Q	46828A	E-338				
26405A			Q	46829A	E-338				
26405B			P	46829A	E-338				
26405C			X	46829A	E-346				
26398			Q		E-338				
26399			Q		E-338				
26400			J		E-338				
26401			J		E-338				
26402			J		E-338				
26403			FF		E-353				
26404			FF		E-353				
26405			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						Y			E-346
26600			D1NA	1PD145A	DC MCC 1 TO DC MCC D1NA	Y	46067A		E-346
26601						Y			E-346
28400			D1P	1PD101A	DC MCC 1 TO 125VDC TO ES DIST PNL D1P	Y	46551A		E-346
26816						Y			E-346
26900			D1PA	1PD128A	DC MCC 1 TO DC MCC D1PA	Y	46216A		E-346
26901						Y			E-346
27000			D2	2CAD110C	AD110 CONTROL CIRCUIT	DD	2CPN		E-356-7
27001						DD	2CPP		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			

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
27007	ESSPWR	D2	2CAD110C	AD110 CONTROL CIRCUIT	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					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			Q		E-338			
27052J			Q	AACD1	BUS D1 BREAKER FROM XFMR XAC			
27052Q			Q	ABDD2	BUS D2 BREAKER FROM XFMR XBD			
27021			Q	AD103	BUS D1 CUBICLE 3			
27052R			Q	AD110	4.16KV SWGR D1 CIRCUIT BREAKER			
27022			Q		E-338			
27050D			Q	AD203	SWGR D2 CUBICLE			
27050E			Q	BCABDD2A	CNTRL CIRCUIT TO E32B/7 HAAC (BACKFEED)			
27050F			Q		E-338, 351-2			
27050G			Q		36737A			
27050H			Q		BCGL	E-338		
27050I			Q		BCGD	E-338		
27050J			Q	BCABDD2B	CNTRL CIRCUIT TO E32B/7 HAAD (BACKFEED)			
27050K			Q		36451A	E-338		
27050L			Q		36451A	E-338		
27050M			Q		36737A	E-338, 351-2		
27050N			Q		BCGL	E-338		
27050P			Q		BCGD	E-338		
27050Q			Q		BCGN	E-338		
27050R			Q		36775A	E-338		
27050S			Q	BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7			
27050T			Q		36738A	E-338, 351-2		
27050U			Q		BCGK	E-338, 351-2		
27050V			Q		BCGK	E-338, 351-2		
27050W			Q		BCGK	E-338, 349-2		
27050X			Q		BCGK	E-349-2, 347-1		
27050Y	DD		BCGK	E-356-4				
27050Z	DD		BCGL	E-356-4				
27051A	DD		BCPD	E-356-4				
27051B	DD		BCPC	E-356-4				
27051C	DD		BGP15D	E-356-8				
27051D	FF		BGP15D	E-356-8				
27051E	Q	BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7					
27051F	Q		36702A	E-338, 351-2				
27051G	Q		BCGD	E-338, 351-2				
27051H	Q		BCGN	E-338				
27051I	DUCT		36171A	E-338				
27051J	J		36171B*	E-337				
27051K	J		36171C	E-338				
27051L	J		BCGT	E-338				
27051M	J	BCABDD2E	CNTRL CIRC TO AACD1A (BACKFEED) E32B/7					
27051N	Q		36916A	E-338				
27051O	Q		36737A	E-338, 351-2				
27051P	Q		BCGL	E-338, 351-2				
27051Q	Q		BCGD	E-338, 351-2				
27051R	Q	BCABDD2F	CNTRL CIRC TO AD103 (BACKFEED) E32B/7					
27051S	Q		36702A	E-338, 351-2				
27051T	Q		36737A	E-338, 351-2				
27051U	Q		BCGL	E-338				
27051V	Q		BCGD	E-338				
27051W	Q		36704A	E-338, 351-2				
27051X	Q	BCABDD2G	CNTRL CIRC TO AD110 (BACKFEED) E32B/7					
27051Y	Q		36737A	E-338, 351-2				
27051Z	Q		BCGL	E-338				
27052A	Q		BCGD	E-338				
27052B	Q		36718A	E-338, 351-2				
27052C	Q		36702A	E-338, 351-2				
27052D	Q		BCGD	E-338				
27052E	Q		BCGL	E-338				
27052F	P		BCGL	E-338				
27052G	A		BCGL	E-338, 349-2				
27052H	A		BCGL	E-349-2, 347				
27052I	DD		BCGL	E-356-4				
27052J	DD		BCPD	E-356-4				
27052K	DD		BCPC	E-356-4				
27052L	DD		BGP15D	E-356-8				
27052M	FF		BGP15D	E-353, 356-8				
27052N	Q	BCABDD2I	CNTRL CIRC TO AD110 (BACKFEED) E32B/7					
27052O	Q		36737A	E-338, 351-2				
27052P	Q		BCGL	E-338, 351-2				
27052Q	Q		BCGD	E-338, 351-2				
27052R	Q		36718A	E-338, 351-2				
27052S	Q		36731A	E-356-2				
27052T	Q	BCAD2031A	BKR AMMETER AND TRIP AD110					
27052U	Q		BCGL	E-338				
27052V	DF		BCGL	E-338, 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		
27053D	ESSPWR	D2	BCAD2031A	BKR AMMETER AND TRIP AD110	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	BCAD2032A	SWGR D2 CONTROL CIRCUIT	FF	BCP15D	E-356-8	A
27024							FF	BCP15D	E-356-8	
27025							DD	BCP15D	E-356-8	
27026							DD	BCPC	E-356-4	
27027							DD	BCPD	E-356-4	
27028							DD	BCGL	E-356-4	
27029					A	BCGL	E-349-2			
27030					A	BCGL	E-349-2			
27031					P	BCGL	E-338			
27032					Q	BCGL	E-338			
27033					Q	36731A	E-338			
27034					Q	36480A	E-338			
27035			Q	BCGD	E-338					
27036			Q	36731A	E-338					
27037			Q	BCGL	E-338					
27038			J	36916A	E-338					
27039			J	36102C	E-338					
27040			J	BCGT	E-338					
27041			DUCT	36102B*	E-337					
27042			Q	36102	E-338					
27043			Q	BCGD	E-338					
27044			Q	36731A	E-338					
27052S			Q	BCGL	E-338					
27052T			Q	36718A	E-351-2					
27052U			Q	BCGD	E-351-2					
27052V			Q	BCGD	E-338					
27052W			Q	BCGL	E-338					
27044A			Q	36731A	E-351-2					
27044B			X	46841A	E-346					
27044C			Q	46841A	E-338					
27044D			X	46840A	E-346					
27044E			Q	46840A	E-338					
27045			Q	46840C	E-338					
27046			J		E-338					
27052P			J		E-338					
27047			FF		E-338					
27052M			FF		E-353					
27050A			FF		E-353					
27050B			Q	CABL BUS	E-410					
27050C			OS	CABL BUS	E-410					
27048			S	CABL BUS	E-410					
27052K			Q		E-338					
27052L			S		E-338					
			S		E-338					
			Q		E-338					
28504			D2N	2PD233A	DC MCC 2 TO 125VDC DIST PNL D2N	X	46770A	E-346	A	
28505						X	46770A	E-346		
27200			D2P	2CD2P10A	CONTROL POWER TO FW6460	X	46805A	E-346	A	
28500						X	46751A	E-346		
27320						X	46828A	E-346		
27345						X	46828A	E-346		
27401A			DAN	APD1N04A	125V DC CONTROL POWER TO DAN	Y	46619A	E-346	A	
27402						DAN	125VDC DIST PANEL DAN	Y		
26815	DAP	APD1P04A	125VDC CONTROL POWER TO DAP	Y	46618A	E-346	A			
27502				DAP	125VDC DIST PANEL DAP	Y			E-346	
27600	DBC1N	1PBE1235A	ES MCC E12A TO BATTERY CHARGER DBC1N	Y	46531A	E-346	A			
27601				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	A			
27701				DBC1P	BATTERY CHARGER DBC1P (CH. 1)	Y			E-346	
27800	DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	Y	36078A	E-346	A			
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	36078A	E-335				
		BE1190	DBC1PN CIRCUIT BREAKER (CH. 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
27808	ESSPWR	DBC1PN	DBC1PN	BATTERY CHARGER DBC1PN (CH. 1)	Y		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	36206A	E-335	
			BF1187	DBC2PN CIRCUIT BREAKER (CH. 2)				
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			1CAC11CEE	AC1CE11 CONTROL CIRCUIT	Y	46630A	E-346	5 D
28618					S	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			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	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	
28627A					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	

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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
28638	ESSPWR	E1	1CAC11CEF 1CAC12CED	AC1CE11 CONTROL CIRCUIT AC1CE12 CONTROL CIRCUIT	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			
28692A			DD	46056B*	E-343, 344, 356-1			
28692B			A	46056B*	E-343, 344, 356-1			
28692C			DF	46056B*	E-343, 344, 355			
28692D			X	46056B*	E-343, 344, 355			
28693			Y	46056B*	E-343, 344, 355			
28694			Y	46630A	E-346			
28695			Y	1CKA	E-346			
28696			Y	46625A	E-346			
28697			Y	1CKD	E-346			
28698			Y	1CKA	E-346			
28699			Y	36356A	E-346			
28700			S	36356A	E-338			
28701			S	1CGC	E-338			
28702			S	36511A	E-338			
28703			S	1CGZ	E-338			
28704			FF	1CP15A	E-356-8			
28704			DD	1CP15A	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				
28705	ESSPWR	E1	1CBCE12B	BCE12 CONTROL CIRCUIT	DD	1CPL	E-356-6, 356-1					
28706					DD	46055A	E-356-6, 356-1					
28707					DD	46055B*	E-343, 344, 355					
28707A					A	46055B*	E-343, 344, 355					
28707B					DF	46055B*	E-343, 344, 355					
28707C					X	46055B*	E-343, 344, 355					
28707D					Y	46055B*	E-343, 344, 355					
28708					Y	46625A	E-346					
28709					Y	1CKD	E-346					
28710					Y	36309A	E-346					
28711					S	36309A	E-338					
28712					Y	36304A	E-346					
28713					S	36304A	E-338					
26503A					Y	46647A	E-346					
26503					Y	46652A	E-346					
26504					Y	46652A	E-346					
28714					S	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	E-338					
28715					S	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	E-338					
28716					Y	480V ES SWGR BUS E1 BREAKER (CH. 1)	E-346					
28717					Y	480V ES SWGR BUS E1 BREAKER (CH. 1)	E-346					
28718					FF	USS E1 CONTROL ROOM PANEL (CH. 1)	E-353					
28719					Y	480VAC ESSEN UNIT SUB E1 (CH. 1)	E-346					
28800					E11A	E11A	1PBE107A	BE107 POWER CIRCUIT	G	46158B	E-334	
28801									G	46158B*	E-333, 334, 337	
28801A									AB	46158B*	E-337, 333, 342	
28801B									AB	46158B*	E-337, 333, 342	
28801C									G	46158B*	E-337, 333, 342	
28801D	AB	46158B*	E-337, 333, 342									
28801E	A	46158B*	E-337, 333, 342									
28801F	A	46158B*	E-337, 333, 342									
28801G	DUCT	46158B*	E-337, 333, 342									
28802	S	46158A	E-338									
28803	Y	46158A	E-346									
28804	G	46008B	E-334									
28805	G	46008B*	E-337, 333, 334									
28805A	AB	46008B*	E-333, 337, 334									
28805B	AB	46008B*	E-333, 337, 334									
28805C	A	46008B*	E-333, 337, 334									
28805D	A	46008B*	E-333, 337, 334									
28805E	DUCT	46008B*	E-333, 337, 334									
28806	Q	46008C (A)	E-338									
28807	S	46008C	E-338									
28808	Y	46008C	E-346									
28809	Y	46008C	E-346									
28810	G	46008C	E-336									
28900	E11B	E11B	1PBE1120A	BE1120 POWER CIRCUIT					V	28306A	E-350	
28901									G	28306A	E-336	
28902									G		E-336	
28903	V		E-350									
29000	E11C	E11C	1PBE1101A	BE1101 POWER CIRCUIT	V	28307A	E-350					
29001					G	28307A	E-336					
29002					G		E-336					
29003	V		E-350									
29100	E11D	E11D	1PBE1132A	BE1132 POWER CIRCUIT	G	27028C	E-335					
29101					G	27028B*	E-333					
29101A					AB	46053B*	E-333					
29101B					AB	46053B*	E-333					
29101C					AB	46053B*	E-334					
29101D					G	46053B*	E-334					
29102					G	28303A	E-336					
29103					G		E-336					
29104					G		E-335					
29200					E11E	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	DG		E-348									
29300	E12A	E12A	1PBE106A	BE106 POWER CIRCUIT					Y	46503A	E-346	
29301					Y	46504A	E-346					
29302					Y	46505A	E-346					
29303					Y		E-346					

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

FIRE HAZARD ANALYSIS
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
29304	ESSPWR	E12A	E12A	480VAC ESSEN MCC E12A (CH. 1)	Y		E-346	
29400		E12B	1PBE1224A	BE1224 POWER CIRCUIT	K	36071C	E-338	
29401					DUCT	36071B*	E-337, 341	
29402					S	36071A	E-338	
29403					Y	36071A	E-346	
29404			BE1224	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	
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)	B		E-412	
29610			JT1807	BE1234 TERMINAL BOX (CH. 1)	AB		E-412	
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	
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	
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	
30202					EE	46940A	E-413	
30202A					II	46940A	E-413	
30203					EE	46940A	E-413	
30003			BE118	MCC E16A FEEDER CIRCUIT BREAKER (CH. 1)	EE	46940A	E-413	
30004			E16A	480VAC ESSEN MCC E16A (CH. 1)	Y		E-346	
					EE		E-413	
30100		E16B	1PBE1609A	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	

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
30305	ESSPWR	F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	A	2CEA	E-335, 349-2, 347	
30306					A	2CEB	E-335	
30307					A	2CEC	E-335	
30308					F	2CEC	E-335	
30309					DUCT	361868*	E-337, 342	
30310					Q	361868	E-338	
30311					Q	J83620	E-338, 418	
30312					Q	36186A	E-338, 418	
30313					Q	36711A	E-338	
30314					Q	2CGE	E-338	
30315					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			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	361868*	E-337, 342			
30331			Q	361868	E-338			
30332			Q	J83620	E-338, 418			
30333			Q	36186A	E-338, 418			
30334			Q	36711A	E-338			
30335			Q	2CGE	E-338			
30336			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	361898*	E-337, 342			
30346			Q	361898	E-338			
30347			Q	J83620	E-338, 418			
30348			Q	36189A	E-338, 418			
30349			Q	36707A	E-338			
30350			Q	2CGE	E-338			
30351			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			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	361898*	E-337, 342			
30367			Q	361898	E-338			
30368			Q	J83620	E-338, 418			
30369			Q	36189A	E-338, 418			
30370			Q	36707A	E-338			
30371			Q	2CGE	E-338			
30372			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			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			
30378			2CBDF11B	BDF11 CONTROL CIRCUIT				

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/TP			
30384	ESSPWR	F1	2CBDF11B	BDF11 CONTROL CIRCUIT	X	46714A	E-346				
30385				2CBDF12A	BDF12 CONTROL CIRCUIT	X	46718A	E-346			
30386						X	2CKL	E-346			
30387						X	36728A	E-346			
30388						X	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						2PAD12DFA	AD1DF12 POWER CIRCUIT	Q	36404A	E-338	
30400								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								DF	46700B	E-346, 347	
30503								X	46700B	E-346	
30504								X	46700B	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								V		E-347	
30603					F11B	MCC F11B FEEDER CIRCUIT BREAKER (CH. 2) 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						DF	47021A	E-347			
30704			F11C	MCC F11C FEEDER CIRCUIT BREAKER (CH. 2) 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						DF	47200A	E-347			
30805			F11D	MCC F11D FEEDER CIRCUIT BREAKER (CH. 2) 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	18215B	E-349-2			
30906						A	J83713	E-349-2			
30907						A	18215A	E-349-2			
30908						DF	18215A	E-347			
30909					F11E	MCC F11E FEEDER CIRCUIT BREAKER (CH. 2) 480VAC ESSEN MCC F11E (CH. 2)	DF		E-347		
31000		F12A	2PBF1144A	BF114 POWER CIRCUIT	X	46703A	E-346				
31001						X	46704A	E-346			
31002						X		E-346			
31003					F12A	MCC F12A FEEDER CIRCUIT BREAKER (CH. 2) 480VAC ESSEN MCC F12A (CH. 2)	X		E-346		
31100		F12B	2PBF1206A	BF1206 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	46094B*	E-337, 343			
31103						X	46094A	E-346			
31104					F12B	MCC F12B FEEDER CIRCUIT BREAKER (CH. 2) 480VAC ESSEN MCC F12B (CH. 2)	X		E-346		
31200		F12C	2PBF1202A	BF1202 POWER CIRCUIT	BF	36158F	E-360, 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				
31201	ESSPWR	F12C	2PBF1202A	BF1202 POWER CIRCUIT	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					X		E-361					
31209					BF		E-361					
31300					F12D	2PBF1278A	BF1278	BF1278 POWER CIRCUIT	BF	30492A	E-361	
31301									BF		E-361	
31302									BF		E-361	
31400	F14	2PBF110A	BF110	BF110 POWER CIRCUIT	X	46705A	E-346					
31401					X		E-346					
31402					X		E-346					
31500	F15	2CBF105B	BF105	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					X	46746A	E-346					
31508					X		E-346					
31509					X		E-346					
31510					F16A	2PBF118A	BF118A	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	AD2DF7	BCAD2DF7D	480VAC SWGB BUS F7 FDR CIRCUIT BREAKER	Q		E-337					
31663					Q		E-337					
31603					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	BGP15D	E-356-8					
31612					DD	BGP15D	E-356-8					
31613					FF	BGP15D	E-356-8					
31614					Q	36435A	E-351					
31615					Q	BCGL	E-338					
31616					Q	BCGD	E-338					
31617					Q	BCGN	E-338					
31618					P	BCGN	E-338					
31619					P	BCVL	E-338					
31620					II	BCVL	E-338, 313					
31621					II	BCVB	E-313, 314					
31622					II	34301A	E-314					
31623					Q	36436A	E-351					
31624					Q	BCGK	E-338					
31625					P	BCGK	E-338					
31626					A	BCGK	E-338, 349-2					
31627					A	BCGK	E-349-2					
31628					A	BCGL	E-349-2, 356-4					
31629					DD	BCPD	E-356-4					
31630					DD	BCPC	E-356-4					
31631					DD	BGP15D	E-356-8					
31640					FF	BGP15D	E-356-8					
31641					Q	36435A	E-351					
31642					Q	BCGL	E-338					
31643					Q	BCGD	E-338					
31644					Q	BCGN	E-338					
31645					P	BCGN	E-338					
31646					II	BCVL	E-338					
31647					II	BCVB	E-313, 314					
31648					II	34301A	E-314					
31649					II	34301A	E-314					
31650					II	BCVB	E-314					
31651					II	BCVK	E-314, 349-1, 308					
31652					II	BCWF	E-318					
31653					DD	BCPR	E-356-4					
31654					DD	BCPC	E-356-4					
							DD	BGP15D	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		
31655	ESSPWR	F7	BC8DF7B BCBF7A	BDF7 CONTROL CIRCUIT	FF	BCP15D	E-353			
31632				BDF7 CONTROL CIRCUIT	II	34301A	E-314			
31633				II	BCVB	E-314				
31634				II	BCVK	E-314, 349-1				
31635				II	BCNF	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		E-314		
31601						II	36434A	E-314		
31602						S	36434A	E-338		
31670A				BPDBN11A	DC CONT PWR TO F7 FOR MDFP AUX LO PUMP	Q	36434A	E-349		
31670B						X	46798A	E-346, 346-1		
31670C						X	46798A	E-346-1		
31670D						X	46797B*	E-346-1		
31670E						II	46797B*	E-346-1		
31670F						II	JB4680	E-346-1		
31670G				BPDBP11A	ALT DC CNTRL TO F7 FOR MDFP AUX LO PUMP	II	46797C	E-314, 349-1		
31670H						X	46798A	E-346, 346-1		
31670I						X	JB4679	E-346		
31670J						X	46797B*	E-346		
31670K						II	46797B*	E-346		
31670L						II	JB4680	E-346		
31658				C5715	F7 CONTROL PANEL (CH B)	II	46797C	E-346		
31662						FF		E-353		
31670M				DBN	125 VDC DISTRIBUTION PANEL	FF		E-353		
31670P				DBP	125 VDC DISTRIBUTION PANEL	X		E-346		
31660				F7	480VAC UNIT SUBSTATION	X		E-346		
31657				XDF7	480VAC USS F7 XFMR	II		E-314		
						II		E-314		
31702				F71	MCC F7 CIRCUIT BREAKER (CH B)	II		E-314		
31700				BF707	POWER FEEDER TO F71	II	34128A	E-314		
31701				BPBF707A 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				
26620				A	46053B*	E-343, 344, 356-1				
26621				DF	46053B*	E-343, 344, 356-1				
26622				X	46053B*	E-343, 344, 356-1				
26623				X	46053B*	E-343, 344, 356-1				
26624				Y	46053B*	E-343, 344, 356-1				
26625				Y	1CKD	E-346				
26626				Y	46615A	E-346				
26627				Y	1CKA	E-346				
26628		1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347				
26629				CC	27122A	E-347				
26630				UU	27122A	E-349-1				
26631				A	37800A	E-349-1				
26632				A	37805A	E-349-2				
26633				V	37805A	E-349-3				
				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-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26634	ESSPWR	RC3601	1CD1P21B	CONTROL POWER TO RC3601	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	J83607	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		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	DF				2CKM	E-346		
27347J	X		2CKM	E-346				
27347K	X		46805A	E-346				
27347L	A		36810A	E-349-2				
27347M	P		36810A	E-338				
27347N	R		36810A	E-338				
27347O	Q		36810A	E-338				
27347P	Q		36413B	E-338				
27347Q	Q		2CGE	E-338				
27347R	Q		36201A	E-338				
27347S	Q		36413B	E-338				
27347T	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		
26737		Y	1CKA	E-346				
26738		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				

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26751	ESSPWR	RC3607	1CD1P21B	CONTROL POWER TO RC3601	E	1CEB	E-335	
26752					DUCT	36082B*	E-337, 342	
26753					S	36082B	E-338	
26754					S	J83607	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	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	2CEA	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			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	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	

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
31930 31931	ESSPWR	RC3715	ACDAP28B	CONTROL POWER TO RC1760	A A	ACDD 17359A	E-335 E-335		
27112 27113 27114 27115 27116 27117 27118 27119 27120 26970 26971 26972 26973 26974 26975 26976 26977 26978 26979 26980 26981 26982 26985 26986 26987 26989 26990 26991 26983 26984		RC3716	2CD2N16A	CONTROL POWER TO RC3716 (PORV)	X X DF DD DD DD CC U U X X X Q Q Q P P P A A A A A A A U U U A X	46966A 2CKM 2CKM 2CKM 2CPN 2CEV 2CEV 2CEV 37823A 46272A BCKP 46851A 46851A BCGD BCGL BCGL 36852A BCGM BCGM BCGM BCJD 37482B 37482B BCJD BCHD BCHD 37699A	E-346 E-346, 347 E-346, 347 E-347, 356 E-356 E-356 E-356 E-356 E-356 E-356 E-356 E-346 E-346 E-346 E-338 E-338 E-338 E-338 E-338 E-338 E-349-2 E-349-2 E-349-2 E-349-2 E-349-2 E-349-2 E-349-2 E-349-2 E-349-3 E-349-3 E-349-2 E-346	2 2	D D
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	
26815A 26815B 26815C 26815D 26815E 26815F		RC4801	1PD1P.12A	DC CONT POWER TO RC4801 (MUSV6407)	DG EE EE Y Y Y	46796B 46796B 46796A 46796A JB4615 46752A	E-348 E-413, 414, 417 E-413 E-346-1 E-346-1 E-346-1		
27403 27403A 27403B 27403C 27403D 27403E 27403F		RC4802	APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	Y Y Y EE V V V	46346C JB4608 46346B 46346B 46346B JB4813 48430A	E-346-1 E-346-1 E-346-1 E-413, 414, 417 E-348 E-348 E-348		
31705D 31705F 31705A 31705B 31705C 31705E		XAC01	AACD1 C2 CABLEBUS	BUS D1 BREAKER FROM XFMR XAC BUS C2 BACKFEED D1 POWER CABLE FROM AACD1	Q S S Q OS OS	CABL BUS CABL BUS CABL BUS	E-410 E-410 E-410 E-410 E-410 E-410		
31993 31994 31995 26793 31996 33200 31999A 31999		Y1	1PBE1616A 1PD1P03A 1PX1A 1PYV1A XY1 Y1	ALT PWR CONST VOLTAGE TRANSFRMR XY1(CH 1) POWER TO YV1(INTERNAL) ALT PWR VIA STATIC/MANUAL SWITCH INVERTER YV1 TO INST DIST PNL Y1 ESSEN POWER TO Y1/Y1A ESSEN 120VAC INST DIST PNL Y1 (CH. 1)	Y II EE Y Y Y Y	56313A 56313A 56313A Field 56313B 46653A	E-346 E-413 E-413 E-346 E-343 E-346 E-346	4 A 4 A 4 A 4 A	
32059 32060		Y1A	1PYV1B Y1A	INVERTER YV1 TO DISP PANEL Y1A ESSEN DIST PANEL Y1A (CH. 1)	Y Y	46939B	E-346-1 E-346-1		
32192A 27318 32192B 32210A 33300 32201A		Y2	2PBF1624A 2PD2P03A 2PX1Y2A 2PX1Y2B 2PYV2A XY2	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	X X X X X X	46277A Field 46277C 46277B 46799A	E-346 E-346 E-346 E-346 E-346 E-346	4 A 4 A 4 A 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
32201	ESSPWR	Y2	Y2	ESSEN 120VAC INST DIST PNL Y2 (CH. 2)	X		E-346	
32338		Y2A	2PYV2B	INVERTER YV2 TO INST DIST PNL Y2A	X	46938B	E-346-1	
32339		Y2A	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			3PX3A	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	
32700		Y3602	8PYBU05A	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			4PX4A	ALT PWR VIA STATIC/MANUAL SWITCH	X	46278B	E-346	4 A
33500			4PYV4A	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 XYE2A (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	
27219					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	

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			
33907	HP1S	HPO2B	2CBF1141E	MVHP02B CONTROL CIRCUIT	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						A	27429A	E-335			
33925				2PBF1141A	MVHP02B POWER CIRCUIT	A					
33926				BF1141	MVHP02B CIRCUIT BREAKER (CH. 2)	A					
33927				C5756C	MVHP02B CONTROL ROOM PANEL (CH. 2)	FF					
33928				CDF-11C	MVHP02B DISCONNECT SWITCH (CH. 2)	A					
33929				EVHP02B	MVHP02B TERMINAL BOX (CH. 2)	A					
33930				MVHP02B	HPI LINE 2-2 DISCH ISO VLV (CH. 2)	A					
33930				MVHP02B	MVHP02B LOCAL CONTROLLER (CH. 2)	A					
34000		HPO2C	HPO2C	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				1PBE1103A	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				CDE-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			MVHP02C	MVHP02C LOCAL CONTROLLER (CH. 1)	AB		E-336				
34100	HPO2D	HPO2D	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			
34112						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				

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		
34117	HPIS	HP02D	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					AB		E-336			
34130					FF	BE1105	MVHP02D CIRCUIT BREAKER (CH. 1)			
34131			FF	C5716	MVHP02D CONTROL ROOM PANEL (CH. 1)					
34132			FF	C5763C	MVHP02D CONTROL ROOM PANEL (CH. 1)					
34133			V	CDE-11A	MVHP02D DISCONNECT SWITCH (CH. 1)					
34134			AB	EVHP02D	MVHP02D TERMINAL BOX (CH. 1)					
			AB	MVHP02D	HPI LINE 1-2 DISCH ISO VLV (CH. 1)					
			AB	MVHP02D	MVHP02D LOCAL CONTROLLER (CH. 1)					
34200			HP31	HP31	2CBF1194B 2CBF1194C	MVHP31 CONTROL CIRCUIT 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							G	27703B	E-335, 418	
34206					G	J82729	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	J82729			E-335					
34220	G	27703B			E-335, 418					
34220A	A	18424A			E-332					
34220B	AB	18424A			E-332, 412					
34221	B	18424A			E-412					
34222	A	18225B			E-332					
34223	A	18225A			E-332					
34224	AB	18225A			E-412, 332					
34225	B	18225A			E-412					
34226	B				E-412					
34227	G	BF1194			MVHP31 CIRCUIT BREAKER (CH. 2)					
34228	A	CDP-11D			MVHP31 DISCONNECT SWITCH (CH. 2)					
34229	A	EVHP31			MVHP31 TERMINAL BOX (CH. 2)					
	A	MVHP31			HPI PUMP 1-2 RECIRC ISO VLV (CH. 2)					
	A	MVHP31	MVHP31 LOCAL CONTROLLER (CH. 2)							
34300	HP32	HP32	1CBE1286B 1CBE1286C	MVHP32 CONTROL CIRCUIT 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			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					
34320			V	38071B	E-350, 349-3					
34321			AB	18230A	E-412					
34322			B	18230A	E-412					
34323			B		E-412					
34323A			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/TP			
34324	HPIS	HP32	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		1CBE1296B	MP1971 CONTROL CIRCUIT	B	18360A	E-412				
34401					AB	18360A	E-412				
34403				1CBE1296C	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	J83607	E-338, 418			
34408						S	36084B	E-338			
34409						S	36084B*	E-337			
34410						DUCT		E-335			
34411						E	1CEC	E-335			
34412						A	1CEC	E-335			
34413						A	27115	E-335			
34413A						A	27115A*	E-333, 339			
34413B						II	27115A*	E-333, 339			
34414						UU	27115A*	E-333, 339			
34414A						CC	27115B*	E-339, 344, 356			
34414B						II	27115B*	E-339, 344, 356			
34414C						DD	27115B*	E-339, 344, 356			
34415						DD	1CPL	E-356-6			
34416						DD	27115C	E-356-1			
34417						DD	1CJM	E-356-1			
34418						CC	1CJM	E-347			
34419						U	1CJM	E-349-3			
34420						V	1CJM	E-349-3, 350			
34421						V	1CFF	E-350			
34422						G	1CFF	E-336			
34423						G	18362A	E-336			
34424						B	18362A	E-412			
34425					1PBE1296A	MP1971 POWER CIRCUIT	AB	18362B	E-412		
34426						B	18361A	E-412			
34427					AC111	MP1971 CIRCUIT BREAKER (INTLK) (CH. 1)	AB	18361A	E-412		
34428					BE1296	MP1971 CIRCUIT BREAKER (CH. 1)	S		E-338		
34429					MP1971	HPI PUMP 1-1 AC LUBE OIL PUMP (CH. 1)	B		E-412		
34430					NP1971	MP1971 LOCAL CONTROLLER (CH. 1)	AB		E-412		
34500			P197-2		1CD106B	MP1972 CONTROL CIRCUIT	AB		E-412		
34501								Y	46281A	E-346	
34502								Y	1CKA	E-346	
34502A								Y	46058B*	E-343, 344, 356-1	
34502B								X	46058B*	E-343, 344, 355	
34502C								DF	46058B*	E-343, 344, 355	
34502D								A	46058B*	E-343, 344, 355	
34503								DD	46058B*	E-343, 344, 355	
34504								DD	46058A	E-356-1, 356-6	
34505								DD	1CPM	E-356-1, 356-6	
34506								DD	1CPT	E-356-6	
34507								DD	1CPL	E-356-6	
34508						DD	1CJM	E-356-6			
34509						CC	1CJM	E-347			
34510						U	1CJM	E-349-3			
34511						V	1CJM	E-350, 349-3			
34512						V	1CFF	E-350			
34513						G	1CFF	E-336			
34514						G	18362A	E-336			
34515						AB	18362E	E-412			
34516						AB	18362C	E-412			
34517					1CD106C	MP1972 CONTROL CIRCUIT	AB	18362A	E-412		
34518						S	36521A	E-338			
34519						S	1CGZ	E-338			
34520						S	1CGC	E-338			
34521						S	36356B	E-338			
34522						Y	36356B	E-346			
34523						Y	46281A	E-346			
34524					1CD106D	MP1972 CONTROL CIRCUIT	Y	1CKA	E-346		
34525						Y	46281A	E-346			
34526						Y	1CKA	E-346			
34526A						Y	46058B*	E-343, 344, 356-1			
34526B						X	46058B*	E-343, 344, 355			
34526C						DF	46058B*	E-343, 344, 355			
34526D						A	46058B*	E-343, 344, 355			
34527						DD	46058B*	E-343, 344, 355			
34528						DD	46058A	E-356-1, 356-6			
34529						DD	1CPM	E-356-1, 356-6			
						DD	1CPT	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				
34530	HPIS	P197-2	1CD106D	MP1972 CONTROL CIRCUIT	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	1CFF	E-350					
34536					G	1CFF	E-336					
34537					G	18362A	E-336					
34538					AB	18362D	E-412					
34539					AB	18362C	E-412					
34540					AB	18362A	E-412					
34541					A	47060D	E-332					
34542					AB	47060D	E-332, 412					
34543					A	47060C*	E-332, 333, 330					
34543A					A	47060C*	E-330, 333, 339					
34543B					II	47060C*	E-330, 333, 339					
34543C					A	47060C*	E-330, 333, 339					
34544		A	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		S		E-338								
34550		Y		E-346								
34551		AB		E-412								
34552		AB		E-412								
34553		AB		E-412								
34600		P198-1	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	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	X		47062A	E-346								
34618A	DF		47062A	E-346, 347								
34619	DF		47062B*	E-344								
34620	II		47062B*	E-339, 344								
34620A	II		47062C*	E-330, 333, 339								
34620B	A		47062C*	E-333, 333, 339								
34620C	A		47062C*	E-333, 333, 339								
34621	A		47062C*	E-333, 333, 339								
34622	A		47062D	E-332								
34623	A		47062E	E-332								
34624	Q			E-332								
34625	X			E-338								
34626	X			E-346								
34627	A			E-332								
34628	A			E-332								
34700	P198-2		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					
34708		A				JB1738	E-332					
34709		A				Nipple	E-332					
34710		X				46283A	E-346					
34711		X				2CKM	E-346					
34712		X				46892D	E-346					
34629		P198-1				P198-1	2CBF1231C	MP1981 CONTROL CIRCUIT	X	46325A	E-346	
34630									X	2CKM	E-346	
34631									X	46892D	E-346	
34632									X	2CKL	E-346	
34633	X		46345A	E-346								
34634	Q		46345A	E-338								
34635	Q		36721A	E-338								
34636	X		2CGE	E-338								
34637	X		47062A	E-346								
34638	DF		47062A	E-346, 347								
34639	DF	47062B*	E-344									
34640	II	47062B*	E-339, 344									
34641	II	47062C*	E-330, 333, 339									
34642	A	47062C*	E-333, 333, 339									
34643	A	47062C*	E-333, 333, 339									
34644	A	47062C*	E-333, 333, 339									
34645	A	47062D	E-332									
34646	A	47062E	E-332									
34647	Q		E-332									
34648	X		E-338									
34649	X		E-346									
34650	A		E-332									
34651	A		E-332									

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	
34713	HPIS	P198-2	2CD206C	MP1982 CONTROL CIRCUIT	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		Q		E-338					
34734		X		E-346					
34735		A		E-332					
34736		A		E-332					
34737		A		E-332					
34800		P58-1	P58-1	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			
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	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						
34844	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						

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			
34850	HPIS	P58-1	1CAC111F	MP0581 CONTROL CIRCUIT	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						S		E-338			
34856A					AC111	MP0581 CIRCUIT BREAKER (CH. 1)	FF		E-353		
34857					C5716	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
34858					C5763C	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353		
34859					MP0581	HPI PUMP 1-1 (CH. 1)	AB		E-412		
34859					MP0581	MP0581 LOCAL CONTROLLER (CH. 1)	AB		E-412		
34900		P58-2	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	J83620	E-338, 418		
34912							Q	36189A	E-338, 418		
34913							Q	36721A	E-338, 351-2		
34914				Q	2CGE	E-338					
34915				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	J83620	E-338, 418					
34927				Q	36189A	E-338, 418					
34928			Q	36721A	E-338, 351-2						
34929			Q	2CGE	E-338						
34930			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			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	J83620	E-338, 418						
34950			Q	36189A	E-338, 418						
34951			Q	36721A	E-338, 351-2						
34952			Q	2CGE	E-338						
34953			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		Q		E-338							
34959		FF		E-353							
34960		A		E-332							
34961		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				

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		
37021	HVAC	C100	ACBE1203B	TRAVEL SCREEN AREA VENT.(B/U SW PUMP RM)	BD	JB3053 30843F 30842E 30842E JB3051 30842D	E-361			
37022			BD	E-361						
37015			BE	E-361						
37016			BD	E-361						
37017			BD	E-361						
37018			BD	E-361						
37023			BE	E-361						
37025			BD	E-361						
37024			BD	E-361						
					BE12D BSW100 MC0100		MC0100 CIRCUIT BREAKER DISCONNECT SWITCH FOR C100 MC0100 LOCAL CONTROLLER	BE BD BD		E-361
35001	C133	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			X	46732C	E-346					
35006			X	46732A	E-346					
35007			X	46729A	E-346					
35008			X	2CKM	E-346					
35000			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			X		E-346					
35014			X		E-346					
35015			X		E-413					
35016			X		E-346					
					BF1204 FTS5315 MC0133 MC0133	MC0133 CIRCUIT BREAKER (CH. 2) MC0133 TEMPERATURE SWITCH (CH. 2) LOW VOLTAGE SWGR RM VENT FAN 1-2 (CH. 2) MC0133 LOCAL CONTROLLER (CH. 2)	X X X X		E-346 E-346 E-413 E-346	
35100			C25-1	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	K	36960A			E-338					
35105	K	36958A			E-338					
35106	K	1CGP			E-338					
35107	K	36975A			E-338					
35108	K	36958A			E-338					
35109	K	1CGP			E-338					
35110	K	36956A			E-338					
35111	K				E-338					
35112	K				E-338					
35113	K				E-338					
35114	K				E-338					
35115	K		E-338							
35200	C25-2	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			K	36960A	E-338					
35205			K	36958A	E-338					
35206			K	1CGP	E-338					
35207			K	36975A	E-338					
35208			K	36958A	E-338					
35209			K	1CGP	E-338					
35210			K	36957A	E-338					
35211			K		E-338					
35212			K		E-338					
35213			K		E-338					
35214			K		E-338					
35215	K		E-338							
35300	C25-3	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			J	36915A	E-338					
35305			J	36900A	E-338					
35306			J	2CGS	E-338					
35307			J	36909A	E-338					
35308			J	36900A	E-338					
35309			J	2CGS	E-338					
35310			J	36902A	E-338					
35311			J		E-338					
35312			J		E-338					
35313			J		E-338					
35314			J		E-338					
35315	J		E-338							
35400	C25-4	C25-4	2CBF1256B	MC0254 CONTROL CIRCUIT	J	36925B	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
35401	HVAC	C25-4	2CBF1256B	MC0254 CONTROL CIRCUIT	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					J	36909A	E-338	
35408					J	36900A	E-338	
35409					J	2CGS	E-338	
35410					J	36901A	E-338	
35411					J	2PBF1256A	MC0254 POWER CIRCUIT	
35412					J	BF1256	MC0254 CIRCUIT BREAKER (CH. 2)	
35413					J	C3622	MC0254 ENGINE CTRL PANEL (CH. 2)	
35414					J	MC0254	EDG RM 2 VENTILATION FAN 4 (CH. 2)	
35415					J	MC0254	MC0254 LOCAL CONTROLLER (CH. 2)	
			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				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		
36016				G	1CDB	E-335		
36017				G	27142A	E-335		
36019				A	27142A	E-335		
36020				A	1CEB	E-335		
36021				E	1CEB	E-335		
36022				DUCT	36079B*	E-337, 342		
36023				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		
36028				S	36357A	E-346		
36029				Y	46542A	E-346		
36030				Y	1CKA	E-346		
36031				Y	46535A	E-346		
36032				Y	1CBE1217A	E-346		
36033				Y	BE1217	E-346		
36034				Y	FTS5318	E-346		
36035				Y	MC0711	MC0711 CIRCUIT BREAKER (CH. 1)		
36036				Y	MC0711	MC0711 TEMPERATURE SWITCH (CH. 1)		
		MC0711	LOW VOLTAGE SWGR RM VENT FAN 1-1 (CH. 1)					
		MC0711	MC0711 LOCAL CONTROLLER (CH. 1)					
		RC3801	MC0711 RELAY CABINET (CH. 1)	AB		E-346		
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				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		
36121				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				E	27295A	E-335		
					1PBE1222A	MC0731 POWER CIRCUIT		

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	
36127	HVAC	C73-1	1PBE1222A	MC0731 POWER CIRCUIT	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		E	BE1222	MC0731 CIRCUIT BREAKER (CH. 1)	E-335				
36140		E	FTS5135	MC0731 TEMPERATURE SWITCH (CH. 1)	E-335				
36140		E	MC0731	AUX FD PUMP RM VENT FAN 1-1 (CH. 1)	E-335				
36141		E	MC0731	MC0731 LOCAL CONTROLLER (CH. 1)	E-335				
36200		C73-2	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	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	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		36180A	E-338, 418					
36236	X		36180A	E-346					
36237	X		JB3680	E-346					
36238	X	36180D	E-346						
36239	X		E-346						
36240	F	BF1205	MC0732 CIRCUIT BREAKER (CH. 2)	E-335					
36241	F	FTS5136	MC0732 TEMPERATURE SWITCH (CH. 2)	E-335					
36241	F	MC0732	AUX FD PUMP RM VENT FAN 1-2 (CH. 2)	E-335					
36242	F	MC0732	MC0732 LOCAL CONTROLLER (CH. 2)	E-335					
36500	C78-1	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					
36513		K	36040C	E-338					
36514		K	36953A	E-338					
36515		K	1CGP	E-338					
36516		Y	46369A	E-346					
36516			1CBE1285C	MC0781 CONTROL CIRCUIT					

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
36517	HVAC	C78-1	1CBE1285C	MC0781 CONTROL CIRCUIT	Y	46369A	E-346		
36518					Y	1CKA	E-346		
36519					Y	36357A	E-346		
36520					S	36357A	E-338		
36522					S	1CGC	E-338		
36523					S	36040A	E-338		
36524					DUCT	36040B*	E-337, 341		
36525					K	36040B	E-338		
36526					K	JB3637	E-338		
36527					K	36040C	E-338		
36528					K	36953A	E-338		
36529					K	1CGP	E-338		
36530					Y	46240A	E-346		
36531					Y	36042	E-346		
36532					Y	36042	E-346		
36533					S	36042	E-338		
36534					S	36042A	E-338		
36535					DUCT	36042B*	E-337, 341		
36536		K	36042B	E-338					
36537		K	36042C	E-338					
36538		K		E-338					
36539		Y		E-346					
36540		Y		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	46275A	E-346	
36606						X	2CKL	E-346	
36607						X	36729A	E-346	
36608						Q	36729A	E-338	
36609						Q	2CGE	E-338	
36610						Q	36175A	E-338	
36611						DUCT	36175B*	E-337	
36612						J	36175C	E-338	
36613						J	36905A	E-338	
36614						J	2CGS	E-338	
36615	X					46275A	E-346		
36616	X					46275A	E-346		
36617	X					46241A	E-346		
36618	X		JT4616	E-346					
36619	X		2CKL	E-346					
36620	X		36729A	E-346					
36621	Q		36729A	E-338					
36622	Q		2CGE	E-338					
36623	Q		36175A	E-338					
36624	Q		36175B	E-337					
36625	J		36175B	E-337					
36626	J		36175C	E-338					
36627	J		36905A	E-338					
36628	J		2CGS	E-338					
36629	X		36368A	E-346					
36630	X		36368A	E-346					
36631	Q		36368A	E-338					
36632	J		36368A	E-338					
36633	J		36368A	E-338					
36634	J			E-338					
36635	X			E-346					
36700	C99-1		C99-1	1CBE1212B	MC9901 CONTROL CIRCUIT	BF	30620D	E-361	
36701						BF	30620F	E-361	
36702		BE				30620F	E-361		
36703		BF				30620E	E-361		
36704		BF				30620F	E-361		
36705		BE				30620F	E-361		
36706		BF	30620C	E-361					
36707		BE	30620C	E-361					
36708		BE	30620C	E-361					
36709		BE	30620A	E-361					
36710		BE		E-361					
36711		BF		E-361					
36712	BF		E-361						
36800	C99-2	C99-2	1CBE1205B	MC9902 CONTROL CIRCUIT	BF	30620D	E-361		
36801					BF	30620F	E-361		
36802					BE	30620F	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
36806	HVAC	C99-2	1PBE1205A	MC9902 POWER CIRCUIT	BE	30620B	E-361	
36807			BE	30620A	E-361			
36808		BE		E-361				
36809		BE		E-361				
36810		BF		E-361				
36811		BF		E-361				
36900		C99-3	2CBF1211B	MC9903 CONTROL CIRCUIT	BF	30849D	E-361	
36901				BF	30849F	E-361		
36902			BF	30849E	E-361			
36903			BF	30849F	E-361			
36904			BF	30849C	E-361			
36905	BF		30849A	E-361				
36906	BF			E-361				
36907	BF			E-361				
36908	BF			E-361				
36909	BF			E-361				
37000	C99-4	2CBF1236B	MC9904 CONTROL CIRCUIT	BF	30849D	E-361		
37001			BF	30849F	E-361			
37004		BF	30849B	E-361				
37005		BF	30849A	E-361				
37006		BF		E-361				
37007		BF		E-361				
37008	BF		E-361					
37009	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	J83053	E-361			
37203			BD	30550A	E-361			
37204			BD	30550B	E-361			
37205	BD		E-361					
37206	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	J83053	E-361			
37213			BD	30550A	E-361			
37214			BD	30550C	E-361			
37215	BD		E-361					
37216	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		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		Y		E-346				
37316		K		E-338				
37400		HV5305A	1CBE1240B	MV5305A CONTROL CIRCUIT	Y	46203A	E-346	
37401				Y	1CKA	E-346		
37403	Y		46546A	E-346				
37404	Y		46204A	E-346				
37405	Y		1CKA	E-346				
37406	Y		46203A	E-346				
37407	Y		Nipple	E-346				
37408	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					
37415	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					

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	
37417B	HVAC	HV5305A	1CBE1240E	MV5305A CONTROL CIRCUIT	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			Y	46201D	E-346				
37422			Y	46201C	E-346				
37423			Y	46201A	E-346				
37424			Y		E-346				
37425		BE1240	MV5305A CIRCUIT BREAKER (CH. 1)	Y	E-346				
37426		EV5305A	MV5305A TERMINAL BOX (CH. 1)	Y	E-346				
37427		MV5305A	LOW VOLT SWGR RM 429 VENT DAMPER	Y	E-346				
37428		MV5305A	MV5305A LOCAL CONTROLLER (CH. 1)	Y	E-346				
		RC3801	MV5305A RELAY CABINET (CH. 1)	AB	E-350				
37500		HV5305B	HV5305B	1CBE1241B	MV5305B CONTROL CIRCUIT	Y	46203A		E-346
37501						Y	46546A		E-346
37502						Y	1CKA		E-346
37503			1CBE1241C	MV5305B CONTROL CIRCUIT	Y	46204B	E-346		
37504					Y	46203A	E-346		
37505			1CBE1241D	MV5305B CONTROL CIRCUIT	Y	1CKA	E-346		
37506					Y	Nipple	E-346		
37416A			1CBE1241E	MV5305B CONTROL CIRCUIT	A	46051B*	E-343, 344, 355		
37416B	DF				46051B*	E-343, 344, 355			
37416C	X		MV5305B CONTROL CIRCUIT	X	46051B*	E-343, 344, 355			
37416D				Y	46051B*	E-343, 344, 355			
37507	AB		46051B*	E-343, 344, 355					
37508	AB		38132A	E-350					
37509	AB		1CJP	E-350					
37510	V		1CJP	E-350					
37511	V		1CJM	E-349-3, 350					
37512	U		1CJM	E-349-3					
37513	CC		1CJM	E-347					
37514	DD		1CJM	E-356-6					
37515	DD		1CPL	E-356-1, 356-6					
37516	DD		46051A	E-356-1, 356-6					
37516A	DD		46051B*	E-343, 344, 355					
37516B	A		46051B*	E-343, 344, 355					
37516C	DF		46051B*	E-343, 344, 355					
37516D	X		46051B*	E-343, 344, 355					
37517	Y		46051B*	E-343, 344, 355					
37518	Y		1CKD	E-346					
37519	Y		46546A	E-346					
37520	Y		1CKA	E-346					
37521	Y		46201E	E-346					
37522	Y		46201C	E-346					
37523	Y		46201A	E-346					
37524	Y		E-346						
37525	BE1241	MV5305B CIRCUIT BREAKER (CH. 1)	Y	E-346					
37526	EV5305A	MV5305B TERMINAL BOX (CH. 1)	Y	E-346					
37527	MV5305B	LOW VOLT SWGR RM 429 VENT DAMPER	Y	E-346					
	MV5305B	MV5305B LOCAL CONTROLLER (CH. 1)	Y	E-346					
	RC3801	MV5305B RELAY CABINET (CH. 1)	AB	E-350					
37600	HV5314	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					EE	36899A	E-413		
37613					X	36899A	E-346		
37614					P	36899A	E-338		
37615					K	36899A	E-338		
37616					J	36899A	E-338		
37617					EE		E-413		
37618	J		E-338						
37700	HV5314A	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					X	46205A	E-346		
37706					X	Nipple	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	
37707	HVAC	HV5314A	2PBF1239A BF1239 EV5314A MV5314A MV5314A	MV5314A POWER CIRCUIT	X	46955A	E-346		
37708				MV5314A CIRCUIT BREAKER (CH. 2)	X		E-346		
37709				MV5314A TERMINAL BOX (CH. 2)	X		E-346		
37710				LOW VOLT SWGR RM 428 VENT DAMPER	X		E-346		
37711				MV5314A LOCAL CONTROLLER (CH. 2)	X		E-346		
37800		HV5329A	HV5329A	1CYE101B	MV5329A CONTROL CIRCUIT	K	36360C 36360A 36366A 1CGP 36975A	E-338	
37801					K	E-338			
37802					K	E-338			
37803					K	E-338			
37804					K	E-338			
37805			1CYE101C	MV5329A CONTROL CIRCUIT	K	36366A	E-338		
37806				K	1CGP	E-338			
37807				K	36583A	E-338			
37808				K	36583E	E-338			
37809				K	36583G	E-338			
37810	1LGD109A		MV5329A INSTR CIRCUIT (LTE5329 INTLK)	K	36583C	E-338			
37811			K	36583D	E-338				
37812			K	36583G	E-338				
37813			K	36358E	E-338				
37814			K	36358C	E-338				
37815	1PYE101A	MV5329A POWER CIRCUIT	K	36358A	E-338				
37816		K	E-338						
37817		K	E-338						
37818		K	E-338						
37819		K	E-338						
37820	HV5329B	HV5329B	1CYE102B	MV5329A RELAY CABINET (CH. 1)	K	36360B 36360A 36366A 1CGP 36975A	E-338		
37821				K	E-338				
37900				K	E-338				
37901				K	E-338				
37902				K	E-338				
37903	1CYE102C	MV5329B CONTROL CIRCUIT	K	36366A	E-338				
37904		K	1CGP	E-338					
37905		K	36975A	E-338					
37906		K	36366A	E-338					
37907		K	1CGP	E-338					
37908	1LGD109C	MV5329B INSTR CIRCUIT (TC5329 INTLK)	K	36583B	E-338				
37909		K	36583D	E-338					
37910		K	36583G	E-338					
37911		K	36358D	E-338					
37912		K	36358C	E-338					
37913	HV5329C	HV5329C	1CYE102A	MV5329B CONTROL CABINET (CH. 1)	K	36358A	E-338		
37914				K	E-338				
37915				K	E-338				
37916				K	E-338				
37917				K	E-338				
38000	HV5329C	HV5329C	1CYE103B	MV5329B LOCAL CONTROLLER (CH. 1)	K	36365A 36366A 1CGP 36975A	E-338		
38001				K	E-338				
38002				K	E-338				
38003				K	E-338				
38004				K	E-338				
38005		1LGD109D	MV5329C INSTR CIRCUIT (TC5329 INTLK)	K	36366A	E-338			
38006			K	1CGP	E-338				
38007			K	36583F	E-338				
38008			K	36583E	E-338				
38009			K	36583G	E-338				
38010		1PYE103A	MV5329C POWER CIRCUIT	K	36358B	E-338			
38011			K	36358A	E-338				
38012			K	E-338					
38013			K	E-338					
38014			K	E-338					
38015	HV5336A	HV5336A	2CYF101B	MV5329C CIRCUIT BREAKER (CH. 1)	K	36361B 36361A 36367A 2CGS 36909A	E-338		
38100				J	E-338				
38101				J	E-338				
38102				J	E-338				
38103				J	E-338				
38104	2CYF101C	MV5336A CONTROL CIRCUIT	J	36367A	E-338				
38105		J	36367A	E-338					
38106		J	2CGS	E-338					
38107		J	36584A	E-338					
38108		J	36584D	E-338					
38109	2LGD209A 2LGD209B	MV5336A INSTR CIRCUIT (LTE5336 INTLK)	J	36584C	E-338				
38110		J	36584E	E-338					
38111		J	36584G	E-338					
38112		J	36359E	E-338					
38113		J	36359C	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
38114	HVAC	HV5336A	2PYF101A	MV5336A POWER CIRCUIT	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
38201		36361A			E-338			
38202		36367A			E-338			
38203		2CGS			E-338			
38204		2CYF102C		MV5336B CONTROL CIRCUIT	J	36909A	E-338	
38205				36367A	E-338			
38206				2CGS	E-338			
38207				2LGD209C	MV5336B INSTR CIRCUIT (TC5336 INTLK)	J	36584B	E-338
38208		36584C		E-338				
38209		36584E		E-338				
38210		36584G		E-338				
38211		2PYF102A		MV5336B POWER CIRCUIT	J	36359D	E-338	
38212			36359C	E-338				
38213	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			36367A	E-338				
38302			2CGS	E-338				
38303			36909A	E-338				
38304		2CYF103C	MV5336C CONTROL CIRCUIT	J	36367A	E-338		
38305			2CGS	E-338				
38306			2LGD209D	MV5336C INSTR CIRCUIT (TC5336 INTLK)	J	36584F	E-338	
38307			36584G	E-338				
38308		2PYF103A	MV5336C POWER CIRCUIT	J	36359B	E-338		
38309			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			46540A	E-346				
39002			1CCKA	E-346				
39003			46234B	E-346				
39004		1CBE1208C	MV5597 CONTROL CIRCUIT	Y	46540A	E-346		
39005			1CCKA	E-346				
39006			46238B	E-346				
39007			46369A	E-346				
39008		1CBE1208D	MV5597 CONTROL CIRCUIT	Y	46369A	E-346		
39009			46540A	E-346				
39010			46540A	E-346				
39011			1CCKA	E-346				
39012		1CBE1208I	MV5597 CONTROL CIRCUIT	Y	36248A	E-338		
39013			J83637	E-338				
39014			36041B	E-338				
39015			36041B*	E-337, 341				
39016		DUCT	36041A	E-338				
39017			36357B	E-338				
39018			1CGC	E-338				
39019			36357B	E-346				
39020		S	46540A	E-346				
39021			1CCKA	E-346				
39022			46235A	E-346				
39023			46235A	E-346				
39024	Y	MV5597 POWER CIRCUIT	Y	46235A	E-346			
39025		46235A	E-346					
39026		46235A	E-346					
39027		1PBE1208A	MV5597 POWER CIRCUIT	Y	30185E	E-338		
39028	1PBE1208E	MV5597 POWER CIRCUIT	Y	30185E	E-338			
39029		30185E	E-338					
39030		30185E	E-338					
39031		J83660	E-338					
39032	1PBE1208H	MV5597 POWER CIRCUIT	Y	36018A	E-338			
39033		36018A	E-338					
39034		36018A	E-338					
39035		36018A	E-346					
39036	BE1208	FTS5597	MV5597 CIRCUIT BREAKER (CH. 1)	Y	36018A	E-346		
39037			MV5597 TEMPERATURE SWITCH (CH. 1)	Y	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			
39035 39036	HVAC	HV5597	MV5597	BATTERY RM A MTR OPERATED DAMPER	Y		E-346				
			MV5597	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					X	46236B	E-346				
39106			2CBF1210C	MV5598 CONTROL CIRCUIT	X	46892D	E-346				
39107					X	2CKL	E-346				
39108					X	46741A	E-346				
39109					X	2CKM	E-346				
39110					X	46239B	E-346				
39111					X	JT4616	E-346				
39112			2CBF1210D	MV5598 CONTROL CIRCUIT	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 FTS5598 MV5598 NV5598	MV5598 CIRCUIT BREAKER (CH. 2) MV5598 TEMPERATURE SWITCH (CH. 2) BATTERY RM B MTR OPERATED DAMPER MV5598 LOCAL CONTROLLER (CH. 2)	X		E-346					
39123				X		E-346					
39124				X		E-346					
39125				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		FF	Nipple					E-416			
39202		FF	UNSCHEDED					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		2CEV	E-356-1					
39213			DD		2CP92A	E-356-1					
39214			FF		2CP92A	E-356-1					
39215			FF		2CP92D	E-353					
39216			FF			E-353					
39218	FF	C5717	SVICS11A CONTROL ROOM PANEL (CH. 2)		E-353						
39219	FF	C5756D	SVICS11A CONTROL ROOM PANEL (CH. 2)		E-353						
39225	FF	C5792	SVICS11A CONTROL ROOM PANEL (CH 2)		E-416						
39220	DH	EV100A	SVICS11A TERMINAL BOX (CH. 2)		E-356						
39224	DD	JT5722	SVICS11A TERMINAL BOX (CH.2)		E-416						
39221	DH	NVICS11A	SVICS11A LOCAL CONTROLLER (CH. 2)		E-416						
39222	DH	SVICS11A1	MSL 2 ATM VENT SOLENOID VALVE		E-416						
39300	ICS11B	1CVCS11BA	SVICS11B CONTROL CIRCUIT		DH	68011A	E-359				
39300A					DH	68011B	E-359				
39300B					DH	68011C	E-359				
39301					DH	Nipple	E-359				
39302					FF	UNSCHEDED	E-356-8				
39303					DD	JB5777	E-356				
39304		DD	1CPM		E-356						
39305		DD	1CPM		E-356						
39306		DD	1CPL	E-356-1, 356-6							
39307		DD	68007C	E-356-1, 356-6							
39308		EE	68007C	E-414							
39309		EE	68007B*	E-359, 358							
39309A		DH	68007B*	E-358, 359							
39310		DH	68007A	E-359							

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP				
39312	MSS	ICS11B	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-358, 359					
39317					DH	68007A	E-359					
39321					FF		E-353					
39319					FF		E-353					
39322					FF		E-353					
39323					FF		E-353					
39320					DH		E-359					
39324					DD		E-356					
39325					DH		E-359					
							DH					
39400					MS100				DH	67046A	E-416	
39401									DH	67801C	E-416	
39402									DH	67801A	E-416	
39403									DH	67801B	E-416	
39404									DH	67801A	E-416	
39405									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	FF	1CPA	E-353									
39416	FF	57961B	E-353									
39417	DD	1CP62A	E-356									
39418	FF	1CP62A	E-353									
39419	DH	67007D	E-416									
39420	DH	67801D	E-416									
39421	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	FF	1CPA	E-353									
39431	FF	1CP62A	E-353									
39432	FF	57961B	E-356									
39433	DH	67045C	E-416									
39434	DH	67045A	E-416									
39435	DH	67800B	E-416									
39436	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	J85776	E-356									
39444	DD	2CEV	E-356									
39445	DD	2CP92A	E-423									
39446	FF	2CP92A	E-353									
39447	FF	2CP92D	E-353									
39449	DD	J85776	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									
39457	DH	47042A	E-416									
39458	DH	67061C	E-416									
39459	DH	67061B	E-416									
39460	DH	67061C	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
39461	MSS	MS100	2CFV100BD 2CFV100BE 2CFV100BG	FV100 CONTROL CIRCUIT FV100 CONTROL CIRCUIT FV100 CONTROL CIRCUIT	DH	67061A	E-416	
39462					DH	67800A	E-416	
39463					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	
39468					DD	2CLA	E-356	
39469					DD	2CPP	E-356	
39470					DD	2CPN	E-356	
39471					DD	J85776	E-356	
39472					DD	2CEV	E-356	
39473					DD	2CP92A	E-423	
39474					FF	2CP92A	E-353	
39475					FF	2CP92D	E-353	
39476					DH	67061B	E-416	
39477					DH	67061C	E-416	
39490					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					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		FF	C5762A	FV100 CONTROL ROOM PANEL (CH. 1)				
39481		FF	C5792	FV100 CONTROL ROOM PANEL (CH. 2)				
39484		DH	FPSL100A	FV100 PRESSURE SWITCH (CH. 2)				
39485		DH	FPSL100B	FV100 PRESSURE SWITCH (CH. 2)				
39486		DH	FPSL100C	FV100 PRESSURE SWITCH (CH. 1)				
39487		DH	FPSL100D	FV100 PRESSURE SWITCH (CH. 1)				
39488		DH	FPSL100E	FV100 PRESSURE SWITCH (CH. 1)				
39489		DH	FV100	MN STEAM LINE 2 ISO VALVE (CH. 2 & 1)				
39490		EE	JT5706	FV100 TERMINAL BOX (CH. 2)				
39483		DD	JT5722	FV100 TERMINAL BOX (CH. 2)				
39491		DH	JT6703	FV100 TERMINAL BOX (CH. 2)				
39492		DH	JT6704	FV100 TERMINAL BOX (CH. 2)				
39493		DH	JT6707	FV100 TERMINAL BOX (CH. 1)				
39494		DH	JT6717	FV100 TERMINAL BOX (CH. 1)				
39495		DH	NSV100	FV100 TERMINAL BOX (CH. 2)				
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					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	DH		2CV1001A	SV1001 CONTROL CIRCUIT				
39501	DH		2CV1001B	V1001/SV1001 CONTROL CIRCUIT				
39503	DD		2CV1001C	V1001/SV1001 CONTROL CIRCUIT				
39504	DD							
39505	DD							
39506	EE							
39507	DF							
39508	DF							
39509	DD							
39510	DH		2CV1001D	V1001/SV1001 CONTROL CIRCUIT				
39511	DH		2CV1001F	V1001/SV1001 CONTROL CIRCUIT				

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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		
39512	MSS	MS100-1	2CV1001F	V100/SV1001 CONTROL CIRCUIT	EE	47040A	E-414			
39513					DF	47040A	E-347			
39514					DF	2CKL	E-347			
39515					DD	2CKL	E-356-7			
39516					DD	2CPN	E-356-7			
39517					DD	J85783	E-356-7			
39518					DD	2CEV	E-356-7			
39519					DD	2CP92A	E-356-7			
39520					FF	2CP92A	E-353			
39521					FF	2CP92D	E-353			
39522					DH	67107A	E-416			
39523					FF		E-353			
39524					FF		E-353			
39525					DH		E-416			
39526					DH		E-416			
39527					DH		E-416			
39528			DH		E-416					
39529			DH		E-416					
39600			MS101	MS101	1CFV101AB	FV101 CONTROL CIRCUIT	DH	68075B	E-359	
39601							DH	68075A	E-359	
39602							DH	68800B	E-359	
39603							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	FF	UNSCHE					E-356-8			
39615	DD	J85777					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					
39622	DH	68008B*			E-358, 359					
39623	DH	68008A			E-359					
39624	DH	68006A			E-359					
39625	DH	68006C			E-359					
39626	DH	68006B			E-359					
39627	DH	68006C			E-359					
39628	DH	68800A			E-359					
39629	DH	68008A			E-359					
39629A	EE	68008B*			E-359, 358					
39630	DH	68008B*			E-358, 359					
39631	EE	68008C			E-414					
39632	DD	1CPL			E-356					
39633	DD	1CP62A			E-356					
39634	FF	1CP62A			E-353					
39635	FF	1CPA62			E-353					
39636	DH	68006C			E-359					
39690	DH	68006A			E-359					
39691	FF	1CP06A			E-353					
39692	DD	1CP06A			E-356					
39693	DD	JT5721			E-356					
39694	DD	1CPM			E-356-2					
39695	DD	1CPR			E-356-2					
39696	DD	1CPL			E-356					
39696A	DD	1CP62A			E-356-10					
39697	FF	1CP62A			E-356-10					
39698	FF	1CPA62			E-353					
39698A	FF	1CP06A			E-353					
39698B	DD	1CP06A			E-356					
39698C	DD	JT5721			E-356					
39698D	DD	1CPM			E-356-2					
39698E	DD	1CPR			E-356-2					
39698F	DD	1CPL			E-356					
39698G	DD	1CP62A			E-356-10					
39698H	FF	1CP62A			E-356-10					
39637	FF	1CPA62			E-353					
39638	DH	68076B			E-359					
39639	DH	68801B			E-359					
					DH	68801A	E-359			

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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			
39640	MSS	MS101	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			
39710						AB	38069B*	E-359, 340			
39710A						V	38069B*	E-340, 359			
39710B						EE	38069B*	E-340, 359			
39710C						DH	38069B*	E-340, 359			

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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			
39711	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	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							DH	38069E	E-359		
39733							DH	38069D	E-359		
39734							DH	FF	E-353		
39735							FF	FF	E-353		
39736							EV1011	V1011 TERMINAL BOX (CH. 1)	E-359		
39737							JT6802	V1011 JUNCTION BOX (CH. 1)	E-359		
39738							NV1011	V1011 LOCAL CONTROLLER (CH. 1)	E-359		
39739							SV1011	V1011 SOLENOID VALVE (CH. 1)	E-359		
39740							V1011	MN STM LINE #1 WJ. ISO VLV (CH. 1)	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					
40705A		E26-1	N/A	RCP SEAL COOLER 1	AB	N/A					
40705B		E26-2	N/A	RCP SEAL COOLER 2	AB	N/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
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		
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			C5703	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			P2C5G1	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	
40901					DF	2CLA	E-346	
40902					DF	2CKM	E-346	
40903					X	2CKM	E-346	
40904					X	46740A	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
40905	MUPS	MU01B	2CBF1238D	MVMU01B CONTROL CIRCUIT	D	29091A	E-373	
40906					D	JT2917	E-373	
40907					D	29075B	E-373	
40908					D	J82925	E-373	
40909					D	29075A	E-369, 373	
40910					D	J83930	E-369	
40911					D	49075A	E-362, 369	
40912					A	Exposed	E-3788-3	
40913					X	46526B	E-346	
40914					X	46739A	E-346	
40915			X	2CKM	E-346			
40916			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			D	29096A	E-373			
40924			D	J82911	E-373			
40925			D	29063A	E-373			
40926			D	J82920	E-373			
40927			D	49161A	E-362, 373			
40928			A	Exposed	E-3788-3			
40929			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			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			DF	46085A	E-346			
40941			X	46085A	E-346			
40942			D	29033A	E-373			
40943			D	J82916	E-373			
40944			D	49076A	E-373			
40945	A	Exposed	E-3788-3					
40946	X		E-346					
40947	FF		E-353					
40948	X		E-346					
40949	D		E-373					
40950	D		E-373					
40951	D		E-362					
40952	DF		E-346					
40953	D		E-362					
40954	DF		E-347					
			X	E-346				
41000	MU02A		1CBE1171C	MVMU02A CONTROL CIRCUIT	AB	38076A	E-350	
41001					AB	1CJP	E-350	
41002			V	1CJP	E-350			
41003			D	29121A	E-373			
41004			D	J82903	E-374			
41005			D	29018C	E-374			
41006			D	290188*	E-364			
41007			D	29018A	E-363			
41008			AB	Exposed	E-3788-3			
41009			V	1CJM	E-350			
41010			V	38563A	E-350			
41011			V	1CJP	E-350			
41012			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			DD	1CJL	E-347			
41019			CC	1CJL	E-349-3			
41020			U	1CJL	E-349-3			
41021			V	38562A	E-350			
41022			V	1CJL	E-350			
41023			FF	1CP63C	E-424			
41024			DD	1CP63C	E-424			
41025			DD	1CPL	E-356-6			
41026	DD	1CJM	E-356-6					
41027	CC	1CJM	E-347					
			U	E-349-3				

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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				
41028	MUPS	MU02A	1CBE1171G	MVMU02A CONTROL CIRCUIT	V	1CJM	E-350					
41029					V	1CJP	E-350					
41030				1PBE1171A	MVMU02A POWER CIRCUIT	AB	JB3806	E-350				
41031						AB	1PJA	E-350				
41032						AB	38003A	E-340				
41033						V	38003A	E-340				
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			
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	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	1CPH	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			1PBE1172A	MVMU02B POWER CIRCUIT	AB	38004B	E-340					
41147					V	38004A	E-340					
41148			1PBE1172B	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					
41153			C5703	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					

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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		
41157	MUPS	MU02B	FTSH3745B MVMU02B P1C2L1 P1C2LX P1P2MI P1P2MX RC3801	MVMU02B TEMPERATURE SWITCH (CH. 1)	D		E-373			
41158				LETDOWN COOLER INLET ISO VALVE (CH. 1)	D		E-373			
41159				MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363			
41160				MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350			
41161				MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363			
41162				MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350			
41163				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	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	A	28110A	E-335							
41214	AB	28110A	E-336							
41215	G	28110A	E-336							
41216	AB	JB2809	E-336							
41217	AB	28442F	E-336							
41218	AB	28442G	E-336							
41219	AB	28237A	E-336							
41220	AB	Nipple	E-336							
41221	FF	2CP17C	E-353							
41222	DD	2CP17C	E-356-1							
41223	DD	2CPN	E-356-1							
41224	DD	2CEV	E-356-1							
41225	CC	2CEV	E-347							
41226	U	2CEV	E-349-3							
41228	U	28107C	E-349-3							
41228A	U	28107B*	E-339, 340							
41228B	V	28107B*	E-339, 340							
41228C	G	28107B*	E-339, 340							
41228D	AB	28107B*	E-339, 340							
41229	AB	28107B*	E-339, 340							
41230	AB	28107A	E-336							
41231	AB	JB2809	E-336							
41232	AB	28236A	E-336							
41233	AB	28237A	E-336							
41234	FF	2CP56D	E-356-10							
41235	DD	2CP56D	E-356-10							
41236	DD	2CPN	E-356-7							
41237	DD	2CEV	E-356-7							
41238	CC	2CEV	E-347							
41239	U	2CEV	E-349-3							
41240	U	28107C	E-349-3							
41240A	U	28107B*	E-339, 340							
41240B	V	28107B*	E-339, 340							
41240C	G	28107B*	E-339, 340							
41240D	AB	28107B*	E-339, 340							
41241	AB	28107B*	E-339, 340							
41242	AB	28107A	E-336							
41243	AB	JB2809	E-336							
41244	AB	28236A	E-336							
41245	FF		E-353							
41246	AB		E-336							
41247	AB		E-336							
41248	AB		E-336							
41249	A		E-349-2							
42112	MU04	ACBE2259B	MU4 CONTROL CIRCUIT	G	28419A	E-336				
42113				AB	28419A	E-336				
42100				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				U	ACJH	E-347				
42107				CC	ACJH	E-347				
42108				DD	ACJH	E-356				
42109				DD	ACPG	E-356				
42110				DD	ACPR	E-356				
42110				DD	ACPO2B	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/TYPE		
42111	MUPS	MU04	ACBE2259C	MU4 CONTROL CIRCUIT	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					G		E-336			
42119					FF		E-353			
42120					AB		E-336			
42121					AB		E-336			
41300			MU10A		ACBE2262B	MU10A CONTROL CIRCUIT	G	28415A	E-336	
41301							G	28415A	E-336	
41302							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					G	28214A	E-336			
41315					G	NIPPLE	E-336			
41316					G	28414A	E-336			
41317					G	28414A	E-336			
41318					G		E-336			
41320					FF		E-353			
41319					G		E-336			
41321					G		E-336			
41322					G		E-336			
41400	MU10B				ACBE2263B	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41401					G	28413A	E-336			
41402					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					G	28213A	E-336			
41415					G	NIPPLE	E-336			
41416					G	28412A	E-336			
41417					G	28412A	E-336			
41418					G		E-336			
41419					FF		E-353			
41420					G		E-336			
41421					G		E-336			
41422					G		E-336			
41500			MU11		ACBE2278B	MU11 CONTROL CIRCUIT	G	28005A	E-336	
41501					G	28005A	E-336			
41502					G	28005B	E-336			
41503					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					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					G	28216A	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		
41521	MUPS	MU11	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					DD	ACPO2B	E-356			
41537				ACBE2278J	MU11 CONTROL CIRCUIT	FF	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	ACP59C	E-356		
41561						FF	ACP59C	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	28004A	E-336		
41577						G	28004B	E-336		
41578				BE2278	MU11 CIRCUIT BREAKER (CH A)	G		E-336		
41579				C5702	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353		
41580				C5759C	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353		
41581				C5761B	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353		
41582				EVMU110	MU11 TERMINAL BOX	FF		E-353		
41583				NVMU110	RC LET DOWN, DIVERTING VALVE	G		E-336		
41584				NVMU110	MU11 LOCAL CONTROLLER	G		E-336		
41585				RC2825	MU11 RELAY CABINET	G		E-336		
41584A			MU182	N/A	SEAL RETURN TO MU TANK ISO VLV	G	N/A			
41600			MU19	BCNN1261C		MU19 CONTROL CIRCUIT	DD	BCEP59C	E-356-10	
41601								BCFE	E-348	
41602								BCEP59C	E-356-10	
41603								BCPC	E-356-4	
41604								BCFE	E-356-4	
41605								BCFE	E-348, 347	
41606								BCFE	E-348	
41607	BCFE	E-350								
41608	BCJB	E-350								
41609	27126A	E-350								
41610	27126A	E-336								
41611	BCP59C	E-356-10								
41611		BCNN1264A	MU19 CONTROL CIRCUIT	FF						

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
41612	MUPS	MU19	BCNNI264A	MU19 CONTROL CIRCUIT	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					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			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			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	FF		E-353					
41660	AB	MU19 CONTROL ROOM PANEL (CH. B)	E-332					
41661	AB	MU19 FLOW TRANSMITTER (CH. B)	E-350					
41662	AB	MU19 FLOW CONVERTER (CH. B)	E-350					
41663	AB	SEAL INJECTION INLET ISOLATION VALVE	E-350					
41664	II	MU19 120V AC FUSE PANEL (CH. B)	E-338					
41664	AB	MU19 LIMIT SWITCH (CH. B)	E-350					
41700	MU1903		ACBE2271B	MU1903 CONTROL CIRCUIT	G	28409A	E-336	
41701			G	28409A	E-336			
41702			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	ACPG	E-356			
41711			DD	ACPR	E-356			
41712			DD	ACP02B	E-356			
41713			FF	ACP02B	E-356			
41714			G	28211A	E-336			
41715			G	NIPPLE	E-336			
41716			G	28408A	E-336			
41717			G	28408A	E-336			
41718			G		E-336			
41719			FF		E-353			
41720	G	MU1903 TERMINAL BOX	E-336					
41721	G	PURIFICATION DEMIN 1-3 IN VALVE	E-336					
41722	G	MV1903 LOCAL CONTROLLER	E-336					
41722A	MU203	N/A	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/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
41722B	MUPS	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	BCNN1264C	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	BCEQ	E-347	
41806					U	BCEQ	E-349-3	
41807					G	BCEQ	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	BCEQ	E-335	
41816					U	BCEQ	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			BLCOF532A	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			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	
41839					G	BLDE	E-335	
41840					G	BLET	E-335	
41841					G	27232A	E-335	
41842					AB	27232A	E-335	
41843			BLNN1264D	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	BLET	E-335	
41851					G	27218B	E-335	
41852					AB	27218B	E-335	
41853			C5752F	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41854			C5759C	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41855			FYMU32	MU32 FLOW CONVERTER (CH. B)	FF		E-353	
41856			FZTMU32	MU32 LIMIT SWITCH (CH. B)	AB		E-335	
41857			JT3708	MU32 TERMINAL BOX (CH. B)	AB		E-335	
41858			MU32	RC MAKEUP ISOLATION VALVE (CH. B)	U		E-349-3	
41859			Y3602	MU32 120V AC FUSE PANEL (CH. B)	AB		E-335	
41915		MU38	2CVMU38A	SVMU38 CONTROL CIRCUIT	II		E-338	
41916			2CVMU38B	SVMU38 CONTROL CIRCUIT	AB	28235A	E-336	
41917			2CVMU38C	SVMU38 CONTROL CIRCUIT	AB	Nipple	E-336, 418	
41918					FF	2CP17C	E-356-8	
41919					DD	2CP17C	E-356-8	
41920					DD	2CPN	E-356-7	
41921					DD	2CEV	E-356-7	
41922					CC	2CEV	E-347	
41923					U	2CEV	E-349-3	
41924					U	28107C	E-349-3	
					U	28107B*	E-339, 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		
41924A	MUPS	MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	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			DD	2CEV	E-356					
41947			DD	2CPN	E-356					
41948			DD	2CP56D	E-424					
41949			FF	2CP56D	E-424					
41950			FF		E-353					
41951			FF		E-353					
41952			AB	SVMU38 CONTROL ROOM PANEL (CH. 2)	E-336, 418					
41953			AB	SVMU38 CONTROL ROOM PANEL (CH. 2)	E-336, 418					
41954			AB	SVMU38 TERMINAL BOX (CH. 2)	E-336, 418					
41955			AB	SVMU38 LOCAL CONTROLLER (CH. 2)	E-336, 418					
			AB	SVMU38 RCP SEAL RETURN ISOLATION VALVE (CH. 2)	E-336					
42000			MU3971	MV3971 CONTROL CIRCUIT	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	UNSCHED					E-353			
42008	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					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					
42028	A	EV64.220			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	AB	27879G			E-335					
	2CBF1617F	MV3971 CONTROL CIRCUIT								

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				
42035	MUPS	MU3971	2CBF1617G 2PBF1617D	MV3971 CONTROL CIRCUIT MV3971 POWER CIRCUIT	AB	NIPPLE	E-335					
42036					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					V	48091A	E-348					
42057					V	ACLC	E-348, 347					
42058					DD	ACLC	E-356					
42059					FF	ACPG	E-353					
42060					FF	ACP59C	E-356					
42061					FF	ACP59C	E-356					
42062					FF	ACPG	E-353					
42063					FF	ACP60D	E-353					
42064					DD	ACP60D	E-356					
42065					FF	ACP59C	E-356					
42066					FF	ACPG	E-353					
42067					DD	ACP60D	E-353					
42068					FF	ACP60D	E-356					
42077					DF	46964A	E-346					
42049					X	BCKQ	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					X		E-346					
42070					FF		E-353					
42079					FF		E-353					
42080					FF		E-353					
42074					X		E-346					
42071					AB		E-335					
42076					DD		E-356					
42072					AB		E-335					
42073					AB		E-335					
42075					X		E-346					
42078					V		E-338					
42200					MU59A	1CBE1174C		MU59A CONTROL CIRCUIT	V	1CJP	E-350	
42201									AB	1CJP	E-350	
42202									AB	38076C	E-350	
42203									D	29055A	E-363	
42204									D	JB2912	E-373	
42205									D	29056A	E-373	
42206									AB	Exposed	E-378B-3	
42207									V	1CJP	E-350	
42208									V	1CJM	E-350	
42209									V	38563A	E-350	
42210									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	DD	1CP17A	E-356-8									
42220	FF	38378A	E-350									
42221	V	1CJL	E-349, 350									
42222	V	1CJL	E-349									
42223	U	1CJL	E-347									
42224	CC	1CJL	E-347									
42225	DD	1CJL	E-356									
42226	DD	1CPL	E-356									
42227	DD	1CP63D	E-424									
42228	FF	1CP63D	E-424									
42228A	V	38006A	E-350									
42228B	V	38006A*	E-340									
42228C	G	38006A*	E-340									
	AB	38006A*	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		
42228D	MUPS	MU59A	1PBE1174A	MU59A POWER CIRCUIT	AB	38006A*	E-340			
42229					AB	38006A	E-350			
42230			AB	J83806	E-350					
42231			AB	1PJA	E-350					
42232			D	29035A	E-363					
42233			D	J82908	E-363					
42234			D	29036A	E-363					
42235			AB	Exposed	E-378B-3					
42236			V		E-350					
42237			FF		E-353					
42238			FF		E-353					
42244			V		E-350					
42243			D		E-363					
42240			D		E-363					
42239			AB		E-350					
42242		D		E-363						
42241		AB		E-363						
42300		MU59B	MU59B	1CBE1175C	MU59B CONTROL CIRCUIT	V	1CJP	E-350		
42301						AB	1CJP	E-350		
42302				AB	38076C	E-350				
42303				D	29055A	E-363				
42304				D	J82912	E-373				
42305				D	29057A	E-373				
42306				AB	Exposed	E-378B				
42307				V	1CJP	E-350				
42308				V	1CJM	E-350				
42309				V	38563A	E-350				
42310				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	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	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	MU59C	MU59C	1PBE1175B	MU59B POWER CIRCUIT	D	29035A	E-373			
42331					D	J82908	E-373			
42332			D	29037A	E-373					
42333			AB	Exposed	E-378B					
42334			V		E-350					
42335			FF		E-353					
42336			FF		E-353					
42342			V		E-350					
42341			D		E-363					
42338			D		E-363					
42337			AB		E-350					
42340			D		E-363					
42339			AB		E-350					
42400			MU59C	MU59C	1CBE1177C	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42401							AB	1CJP	E-350	
42402	AB	38076C			E-350					
42403	D	29055A			E-363					
42404	D	J82912			E-373					
42405	D	29058A			E-373					
42406	AB	Exposed			E-378B					
42407	V	38378A			E-350					
42408	V	1CJL			E-350					
42409	V	38561A			E-350					
42410	V	38559A			E-350					
42411	V	1CJL			E-349, 350					
42412	U	1CJL			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			
42413	MUPS	MU59C	1CBE1177F	MU59C CONTROL CIRCUIT	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					DD	1CP17A	E-356				
42420					1CBE1177G	MU59C CONTROL CIRCUIT	FF	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			1PB1177A	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					1PB1177B	MU59C POWER CIRCUIT	D	29035A	E-373		
42431							D	JB2908	E-373		
42432							D	29038A	E-373		
42433							AB	Exposed	E-3788		
42434			V				E-350				
42439			FF				E-353				
42440			FF				E-353				
42441			V				E-350				
42442			D				E-363				
42435			D				E-363				
42438			AB		E-350						
42437			D		E-363						
42500			MU59D	MU59D	1CBE1178C	MU59D CONTROL CIRCUIT	AB	1CJP	E-350		
42501							AB	1CJP	E-350		
42502							D	38076A	E-350		
42503							D	29055A	E-363		
42504							D	JB2912	E-373		
42505							D	29059A	E-373		
42506							1CBE1178E	MU59D CONTROL CIRCUIT	AB	Exposed	E-3788
42507									V	38378A	E-350
42508									V	1CJL	E-350
42509									V	38560A	E-350
42510					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	DD	1CP17A			E-356						
42520	1CBE1178G	MU59D CONTROL CIRCUIT			FF	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					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	1PB1178B	MU59D POWER CIRCUIT			AB	1PJA	E-350				
42532					D	29035A	E-373				
42533					D	JB2908	E-373				
42534					D	29039A	E-373				
42535					AB	Exposed	E-3788				
42536					V		E-350				
42541					FF		E-353				
42542					FF		E-353				
42543					V		E-353				
42543											

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	
42544	MUPS	MU59D	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	UNSCHE			E-353				
42611	G	27710B	E-335, 418						
42612	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	G	27881A	E-335-1						
42622	AB	27881A	E-335-1						
42623	AB	J82762	E-335-1						
42624	AB	27881D	E-335-1						
42625	AB	27881E	E-335						
42626	AB	NIPPLE	E-335						
42627	G	27876A	E-335-1						
42628	AB	27876A	E-335-1						
42629	AB	J82749	E-335-1						
42630	AB	27876C	E-335-1						
42631	V	48091A	E-348						
42632	V	ACLC	E-348						
42633	V	48556A	E-348						
42634	DG	ACLC	E-348						
42635	V	48091A	E-348						
42636	V	ACLC	E-348, 347						
42637	DD	ACLC	E-356-2						
42638	FF	ACPG	E-353						
42639	FF	ACP59C	E-356						
42640	FF	ACP59C	E-356-10						
42641	DD	ACPG	E-353-10						
42642	FF	ACP60D	E-356-10						
42643	DD	ACP60D	E-356-10						
42644	FF	ACP59C	E-356-10						
42645	DD	ACPG	E-356-10						
42646	DD	ACP60D	E-356-10						
42647	FF	ACP60D	E-356-10						
42648	G		E-336						
42602	G	BE1127	MV6405 CIRCUIT BREAKER (CH 1)						
42649	FF	BE11D	MV6405 CONTROL CIRCUIT						
42656	FF	C5703	MV6405 CONTROL ROOM PANEL (CH 1)						
42657	FF	C5759C	MV6405 CONTROL ROOM PANEL (CH A)						
42653	FF	C5760D	MV6405 CONTROL ROOM PANEL (CH A)						
42650	G	CDE11D	MV6405 DISCONNECT SWITCH (CH 1)						
42658	AB	EV6405	MV6405 TERMINAL BOX (CH 1)						
42651	DD	JT5721	MV6405 JUNCTION BOX (CH 1)						
42652	AB	MV6405	RC MU PUMP SUCTION VALVE (CH 1)						
42654	AB	NV6405	MV6405 LOCAL CONTROLLER (CH 1)						
42655	V	RC4801	MV6405 RELAY CABINET (CH A)						
42700	V	RC4802	MV6405 RELAY CABINET (CH A)						
42700A	MU6406	2CV6406A	SVMU6406 CONTROL CIRCUIT	AB	27879J	E-335			
42700B			AB	J82741	E-335				
42701			AB	27879K	E-335				
42702			AB	NIPPLE	E-335				
42703			FF	UNSCHE	E-335				
42704			DD	2CPN	E-335				
42705			DD	2CED	E-356				
42706			DD	2CEG	E-356				
42707			A	2CEG	E-397				
42708			A	2CEH	E-335				
42709	A	27877A	E-335						
42710	A	EV64220	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	
42711	MUPS	MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	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					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		FF		E-353					
42737		FF		E-353					
42740		AB		E-335					
42738		DD		E-356					
42742		AB		E-335					
42739		X		E-346					
42741		AB		E-335					
42742		MU6406	MU6406	SVMU6406	MU6406 SOLENOID VALVE (CH 2)	AB			E-335
42800		MU6407	MU6407	1CV6407A	SVMU6407 CONTROL CIRCUIT	AB	27883B		E-335
42800A						AB	JB2742		E-335
42800B						AB	27883C		E-335
42801						AB	NIPPLE		E-335
42802						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					UNSCHED	E-353		
42813	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	V		48083A	E-348					
42824	DG		1CLA	E-348					
42825	FF			E-353					
42826	FF			E-353					
42829	AB			E-335					
42827	DD			E-356					
42831	AB			E-335					
42828	V			E-348					
42830	AB			E-335					
42831	MU6407		MU6407	SVMU6407	MU6407 SOLENOID VALVE (CH 1)	AB		E-335	
42900	MU6408		MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	X	465268	E-346	
42901		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		X	46740A	E-346					
42906		2CBF1208B	MV6408 CONTROL CIRCUIT						

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		
42907	MUPS	MU6408	2CBF1208B	MV6408 CONTROL CIRCUIT	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	2CEG		E-356	
42917						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	
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	
42943				CDF12A-2	MV6408 DISCONNECT SWITCH (CH 2)	X			E-346	
42944				EV6408	MV6408 TERMINAL BOX (CH 2)	AB			E-335	
42945				JT5722	MV6408 JUNCTION BOX (CH 2)	DD			E-346	
				MV6408	MV6408 CROSS CONNECT ISO VLV	AB			E-335	
				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	UNSCHE	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		
43023				CDE11D	MU6409 DISCONNECT SWITCH (CH 1)	G		E-335		
43024				EV6409	MV6409 TERMINAL BOX (CH 1)	AB		E-335		
43025				JT5721	MU6409 JUNCTION BOX (CH 1)	DD		E-356-1		
				MV6409	MU CROSS CONNECT ISO VALVE (CH 1)	AB		E-335		
				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	
43102							U	1CJL	E-349-3	
43103							CC	1CJL	E-347	
43104						DD	1CJL	E-356		
43105						DD	1CPL	E356		
43107						DD	1CPT	E-356-6		
				DD	1CPM	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		
43108	MUPS	MU6419	1CBE1295A 1CBE1295B	MV6419 CONTROL CIRCUIT	FF	UNSCHED	E-353			
43109				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	370488	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					C5703	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	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	UNSCHED	E-353	
43208							X	46963A	E-346	
43209							X	JB4676	E-346	
43210							X	46963B	E-346	
43211							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	27879A					E-335			
43230	AB	JB2761					E-335			
43231	AB	27879C					E-335			
43232	AB	NIPPLE					E-335			
43233	AB	27879D					E-335			
43234	X	46962A					E-346			
43235	X	46962C					E-346			
43236	X	JB4675					E-346			
43237	X	46962D					E-346			
43238	DF	46962D	E-347							
43239	DF	JB4716	E-347							
43240	DF	46962E	E-347							
43241	A	46962E	E-349							
43242	A	46962E	E-335							
43243	A	JB2759	E-335							
43244	G	46962G	E-335							
43245	AB	JB2760	E-335							
43246	AB	46962H	E-335							
43247	X		E-346							
43251	FF		E-353							
43248	X		E-346							
43252	AB		E-335							
43249	DD		E-356-1							
43250	AB		E-335							
					AB		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		
43300	MUPS	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			G	27710A	E-336					
43313			AB	NIPPLE	E-336					
43314			AB	27881G	E-336					
43315			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			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			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			G	27876D	E-336					
43328			FF		E-333					
43329			G		E-336					
43330			AB		E-336					
43331			AB		E-336					
43400			MU6422	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	DF	47300A					E-347			
43408	DF	2CLA					E-347			
43409	DF	47702A					E-347			
43410	A	27877C			E-335					
43411	A	27877D			E-335					
43412	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	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	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					
43428	DF				E-347					
43429	FF				E-353					
43433	DF				E-347					
43430	A				E-335					
43431	A				E-335					
43432	A				E-335					
43525		MU66A			2CSF1748A	MU66A CONTROL CIRCUIT	AB	28442A	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
43526	MUPS	MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	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					DD	2CP18A	E-356	
43500					FF	2CP18A	E-356	
43501					AB	28234C	E-336	
43502					U	28107C	E-349-3	
43503					U	2CEV	E-349-3	
43503A					U	28107B*	E-339, 340	
43503B					V	28107B*	E-339, 340	
43503C					G	28107B*	E-339, 340	
43503D					AB	28107B*	E-339, 340	
43504					AB	28107B*	E-339, 340	
43505					AB	28107A	E-336	
43506					CC	2CEV	E-347	
43507					AB	JB2809	E-336	
43508					DD	2CPN	E-356-7	
43509					DD	2CP56D	E-424	
43510					FF	2CP56D	E-424	
43511					AB	28234A	E-336	
43512					DD	2CEV	E-356-7	
43513					AB	28234C	E-336	
43514					DD	2CP18A	E-356-8	
43515					FF	2CP18A	E-356-8	
43516					AB	28234A	E-336	
43517					AB	JB2809	E-336	
43518					AB	28107A	E-336	
43518A					AB	28107B*	E-339, 340	
43518B					AB	28107B*	E-339, 340	
43518C					G	28107B*	E-339, 340	
43518D					V	28107B*	E-339, 340	
43519	U	28107B*	E-339, 340					
43520	U	28107C	E-349-3					
43521	U	2CEV	E-349-3					
43522	CC	2CEV	E-347					
43523	DD	2CEV	E-356-7					
43524	DD	2CPN	E-356-7					
43543	AB	Nipple	E-336, 418					
43544	FF		E-353					
43545	FF		E-353					
43542	AB		E-336					
43546	AB		E-336					
43547	AB		E-336					
43548	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	1CFF	E-336	
43631					V	1CFF	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					AB	28240B	E-336	
43601					AB	28240A	E-336	
43602					G	28240A	E-336	
43603					V	1CFF	E-336	
43604					V	1CFF	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					

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
43610	MUPS	MU66B	1CVMU66BB	VMU66B CONTROL CIRCUIT	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	1CFF	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	1CFF	E-350				
43626					1CVMU66BE	VMU66B CONTROL CIRCUIT	AB	Nipple	E-336, 418			
43640					C5717	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353			
43641					C5763C	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	MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	AB	28443B	E-336			
43728							AB	28443C	E-336			
43729							G	28443C	E-336			
43730							G	1CFF	E-336			
43731							V	1CFF	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	1CFF	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	1CFF	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	1CFF	E-350				
43721						G	1CFF	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			C5717	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353					
43741			C5763C	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					
43825	MU66D	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					

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43832	MUPS	MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	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					DD	2CP18A	E-356	
43800					FF	28237B	E-336	
43801					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					AB	28237B	E-336	
43813					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					AB	Nipple	E-336, 418	
43843	FF		E-353					
43844	FF		E-353					
43845	AB		E-336					
43842	AB		E-336					
43846	AB		E-336					
43847	AB		E-336					
43848	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	ACPO2B	E-356-8	
43901					DD	ACPO2B	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					G	28300A	E-336	
43911					G	ACFH	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	
43919					G	ACFB	E-335	
43920					G	27570A	E-335	
43921					G	27513A	E-335	
43922					G	ACEM	E-335	
43923					AB	27506A	E-335	
43924					G	27516A	E-335	
43925					G	1CEY01	E-335	
43925						ACBE1191E		MP0371B CONTROL CIRCUIT

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			
43926	MUPS	P-371B	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					C5704	MP0371B CONTROL ROOM PANEL (CH. A)	FF		E-335		
43929					CDE11D	MP0371B DISCONNECT SWITCH (CH 1)	G		E-335		
43932					MP371B	MJ 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	P-371C	AC105	MP0371C CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338		
44000					ACD117B	MP0371C CONTROL CIRCUIT	AB	27297A	E-335		
44001								G	27297A	E-335	
44002								G	ACFA	E-335	
44003						G	ACDA	E-335			
44004						U	ACDA	E-349-3			
44005						CC	ACDA	E-347			
44006						DD	ACDA	E-356-2			
44007						DD	ACPJ	E-356-2			
44008						DD	ACPR	E-356-2			
44009						DD	ACPK	E-356-2			
44010						DD	ACKC	E-356-2			
44011						II	ACKC	E-346			
44012						Y	ACKC	E-346			
44013						Y	46639A	E-346			
44014					ACD117C	MP0371C CONTROL CIRCUIT	FF	ACPO2B	E-356-8		
44015							DD	ACPO2B	E-356-8		
44016							DD	ACPG	E-356-2		
44017							DD	ACPR	E-356-2		
44018							DD	ACPK	E-356-2		
44019							DD	ACKC	E-356-2		
44020							DD	ACKC	E-356-2		
44021							II	ACKC	E-346		
44022							Y	ACKC	E-346		
44023					ACD117D	MP0371C CONTROL CIRCUIT	Y	46639A	E-346		
44024							G	JB2805	E-336		
44025							G	ACFH	E-336		
44026							G	28299A	E-336		
44027							G	ACFA	E-336		
44028							G	28253A	E-336		
44029							G	ACAB	E-336		
44030							AB	ACAB	E-335		
44031							U	ACDA	E-349-3		
44032							CC	ACDA	E-347		
44033							DD	ACDA	E-356-2		
44034							DD	ACPJ	E-356-2		
44035							DD	ACPR	E-356-2		
44036							DD	ACPK	E-356-2		
44037							DD	ACKC	E-356-2		
44038							II	ACKC	E-346		
44039							Y	ACKC	E-346		
44040					ACD117E	MP0371C CONTROL CIRCUIT	Y	46639A	E-346		
44041							G	28299A	E-336		
44042							G	28254A	E-336		
44043							G	JB2805	E-336		
44044							G	ACAB	E-336		
44045							AB	ACAB	E-335		
44046					G	27570A	E-335				
44047					G	ACFB	E-335				
44048					G	27513A	E-335				
44049			ACD117F	MP0371C CONTROL CIRCUIT	G	ACEM	E-335				
44050					G	28090A	E-336				
44051					G	ACFG	E-336				
44052					G	JB2805	E-336				
44053					G	ACFH	E-336				
44054					G	28455A	E-336				
44055					G	ACFA	E-336				
44056					G	27360A	E-336				
44057					G	ACAB	E-336				
44058					AB	27360A	E-335				
44059					AB	EV225A	E-335				
44060					AB	27362A	E-335				
44039A			ACD117H	MP0371C CONTROL CIRCUIT	AB	ACAB	E-335				
44039B					Y	46207A	E-346	3 A			
44039C					Y	1CKA	E-346	3 A			
44039D					Y	1CKD	E-346	3 A			
44039E					Y	46059B	E-346	3 A			
44039F					X	46059B*	E-346, 347, 355	3 A			
44039G					DF	46059B*	E-347, 355	3 A			
					A	46059B*	E-347, 355	3 A			

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44039H	MUPS	P-371C	ACD117H	MP0371C CONTROL CIRCUIT	DD	46059B*	E-347, 355	3 A
44039I					DD	46059A	E-356-1	A
44039J					DD	1CPL	E-356-1, 356-6	A
44039K					DD	1CDB	E-356-1, 356-6	A
44039L					CC	1CDB	E-347, 351-4	A
44039M					U	1CDB	E-349-3, 351-4	A
44039N					G	1CDB	E-335, 351-4	A
44039P					G	27089A	E-335	A
44039Q					AB	27089A	E-335	A
44061A					Y	46207A	E-346	A
44061B					Y	1CKA	E-346	A
44061C			Y	1CKD	E-346	A		
44061D			Y	46059B	E-346	A		
44061E			X	46059B*	E-346	A		
44061F			DF	46059B*	E-346, 347, 355	A		
44061G			A	46059B*	E-347, 355	A		
44061H			DD	46059B*	E-347, 355	A		
44061I			DD	46059A	E-356-1	A		
44061J			DD	1CPL	E-356-1	A		
44061K			DD	1CPR	E-356-1, 356-6	A		
44061L			DD	1CPM	E-356-1, 356-6	A		
44061M			DD	57092A	E-356-8	A		
44061N			FF	57092A	E-356-8	A		
44061O			ACD117J	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	A
44061P					Y	1CKA	E-346	A
44061Q					Y	1CKD	E-346	A
44061R					Y	46059B	E-346	A
44061S					X	46059B*	E-346	A
44061T					DF	46059B*	E-346, 347, 355	A
44061U					A	46059B*	E-347, 355	A
44061V					DD	46059B*	E-347, 355	A
44061W					DD	46059A	E-347, 355	A
44061X					DD	1CPL	E-356-1	A
44061Y					DD	1CPM	E-356-1, 356-6	A
44062A			CC	1CPM	E-347, 351-4	A		
44062B			U	1CJM	E-349-3, 351-4	A		
44062C			V	1CJM	E-349-3, 350	A		
44062D			V	1CFF	E-350	A		
44062E			V	1CFF	E-336	A		
44061			ACD117K	MP0371C CONTROL CIRCUIT	G	28059A	E-336	A
44076					Q	36059A	E-338	D
44076A					Q	36059A	E-338	A
44076B					Q	36059A	E-338	A
44076C					Q	1CG2	E-338	A
44076D	Q	1CGC			E-338	A		
44076E	Q	36090A			E-338	A		
44076F	Q	JB3607			E-338	A		
44076G	Q	36084B			E-338	A		
44076H	DUCT	36084B*			E-339	A		
44076I	E	1CEC			E-335	A		
44076J	A	1CEC	E-335	A				
44076K	A	27115	E-335	A				
44076L	A	27115A*	E-333	A				
44076M	UU	27115A*	E-339	A				
44076N	II	27115A*	E-339	A				
44076O	UU	27115B*	E-339	A				
44076P	II	27115B*	E-339	A				
44076Q	CC	27115B*	E-344	A				
44076R	DD	27115B*	E-356-1	A				
44076S	DD	27115C	E-356-1	A				
44076T	DD	1CPL	E-356-1	A				
44076U	DD	1CJM	E-356-1, 356-6	A				
44076V	CC	1CJM	E-347, 351-4	A				
44076W	U	1CJM	E-349-3, 351-4	A				
44076X	V	1CJM	E-349-3, 350	A				
44076Y	V	1CFF	E-350	A				
44076Z	G	1CFF	E-336	A				
44077	G	28059A	E-336	A				
44078	Y	46920A	E-346	A				
44079	II	46920A	E-346	A				
44080	DF	46920A	E-346	A				
44081	A	46920A	E-349-2	A				
44082A	AB	46920A	E-335	A				
44082	G		E-335	A				
44083	FF		E-353	A				
44084	Y		E-346	A				
44085	AB		E-335	A				
44086	AB		E-335	A				
		BE1191	MP0371B CIRCUIT BREAKER (INTLK)					
		C5704	MP0371C CONTROL ROOM PANEL (CH. A)					
		D117	MP0371C MCC D1 CUBICLE (CH. A)					
		FPS2MU105B	MP0371C PRESSURE SWITCH (CH. A)					
		MP371C	MU PUMP 1-1 AUX LUBE OIL PUMP (CH. A)					
		NP371C	MP0371C LOCAL CONTROLLER (CH. 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
44087	MUPS	P-371C	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	ACPO2B	E-356-8	
44104					DD	ACPO2B	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
44169					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	3 A
44173			ACBE1192K	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	3 A
44156A			ACBE1192L	MP0371D CONTROL CIRCUIT	Y	46207A	E-346	3 A
44156B					Y	1CKA	E-346	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
44156C	MUPS	P-371D	ACBE1192L	MP0371D CONTROL CIRCUIT	Y	36357C	E-346	A
44156D					Q	36357C	E-338	A
44156E					Q	1CGC	E-338	A
44156F					Q	36312A	E-338	A
44156G					R	36312A	E-338	A
44156H					R	36312A	E-338	A
44156I					P	36312A	E-338	A
44156J					P	J83623	E-338	A
44156K					P	36312B	E-338	A
44156L					P	36312B	E-338	A
44156M					A	36312B	E-338, 349-2	A
44156N					A	J83714	E-349-2	A
44156P					A	36312C	E-349-2	A
44156Q					V	36312C	E-349-3	A
44156R					V	1CJM	E-349-3, 350	A
44156S					G	1CFF	E-350	A
44171A					G	28059A	E-336	A
44171B			ACBE1192M	MP0371D CONTROL CIRCUIT	G	36509A	E-338, 351-1	A
44171C					Q	1CGZ	E-338, 351-1	A
44171D					Q	1CGC	E-338, 351-1	A
44171E					Q	36312A	E-338	A
44171F					R	36312A	E-338	A
44171G					P	36312A	E-338	A
44171H					P	J83623	E-338	A
44171I					P	36312B	E-338	A
44171J					A	36312B	E-338, 349-2	A
44171K					A	J83714	E-349-2	A
44171L					A	36312C	E-349-2	A
44171M					V	36312C	E-349-3	A
44171N					V	1CJM	E-349-3, 350	A
44171P					V	1CFF	E-350	A
44171Q					G	1CFF	E-336	A
44174			APBE1192A	MP0371D POWER CIRCUIT	G	28059A	E-336	A
44175					AB	27509A	E-335	A
44175A					G	27509A	E-335	A
44176			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	A
44177			BE1192	MP0371D CIRCUIT BREAKER (CH. A)	G		E-335	A
44182			C5704	MP0371D CONTROL ROOM PANEL (CH. A)	FF		E-353	A
44177A			D117	MP0371D DISCONNECT SWITCH (CH. 1)	G		E-355	A
44178			FPSMU102B	MP0371C MCC D1 CUBICLE (INTLK)	Y		E-346	A
44179			NP371D	MP0371D PRESSURE SWITCH (CH. A)	AB		E-335	A
44180			NP371D	MU PUMP AUX GEAR L.O. PUMP (CH. A)	AB		E-335	A
44181			RC2825	MP0371D LOCAL CONTROLLER (CH. A)	AB		E-335	A
44200		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	G		E-336	A
44201					FF	BCP02D	E-356-8	A
44202					DD	BCP02D	E-356-8	A
44203					DD	BCPC	E-356-4	A
44204					DD	BCPR	E-356-4	A
44205					DD	BCPE	E-356-4	A
44206					DD	BCEQ	E-356-4	A
44207					CC	BCEQ	E-347	A
44208					U	BCEQ	E-349-3	A
44209					G	BCEQ	E-335	A
44210					G	27399A	E-335	A
44211					A	27399A	E-335	A
44212			BCBF1167C	MP0372B CONTROL CIRCUIT	G	28247A	E-336	A
44213					AB	28247A	E-336	A
44214					AB	BCFE	E-336	A
44215					AB	BCFE	E-350	A
44216					DG	BCFE	E-348	A
44217					V	BCFE	E-348	A
44218					V	48090B	E-348	A
44219					V	BCFE	E-348	A
44220					V	BCLB	E-347	A
44221					DD	BCLB	E-356-4	A
44222					DD	BCPE	E-356-4	A
44223					DD	BCEQ	E-356-4	A
44224					CC	BCEQ	E-347	A
44225					U	BCEQ	E-349-3	A
44226					G	BCEQ	E-335	A
44227					G	27399A	E-335	A
44228					A	27399A	E-335	A
44229			BCBF1167D	MP0372B CONTROL CIRCUIT	AB	27446A	E-335	A
44232			BF1167	MP0372B CIRCUIT BREAKER (CH. B)	A	27440A	E-335	A
44230			BPBF1167A	MP0372B POWER CIRCUIT	A		E-335	A
44231					A	27439A	E-335	A
44233			C5704	MP0372B CONTROL ROOM PANEL (CH. B)	AB	27439A	E-335	A
44234			MP372B	MU PUMP 1-2 MN LUBE OIL PUMP (CH. B)	FF		E-353	A
					AB		E-335	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	
44235	MUPS	P-372B	NP372B RC2826	MP0372B LOCAL CONTROLLER (CH. B)	AB		E-335		
44236				MP0372B RELAY CABINET (CH. B)	G		E-336		
44300		P-372C	AD105 BCD217B	MP0372C CIRCUIT BREAKER (INTLK)	Q		E-338		
44301				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		
44362					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		

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
44369	MUPS	P-372C	BCD217G	MP0372C CONTROL CIRCUIT	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					A	36183C	E-335					
44385					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					FF		E-353					
44393					X		E-346					
44394					AB		E-335					
44395					AB		E-335					
44396					AB		E-335					
44397					G		E-336					
44507					P-372D	P-372D	AD105	MP372D CIRCUIT BREAKER (CH. B)	Q		E-338	
44400									AB	27445A	E-335	
44401									AB	27440A	E-335	
44402									G	27440A	E-335	
44403									A	27440A	E-335	
44404									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	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	G	28247A	E-336									
44432	AB	28247A	E-336									
44433	AB	BCFE	E-336									
44434	AB	BCFE	E-336									
44435	AB	BCFE	E-350									
44436	DG	BCFE	E-348									
44437	V	BCFE	E-348									
44438	V	48090B	E-347, 348									
44439	V	BCLB	E-347, 348									
44440	DD	BCLB	E-356-4									
44441	DD	BCPE	E-356-4									
44442	DD	BCEQ	E-356-4									
44443	CC	BCEQ	E-347									
44444	U	BCEQ	E-349-3									
44445	G	BCEQ	E-335									
44446	G	27399A	E-335									
44446	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
44447	MUPS	P-372D	BCBF1168F	MP372D CONTROL CIRCUIT	AB	27217C	E-335	
44448					AB	27217A	E-335	
44449					G	27217A	E-335	
44450					G	BCEQ	E-335	
44451					U	BCEQ	E-349-3	
44452					CC	BCEQ	E-347	
44453					DD	BCEQ	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	BCFE	E-336	
44463					G	28247A	E-336	
44464					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			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	A	BF1167	MP0372B CIRCUIT BREAKER (INTLK)					
44506	A	BF1168	MP372D CIRCUIT BREAKER (CH. B)					
44499	A	BPBF1168A	MP372D POWER CIRCUIT					
44500	AB			27437A				
44501	FF			27437A				
44501A	X	C5704	MP372D CONTROL ROOM PANEL (CH. B)					
44502	AB	D217	MP0372C MCC D2 CUBICLE (INTLK)					
44503	AB	FPSMU102A	MP372D PRESSURE SWITCH (CH. B)					
44504	AB	MP372D	MU PUMP AUX GEAR L.O. PUMP (CH. B)					
44505	AB	NP372D	MP372D LOCAL CONTROLLER (CH. B)					
44505	G	RC2826	MP372D RELAY CABINET (CH. B)					
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	
44607			S		E-338			
44608			FF	ACP02B	E-356-8			
44609			DD	ACP02B	E-356-8			
44610			DD	ACPG	E-356-2			
44611			DD	ACPJ	E-356-2			
44612			DD	ACGF	E-356-2			
44613			II	ACGF	E-338, 349-1			
44614			S	ACGF	E-338			
		AC105	MP0371A CIRCUIT BREAKER (CH. 1)					
		ACAC105B	MP0371A CONTROL CIRCUIT					

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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		
44615	MUPS	P37-1	ACAC105B ACAC105C	MP0371A CONTROL CIRCUIT	S	36508A	E-338	D		
44616				MP0371A CONTROL CIRCUIT	FF	ACPO2B	E-356-8	D		
44617				MP0371A CONTROL CIRCUIT	DD	ACPO2B	E-356-8	D		
44618						DD	ACPG	E-356-2	D	
44619						DD	ACPG	E-356-2	D	
44620						DD	ACGF	E-356-2	D	
44621						DD	ACGF	E-356-2	D	
44622						II	ACGF	E-338	D	
44623						S	ACGF	E-338	D	
44628D						S	36508A	E-338	D	
44628E					ACAC105D	MP0371A CONTROL POWER	AB	36032B*	E-333, 337	D
44632					ACAC105E	MP0371A CONTROL CIRCUIT	DUCT	36032B*	E-333, 337	D
44633							AB	27291A	E-335	D
44634							AB	36032C	E-335	D
44634A							AB	36032B*	E-333, 337	D
44634B							AB	36032B*	E-333, 337	D
44634D							A	36032B*	E-333, 337	D
44634E							A	36032B*	E-333, 337	D
44635							DUCT	36032B*	E-333, 337	D
44636					S	36032A	E-338	D		
44637					S	36508A	E-338	D		
44638					S	ACGF	E-338	D		
44639			ACAC105F	MP0371A CONTROL CIRCUIT	AB	27290B	E-335	D		
44640					AB	27290A	E-335	D		
44641					G	27290A	E-335	D		
44642					AB	36032C	E-335	D		
44642A					AB	36032B*	E-333, 337	D		
44642C					AB	36032B*	E-333, 337	D		
44642D					A	36032B*	E-333, 337	D		
44642E					A	36032B*	E-333, 337	D		
44643					DUCT	36032B*	E-333, 337	D		
44644					S	36032A	E-338	D		
44645					S	ACGF	E-338	D		
44665			ACAC105K	MP0371A CONTROL CIRCUIT	S	36508A	E-338	D		
44666					AB	27088A	E-335-1	D		
44667					AB	27354A	E-335	D		
44668					G	27354A	E-335	D		
44669					G	ACAB	E-335, 336	D		
44670					G	ACFA	E-336	D		
44671					G	JB2805	E-336	D		
44672					G	ACFH	E-336	D		
44673					G	28253A	E-336	D		
44615A			ACAC105L	MP0371A CONTROL CIRCUIT	G	28300B	E-336	D		
44615B					S	36509A	E-338, 351-1	A		
44615C					S	1CGZ	E-338, 351-1	A		
44615D					S	1CGC	E-338, 351-1	A		
44615E					S	36312A	E-338	A		
44615F					R	36312A	E-338	A		
44615G					P	36312A	E-338	A		
44615H					P	JB3623	E-338	A		
44615I					P	36312B	E-338	A		
44615J					A	36312B	E-338, 349-2	A		
44615K					A	JB3714	E-349-2	A		
44615L					A	36312C	E-349-2	A		
44615M					V	36312C	E-349-3	A		
44615N					V	1CJM	E-349-3	A		
44615P					U	1CJM	E-349-3, 351-4	A		
44615Q					CC	1CJM	E-347, 351-4	A		
44615R					DD	1CJM	E-356-6	A		
44615S					DD	1CPL	E-356-6	A		
44615T					DD	1CPR	E-356-6	A		
44615U					DD	1CPM	E-356-6	A		
44615V					DD	57092A	E-356-4	A		
44623A			ACAC105M	MP0371A CONTROL CIRCUIT	FF	57092A	E-353	A		
44623B					S	36509A	E-338, 351-1	A		
44623C					S	1CGZ	E-338, 351-1	A		
44623D					S	1CGC	E-338, 351-1	A		
44623E					S	36312A	E-338	A		
44623F					R	36312A	E-338	A		
44623G					P	36312A	E-338	A		
44623H					P	JB3623	E-338	A		
44623I					P	36312B	E-338	A		
44623J					A	36312B	E-338, 349-2	A		
44623K					A	JB3714	E-349-2	A		
44623L					A	36312C	E-349-2	A		
44623M					V	36312C	E-349-3	A		
44623N					V	1CJM	E-349-3	A		
44623P					U	1CJM	E-349-3, 351-4	A		
44623Q					CC	1CJM	E-347, 351-4	A		
					DD	1CJM	E-356-4	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	
44623R	MUPS	P37-1	ACAC105H	MP0371A CONTROL CIRCUIT	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					DD	57092A	E-356	3 A	
44664A					FF	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	J83623	E-338	3 A	
44664H					P	36312B	E-338	3 A	
44664I					A	36312B	E-338, 349-2	3 A	
44664J					A	J8714	E-349-2	3 A	
44664K					A	36312C	E-349-2	3 A	
44664L					V	36312C	E349-3	3 A	
44664M					V	1CJM	E349-3, 350	3 A	
44664N					V	1CFF	E-350	3 A	
44664P					G	1CFF	E-336	3 A	
44664Q					G	28059A	E-336	3 A	
44674		S	36031A	E-338	3 A				
44675		DUCT	36031B*	E-333	3 A				
44675A		AB	36031B*	E-333, 337	3 A				
44675B		A	36031B*	E-333, 337	3 A				
44675C		AB	36031B*	E-333, 337	3 A				
44675D		AB	36031B*	E-333, 337	3 A				
44676		AB	36031B*	E-333, 337	3 A				
44678		K	36031C	E-335	3 A				
44679		FF		E-338	3 A				
44680		AB	C3615 MP0371A ELECT CTRL & RLY BD (CH. 1)	E-353	3 A				
44681		AB	C5704 MP0371A CONTROL ROOM PANEL (CH. 1)	E-335	3 A				
44682		AB	FPS3MU105B MP0371A PRESSURE SWITCH (CH. A)	E-335	3 A				
44683		AB	MP0371A MAKE UP PUMP 1-1 (CH. A & 1)	E-335-1	3 A				
44684		AB	MV6405 MP0371A CONTROL CIRCUIT	E-335	3 A				
		AB	NP371A MP0371A LOCAL CONTROLLER (CH. A)	E-336	3 A				
		AB	RC2825 MP0371A RELAY CABINET (CH. A)	E-336	3 A				
44700		P37-2	P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	J	36919B	E-338	3 A
44701						J	2CGS	E-338	3 A
44702						J	36176C	E-338	3 A
44704						DUCT	36176B*	E-337	3 A
44705						Q	36176A	E-338	3 A
44706						Q	36709A	E-338	3 A
44707						Q	2CGE	E-338	3 A
44811						Q		E-338	3 A
44708						FF	BCP02D	E-356-8	3 A
44709						DD	BCP02D	E-356-8	3 A
44710	DD					BCPC	E-356-4	3 A	
44711	DD					BCPD	E-356-4	3 A	
44712	DD					BCPR	E-356-4	3 A	
44713	DD					BCPF	E-356-4	3 A	
44714	DD					BCGN	E-356-4	3 A	
44715	A					BCGN	E-347, 356-4	3 A	
44716	A					BCGN	E-349-2	3 A	
44717	P					BCGN	E-338	3 A	
44718	Q					BCGN	E-338	3 A	
44719	Q					36708A	E-338	3 A	
44720	Q					BCGD	E-338	3 A	
44721	FF		BCP02D	E-356-8	3 A				
44722	DD		BCP02D	E-356-8	3 A				
44723	DD		BCPC	E-356-4	3 A				
44724	DD		BCPD	E-356-4	3 A				
44725	DD		BCPR	E-356-4	3 A				
44726	DD		BCPF	E-356-4	3 A				
44727	DD		BCGN	E-356-4	3 A				
44728	A		BCGN	E-347, 356-4	3 A				
44729	A		BCGN	E-349-2	3 A				
44730	P		BCGN	E-338	3 A				
44731	Q		BCGN	E-338	3 A				
44732	Q		36708A	E-338	3 A				
44733	Q		BCGD	E-338	3 A				
44742	AB		27289A	E-335	3 A				
44743	AB		36132C	E-335	3 A				
44744	AB		36132B*	E-333	3 A				
44744A	G		36132B*	E-333	3 A				
44744B	AB		36132B*	E-333	3 A				
44744C	A		36132B*	E-333, 337	3 A				
44744D	A		36132B*	E-333, 337	3 A				
44744E	DUCT		36132B*	E-333, 337	3 A				
44745	Q		36132A	E-338, 351-2	3 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
44746	MUPS	P37-2	BCAD105E	MP0372A CONTROL CIRCUIT	Q	BCGL	E-338	
44747					Q	36708A	E-338	
44748					Q	BCGD	E-338	
44749					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			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			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	AB	27355A	E-335-1					
44796	G	27355A	E-335-1					
44797	U	BCEQ	E-335, 335-1					
44798	U	BCEQ	E-351-4					
44799	U	37475C	E-349-3					
44800	U	BCND	E-349-3					
44801	A	BCND	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					
44806	DF	BCKR	E-346, 347					
44807	DF	46856D	E-346, 347					
44808	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					
44812	J		E-338					
44813	FF		E-333					
44814	AB		E-335					
44815	AB		E-335					
44816	AB		E-335-1					
		C3616	MP0372A ELECT CTRL & RLY BD (CH. 2)					
		C5704	MP0372A CONTROL ROOM PANEL (CH. B)					
		FPS3MU105A	MP0372A PRESSURE SWITCH (CH. B)					
		MP0372A	MAKE UP PUMP 1-2 (CH. B & 2)					
		MV3971	RC MU PUMP SUCTION VALVE (CH 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	
44817	MUPS	P37-2	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 CONTROL CIRCUIT	G	NIPPLE	E-335			
44901	ACV1453C		WC1453 CONTROL CIRCUIT	G	27633A	E-335			
44902				ACEM	E-335				
44903				27570A	E-335				
44904				ACFB	E-335				
44905				ACDA	E-335				
44906				ACDA	E-332				
44907				ACDD	E-332				
44908				ACDD	E-332				
44909				ACDE	E-332				
44910		ACV1453D		WC1453 CONTROL CIRCUIT	A	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					G	27633B	E-335		
44920			ACV1453E ACV1453F		WC1453 INDICATING 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					A		E-332		
44946					FF		E-353		
44941			C1702	WC1453 CONTROL CABINET					
44942			C5718	WC1453 CONTROL ROOM PANEL (CH A)					
44944			EV1453	WC1453 TERMINAL BOX (CH A)	G		E-335		
44944			NV1453	WC1453 LOCAL CONTROLLER (CH A)	G		E-335		
44947			RC3715	WC1453 RELAY CABINET	G		E-349		
44947			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		

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			
45134	MUPS	WC1743	ACV1743C	WC1743 CONTROL CIRCUIT	AB	ACDD	E-332				
45135			ACV1743D	WC1743 CONTROL CIRCUIT	A	ACDE	E-332				
45136						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						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						A	17609C	E-322			
45160					ACV1743F	WC1743 INDICATING CIRCUIT	A	17609E	E-332		
45161					ACV1743G	WC1743 CONTROL CIRCUIT	A	ACDD	E-332		
45162							A	ACDD	E-332		
45163							AB	ACDA	E-332, 351-4		
45164							AB	ACDA	E-335, 351-4		
45165							G	ACDA	E-349, 3, 351-4		
45166							U	ACDA	E-347, 351-4		
45167							CC	ACDA	E-356-2		
45168							DD	ACDA	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					C5718	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	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								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						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						A	17610C	E-332			
45030					BCV1747F	WC1747 INDICATING CIRCUIT	A	17610D	E-332		
45031					BCV1747G	WC1747 CONTROL CIRCUIT	A	17610D	E-332		
45033							G	17610D	E-335		
45034							G	BCEQ	E-335		
45035							U	BCEQ	E-349		
45036							CC	BCEQ	E-347		
45037							DD	BCEQ	E-356		
45038							DD	BCPR	E-356		
45039							DD	BCPC	E-356		
							DD	BCEP20B	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			
45040	MUPS	WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	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			NI	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				FF		E-353					
45123	C5718	WC3560 CONTROL ROOM PANEL (CH A)		G		E-335					
45124	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		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	J83925	E-369				
45205					D	J85874A	E-369				
45206			1LNF5874B	NE5874, NI5874A INDICATING CIRCUIT	D	J83925	E-369				
45207					D	39085B	E-369				
45208					D	J83927	E-369				
45209					D	39085A	E-369, 366				
45210					AB	Exposed	E-366				
45211					D	J85874A	E-366				
45212			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				
45215					V	48554C	E-348				
45216				V	J84850	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				DG		E-348					
45225		C4808	NE5874, NI5874A CONTROL PANEL	FF		E-353					
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	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	J83925	E-369				
45305				D	J85874A	E-346					
45306	1LNF5874B		NE-5874, NI-5874C IND CIRCUIT	D	J83925	E-369					
45307				D	39085B	E-369					

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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				
45308	NI	NI-5874C	1LNF5874B	NE-5874, NI-5874C IND CIRCUIT	D	J83927	E-369					
45309					D	39085A	E-366, 369					
45310					AB	Exposed	E-366					
45311					D	J85874A	E-346					
45312					DG	48554A	E-348					
45313					DG	48554B	E-348					
45314					DG	48554B	E-348					
45315					DG	48554B	E-348					
45318					DG	48554B	E-348					
45319					D		E-365					
45320					DG		E-348					
45321					DG		E-348					
45322					DG		E-348					
45316					D		E-369					
45317					DG		E-348					
45400					NI-5875A	NI-5875A	2LNF5875A	NE5875, NI5875A INDICATING CIRCUIT	D	C3912	E-369	
45401									D	39035B	E-369, 365	
45402									D	J83924	E-369	
45403									D	39180A	E-369	
45404									D	J83923	E-369	
45405	D	J85875A	E-369									
45406	2LNF5875B	NE5875, NI5875A INDICATING CIRCUIT	D	J83923					E-369			
45407	D	39179A	E-369									
45408	A	Exposed	E-366									
45409	D	J85875A	E-369									
45410	2LNF5875C	NE5875, NI5875A INDICATING CIRCUIT	DF	J83682					E-346			
45411	DF	46961A	E-346									
45412	DF	J84681	E-346									
45413	DF	2CKP	E-346									
45414	DF	FIELD	E-346									
45415	2LNF5875E	NE5875, NI5875A INDICATING CIRCUIT	DF	46961C					E-346			
45416	DF	J84677	E-346									
45417	DF	46961G	E-346, 347									
45418	DF	J84678	E-347									
45419	2LNF5875G	NE5875, NI5875A INDICATING CIRCUIT	DF	46961J					E-347			
45420	DF	46961D	E-347									
45421	DF	J84712	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			
45432	NI5875A	EX-CORE NEUTRON FLUX SR INDICATOR	FF						E-353			
45433	NY5875B	EX-CORE NEUTRON FLUX AMPLIFIER	DF						E-343, 346			
45434	NY5875C	SIGNAL PROCESSOR	DF						E-353			
45427	P2L2C1	NE5875, NI5875A PENE TERMINAL BOX	D						E-366			
45428	P2L2CX	NE5875, NI5875A PENE TERMINAL BOX	DF						E-343, 346			
45600	NI-NI1	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									DF	47550A	E-347	
45604									DD	47550A	E-356-1	
45605					FF	47550A	E-356-1					
45606					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-3788-3					
45612					D	39034A	E-365, 362					
45613					A	Exposed	E-3788-3					
45614					D	39034A	E-365, 362					
45615					A	Exposed	E-3788-3					
45616					D	Exposed	E-365					
45617					D		E-365					
45618					D		E-365					
45619					C5755E	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	FF		E-353			
45620	NE-NI1	SOURCE RANGE ELEMENT (CH. 2)	D		E-365							
45621	NI-NI1	SOURCE RANGE INDICATOR (CH. 2)	FF		E-353							
45622	NT-NI1	SOURCE RANGE TRANSMITTER (CH. 2)	D		E-365							
45623	P2L4G1	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	NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350					
45701					V	38600A	E-350, 349-3					

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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		
45702	NI	NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	U	38600A	E-349-3			
45703					CC	38600A	E-347			
45704					DD	38600A	E-356-1			
45705					FF	38600A	E-356-1			
45706					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					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			D	39010D	E-365, 368					
45719			D	39006D	E-365					
45720			D	39006C	E-368					
45721			D	39006B	E-365					
45722			AB	Exposed	E-378B-3					
45723			D	39006D	E-365					
45724			D	39006C	E-368					
45725			D	39006B	E-365					
45726			AB	Exposed	E-378B-3					
45727			D	39006D	E-365					
45728			D	39006C	E-368					
45729			D	39006B	E-365					
45730			AB	Exposed	E-378B-3					
45731			D	39006D	E-365					
45732			D	39006C	E-368					
45733			FF	39006B	E-365					
45734			D	39006D	E-365					
45735			FF	39006C	E-368					
45736			D	39006B	E-365					
45737			D	39006D	E-365					
45738			AB	Exposed	E-378B-3					
44799A			NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	AB	27134C	E-335	1 A
44799B							AB	J82709	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					
44799S	FF	C5755G			E-356-1					
44799V	DD	5755G9			E-356-1					
44799W	DD	5755G9			E-356-1					
44799X	FF	C5755H			E-356-1					
44799S	FF	2LP55J			E-356-1	1 A				
44799T	DD	2LP55J			E-356-1	1 A				
44799U	DD	5755G8			E-356-1	1 A				
44799V	DD	J15722			E-356-1	1 A				
44799W	DD	57093A			E-356-1	1 A				
44799X	FF	57093A			E-356-1	1 A				
44799P	FF				E-353					
44799Q	AB				E-335					
44799R	FF				E-353					
44799S	AB				E-335					
44796A	FI-MU34	2LLMU34A			FT, FI-MU34 INDICATING CIRCUIT	AB	27134B	E-335	1 A	
44796B						AB	J82709	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	

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				
44796I	NNI	FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	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		FF		E-353								
44798G		FE-MU34	RC MU FLOW ELEMENT	E-335								
44798H		FI-MU34	RC MU FLOW INDICATOR	E-353								
44798I		FT-MU34	RC MU FLOW TRANSMITTER	E-335								
45740		F16425	F16425	1LL6425A				FT, F16425 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	485588*	E-348					
45747A					V	485588*	E-348					
45748					V	JB4854	E-348					
45749					V	17815C	E-353					
45750					FF	17815C	E-348					
45751					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, F16425 CONTROL ROOM PANEL (CH A)	E-353						
45758	C5705				FT, F16425 CONTROL ROOM PANEL (CH A)	E-353						
45756	C5763A		FT, F16425 CONTROL ROOM PANEL (CH A)	E-353								
45760	F16425		RC MU FLOW INDICATOR (CH A)	E-353								
45759	FT6425		RC MU FLOW TRANSMITTER (CH A)	E-332								
45761	JT5721		FT, F16425 JUNCTION BOX (CH A)	E-356								
45762	JY6425		FT, F16425 POWER SUPPLY (CH A)	E-353								
45763	Y1		ESSEN 120V AC INST DIST PNL Y1 (CH 1)	E-346								
45770	F16435		F16435	1LL6435A	FT, F16435 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	485588*	E-348				
45777A						V	485588*	E-348				
45778						V	JB4854	E-348				
45779						V	17815C	E-353				
45780						FF	17815C	E-348				
45781		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, F16435 CONTROL ROOM PANEL (CH B)	E-353					
45788		C5703				FT, F16435 CONTROL ROOM PANEL (CH B)	E-353					
45786		C5763A	FT, F16435 CONTROL ROOM PANEL (CH B)	E-353								
45791		F16435	RCMU FLOW INDICATOR (CH B)	E-353								
45790		FT6435	RCMU FLOW TRANSMITTER (CH B)	E-353								
45789		JT5721	FT, F16435 JUNCTION BOX (CH B)	E-332								
45792		JY6435	FT, F16435 POWER SUPPLY (CH B)	E-356								
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					

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

APPENDIX B-1

DATE : 11/ 0

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
45804	NNI	FYI-HP03A	2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	DUCT	36207B*	E-337, 342			
45805			R	36207A	E-338					
45805A			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			R	36270A	E-338					
45813			FF	C3629	FYIHP03A CONTROL CABINET (CH. 2)					
45814			FF	C5716	FYIHP03A CONTROL ROOM PANEL (CH. 2)					
45815			FF	FYIHP03A	HPI FLOW INDICATOR					
			A	LFTHP03A	FYIHP03A FLOW TRANSMITTER (CH. 2)					
45902			FYI-HP03A1	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	R	36337A			E-338					
45901	R	36337B			E-338					
45908	R	C3629			FYIHP03A1 CONTROL CABINET (CH. 2)					
45909	R	C3630			FYIHP03A1 AUX. S/D PANEL (CH. 2)					
45910	R	FYIHP03A1			HPI FLOW INDICATOR (ASP) (CH. 2)					
45911	A	LFTHP03A			FYIHP03A1 FLOW TRANSMITTER (CH. 2)					
46000	FYI-HP03B	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			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			R	C3629	FYIHP03B CONTROL CABINET (CH. 2)					
46014			FF	C5716	FYIHP03B CONTROL ROOM PANEL (CH. 2)					
46015	FF	FYIHP03B	HPI FLOW INDICATOR (CH. 2)							
46016	A	LFTHP03B	FYIHP03B FLOW TRANSMITTER (CH. 2)							
46102	FYI-HP03B1	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			R	36337A	E-338					
46101			R	36337B	E-338					
46108			R	C3629	FYIHP03B1 CONTROL CABINET (CH. 2)					
46109			R	C3630	FYIHP03B1 AUX. S/D PANEL (CH. 2)					
46110			R	FYIHP03B1	HPI FLOW INDICATOR (ASP) (CH. 2)					
46111			A	LFTHP03B	FYIHP03B1 FLOW TRANSMITTER (CH. 2)					
46200			FYI-HP03C	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					
46205	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	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	R	C3628	FYIHP03C CONTROL CABINET (CH. 1)							
46219	FF	C5716	FYIHP03C CONTROL ROOM PANEL (CH. 1)							
46220	FF	FYIHP03C	HPI FLOW INDICATOR (CH. 1)							
46221	AB	LFTHP03C	FYIHP03C FLOW TRANSMITTER (CH. 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		
46302	NNI	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			R	36336A	E-338					
46312			R	36336B	E-338					
46313			R		E-338					
46314			R		E-338					
46315			AB		E-336					
46400			FYI-HP03D	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	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	R				E-338					
46418	FF				E-353					
46419	FF		E-353							
46420	AB		E-336							
46502	FYI-HP03D1	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			R	36336A	E-338					
46501			R	36336B	E-338					
46512			R		E-338					
46513			R		E-338					
46514			R		E-338					
46515			AB		E-336					
46600			LI-RC14-1	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	J83720					E-349-2			
46605	A	36582B					E-349-2			
46606	P	36582B					E-338			
46607	R	36582B					E-338			
46608	D	39186B					E-369			
46609	D	39186A			E-369					
46610	AB	Exposed			E-378B-3					
46611	R				E-338					
46612	R				E-338					
46613	D				E-369					
46614	D				E-369					
46615	AB				E-350					
46700	LI-RC14-2	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			D	39274A (C)	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
46706 46707 46708 46709 46710 46711 46712	NMI	LI-RC14-2	2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D A R R D D DF	49074A Exposed (C)	E-362 E-3788-3 E-338 E-338 E-369 E-366 E-347	
46810 46811 46812 46813 46814 46815 46816 46817 46800 46801 46802 46802A 46803 46804 46805 46806 46807 46808 46809 46818 46819 46820 46821 46822 46823 46824 46825 46826 46827			LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB V A A A A P R	37725A 37725A 37725A 37725A JB3720 36582B 36582B	E-350 E-349-3, 350 E-349-2 E-349-2 E-349-2 E-349-2 E-338 E-338
46802 46803 46804 46805 46806 46807 46808 46809 46818 46819 46820 46821 46822 46823 46824 46825 46826 46827	LI-RC14-3	1LRC143C		LT-RC14-3, LI-RC14-3 IND CIRCUIT	FF DD DD DD DD A A A A P R	5702A1 JB5702 37726D 37726C 37726A 37726A 37726A JB3720 36582A 36582A	E-356-8 E-356-1 E-356-1 E-356-1 E-356-1 E-347 E-349-2 E-349-2 E-349-2 E-338 E-338	
46818 46819 46820 46821 46822 46823 46824 46825 46826 46827		LI-RC14-4	2LRC141B	1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	D D AB R FF R FF D D AB	39186B 39186A Exposed	E-369 E-369 E-3788-3 E-338 E-353 E-338 E-353 E-369 E-369 E-350
46909 46910 46911 46912 46913 46900 46901 46902 46903 46904 46905 46906 46907 46908 46914 46915 46916 46917 46918 46919 46920 46921 46922 46923	LI-RC14-4			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	DF DF A P R FF DD DD DD DD DF DF A P R	36591B 36591A 36591A 36591A 36591A 36591G 36591G 36591C 36591C 36591C 36591A 36591A 36591A 36591A	E-347 E-347 E-349-2 E-338 E-338 E-353 E-356-1 E-356-1 E-356-1 E-347 E-347 E-349-2 E-338 E-338
46914 46915 46916 46917 46918 46919 46920 46921 46922 46923		LI-RC14-4	2LRC141Y	C3630 C5705 LI-RC14-2 LI-RC14-4 LT-RC14-1 P2L4GI P2L4GX	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D D A R FF R FF D D DF	39274A 49074A Exposed	E-369 E-362 E-3788-3 E-338 E-353 E-338 E-353 E-369 E-366 E-347
47009 47010 47011 47012 47013 47001 47002 47003 47004 47005 47006 47007 47008 47014 47015 47016	LI-SP09A1			2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF DF A P R DD DD DD DF DF A P R	36591B 36591A 36591A 36591A 36591A 36591F 36591E 36591C 36591C 36591A 36591A 36591A 36591A	E-347 E-347 E-349-2 E-338 E-338 E-356-1 E-356-1 E-356-1 E-347 E-347 E-349-2 E-338 E-338
47001 47002 47003 47004 47005 47006 47007 47008 47014 47015 47016		LI-SP09A1	2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	D D DD DD DF DF A P R	29074A 49074A Exposed	E-369, 373 E-369, 366 E-3788-3	
47001 47002 47003 47004 47005 47006 47007 47008 47014 47015 47016	LI-SP09A1		2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D D A	Exposed		

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
47017 47018 47019 47020 47021 47022 47000	NMI	LI-SP09A1	C3630 C5712 LI-SP09A1 LI-SP09A3 LT-SP09A3 P2L4GI P2L4GX	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL LT-SP09A3, LI-SP09A1 CTRL RM PNL SG 1-2 START-UP LEVEL INDICATOR (CH. 2) SG 1-2 START-UP LEVEL INDICATOR (CH. 2) SG 1-2 START-UP LEVEL TRANSMITTER LT-SP09A3, LI-SP09A3, 1 PENET BOX LT-SP09A3, LI-SP09A3, 1 PENET BOX	R FF FF R D D DF		E-338 E-353 E-353 E-338 E-373 E-366 E-347	
47100 47101 47102 47103 47104 47105 47106 47107 47108 47109 47110 47111 47112			LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF DF A P R D D A R D D DF	36591B 36591A 36591A 36591A 36591A 29074A 49074A Exposed	E-347 E-347 E-349-2 E-338 E-338 E-369, 373 E-369, 366 E-3788-3 E-338 E-338 E-373 E-366 E-347
47200 47201 47202 47203 47204 47205 47206 47207 47208 47209 47210 47211 47212 47213	LI-SP09A8	2LSGLT21A		C3630 LI-SP09A3 LT-SP09A3 P2L4GI P2L4GX	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL SG 1-2 START-UP LEVEL INDICATOR (CH. 2) SG 1-2 START-UP LEVEL TRANSMITTER LT-SP09A3, LI-SP09A3, 1 PENET BOX LT-SP09A3, LI-SP09A3, 1 PENET BOX	D DF DD FF DF DF A D D FF FF D D DF	47402A 2LP92B 2LP92A 2LP92A 57961A JB4707 Exposed 29134A 29134B	E-347 E-353 E-356-1 E-356-1 E-356 E-347 E-3788-3 E-373 E-373 E-353 E-353 E-373 E-366 E-347
47900 47901 47902 47903 47904 47905 47906 47907 47908 47909 47910 47911 47912 47913 47915 47914 47920 47918 47919 47916 47917			LI-SP09A8A	2LSGLT21A	C5792A LI-SP09A8 LT-SP09A8 P2L4GI P2L4GX	LT, LI-SP09A8 CTRL ROOM PANEL SG 1-2 START-UP LEVEL IND SG 1-2 START-UP LEVEL TRANSMITTER LT, LI-SP09A8 PENETRATION BOX LT, LI-SP09A8 PENETRATION BOX	D DF DD FF FF D D DF	47402A JB4707 57961A 2LP92A 2LP92A 2LP92B 29134B 29134A Exposed 2LP92B 2LP92A 2LP92A 57802A UNSCHED
47300 47301 47302 47303 47304 47305 47306 47307 47308 47309 47310 47311 47312 47313 47314	LI-SP09A9	2LSGLT41A			C5710 C5792A JT5722 LISP09A8A LISP09A8 P2L4GI P2L4GX	LTSPO9A8, LISP09A8A CNTRL RM PNL (CH. 2) LTSPO9A8, LISP09A8A CNTRL RM PNL (CH. 2) LTSPO9A8, LTSPO9A8A TERMINAL BOX (CH. 2) SG1-2 STARTUP LEVEL INDICATOR (CH. 2) SG1-2 STARTUP LEVEL TRANSMITTER (CH. 2) LTSPO9A8, LISP09A8A PENE BOX (CH. 2) LTSPO9A8, LISP09A8A PENE BOX (CH. 2)	DF DF DD FF DD DD D D A FF DD FF DD FF FF D D DF	47551A 5739A3 5739A3 5755C2 2LP55C 47551B 47551A Exposed 29135A 29135B
47411 47412 47413 47414			LI-SP0981	1LSP0983B	LT-SP0983, LI-SP0983, 1 IND CIRCUIT	AB V A A	37725A 37725A 37725A 37725A	E-350 E-349-3, 350 E-349-2 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				
47415	NNI	LI-SP0981	1LSP0983B	LT-SP0983, LI-SP0983, 1 IND CIRCUIT	A	J83720	E-349-2					
47416			A	36582B	E-349-2							
47417			P	36582B	E-338							
47418			R	36582B	E-338							
47400			1LSP0983C	LT-SP0983, LI-SP0981 IND CIRCUIT	FF	5711A1	E-356-8					
47401			DD	J85712	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	J83720	E-349-2							
47408			A	36582A	E-349-2							
47409			P	36582A	E-338							
47410			R	36582A	E-338							
47419			1LSP0983Z	LT-SP0983, LI-SP0983, 1 IND CIRCUIT	D	29113A	E-369, 373					
47420			D	39186A	E-369							
47421			AB	Exposed	E-3788-3							
47422			R		E-338							
47423			FF		E-353							
47424			FF		E-353							
47425			R		E-338							
47426			D		E-369							
47427			AB		E-350							
47500			LI-SP0983	LI-SP0983	1LSP0983B	LT-SP0983, LI-SP0983, 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	J83720	E-349-2					
47505					A	36582B	E-349-2					
47506					P	36582B	E-338					
47507					R	36582B	E-338					
47508					1LSP0983Z	LT-SP0983, LI-SP0983, 1 IND CIRCUIT	D	29113A	E-369, 373			
47509					D	39186A	E-369					
47510					AB	Exposed	E-3788-3					
47511					R		E-338					
47512					R		E-338					
47513	D				E-373							
47514	D				E-369							
47515	AB				E-350							
47600	LI-SP0988	LI-SP0988			1LSGLT11B	LT, LI-SP0988 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-SP0988 INDICATING CIRCUIT	AB	Exposed	E-3788-3			
47611					D	29132A	E-373					
47612					D	29132B	E-373					
47613					C5761A	LT, LI-SP0988 CTRL ROOM PANEL	FF		E-353			
47614					LI-SP0988	SG 1-1 START-UP LEVEL IND	FF		E-353			
47615					LT-SP0988	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373			
47616					P1L1LI	LT, LI-SP0988 PENETRATION BOX	D		E-369			
47617					P1L1LX	LT, LI-SP0988 PENETRATION BOX	AB		E-350			
47700					LI-SP0988A	LI-SP0988A	1LSGLT11B	LTSP0988,LISP0988A INDICATING CIRCUIT	AB	38601A	E-350	
47701							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	LTSP0988,LISP0988A INDICATING CIRCUIT			D	29132B	E-373			
47713			D	29132A			E-373					
47714			AB	Exposed			E-3788-3					
47715			FF	1LP61A			E-353					
47716			DD	57803A			E-353					
47717			FF	57803A			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			
47718	NNI	LI-SP0988A	1LSGLT11E	LTSP0988, LISPO988A INDICATING CIRCUIT	FF	UNSCHED	E-356				
47720			C5708	LTSP0988, LISPO988A CNTRL RM PNL (CH. 1)	FF		E-353				
47719			C5761A	LTSP0988, LISPO988A CNTRL RM PNL (CH. 1)	FF		E-353				
47725			JT5721	LTSP0988, LISPO988A TERMINAL BOX (CH. 1)	DD		E-356				
47723			LISP0988A	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353				
47724			LISP0988	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373				
47721			P1L1LI	LTSP0988, LISPO988A PENE BOX (CH. 1)	D		E-369				
47722			P1L1LX	LTSP0988, LISPO988A PENE BOX (CH. 1)	AB		E-350				
47800			LI-SP0989	LI-SP0989	1LSGLT31A		LT, LI-SP0989 INDICATING CIRCUIT	V	38232A	E-350	
47801					1LSGLT31B		LT, LI-SP0989 INDICATING CIRCUIT	AB	38232A	E-350	
47802					FF	5738A3	E-353				
47803					DD	5738A3	E-356-1				
47804					V	5738A3	E-350				
47805					V	J83731	E-350				
47806					V	38232A	E-350				
47807					AB	Exposed	E-3788-3				
47808					D	29133A	E-373				
47809					D	29133B	E-373				
47810	LRS-RC14	LRS-RC14	C5761A	LT, LI-SP0989 CTRL ROOM PANEL	FF	BLP59B BLP59B BLPA BLP02D BLP02D EXPOSED(A) BLP59B BLP59B BLPA BLKU BLKU 39239A 49198A BLBE	E-353				
47811			LI-SP0989	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353				
47812			LI-SP0989	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373				
47813			P1L1LI	LT, LI-SP0989 PENETRATION BOX (CH. 1)	D		E-369				
47814			P1L1LX	LT, LI-SP0989 PENETRATION BOX (CH. 1)	AB		E-350				
48000					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			A	EXPOSED(A)	E-3788-3						
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			D	39239A	E-369						
48012			D	49198A	E-362						
48013			D	BLBE	E-362						
48014			FF		E-353						
48015			FF		E-353						
48016			FF		E-353						
48017			FF		E-353						
48018			D		E-369						
48019			FF		E-353						
48020			FF		E-353						
48021			D		E-362						
48022			DF		E-346						
48100	PI-6365A	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					D	49166A	E-366				
48107					D	J83915	E-366				
48108					D	49278A	E-366				
48109					A	Exposed	E-366				
48110			R	36337A	E-338						
48111			R	36337B	E-338						
48112			R	36016A	E-338						
48113			Q	36016A	E-338						
48114			X	36016A	E-346						
48115			DF	36016A	E-347						
48116			DF	47554B	E-347						
48117			DF	J84712	E-347						
48118			DD	47554D	E-356						
48119			DD	2LP55G	E-356						
48120			FF	2LP55G	E-424						
48121			DD	57556G	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			FF		E-353						
48128			D		E-366						
48129			DF		E-347						
48130			FF		E-338						
48131			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		
48200	NNI	PI-6365A1	2LP6365AA	PT6365A, P16365A,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, P16365B,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					
48342	DD	5763A6			E-356					
48343	DD	1LP63A			E-356					
48344	FF	1LP63A			E-353					
48345	R				E-338					
48346	FF				E-338					
48347	FF				E-353					
48348	D				E-369					
48349	AB				E-350					
48350	FF				E-353					
48351	D				E-366					
48400	PI-6365B1	PI-6365B1			1LP6365BA	PT6365B, P16365B,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			

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		
48407	NNI	PI-6365B1	1LP6365BA	PT6365B, P16365B,B1 INDICATING CIRCUIT	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			D	39102A	E-366, 362					
48414			D	JB4906	E-366					
48415			D	49279A	E-366					
48416			AB	Exposed	E-366					
48417			R	36336A	E-338					
48418			R	36336B	E-338					
48419			R		E-338					
48420			R		E-338					
48421			D		E-369					
48422			AB		E-350					
48423			R		E-353					
48424			D		E-366					
48500			PI-RC2A3	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	575602	E-356-1	
48505							FF	4LP56D	E-356-1	
48506	D	49359B			E-366					
48507	D	JB4910			E-366					
48508	D	49359D			E-366					
48509	A	Exposed			E-3788-3					
48510	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	FF				E-353					
48516	D				E-366					
48517	A				E-349-2					
48518	FF				E-353					
48519	D				E-366					
48600	PI-RC2A4	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			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			D	49168A	E-366					
48611			D	JB3915	E-366					
48612			D	49166A	E-366					
48613			A	Exposed	E-3788-3					
48614			FF		E-353					
48615			D		E-366					
48616			DF		E-347					
48617			FF		E-353					
48618			D		E-366					
48700			PI-RC2B3	PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DG	48108A	E-348	
48701							V	48108A	E-348, 347	
48702							DD	48108A	E-356-1	
48703							FF	5763D2	E-356-1	
48704							D	49077B	E-366	
48705	D	49077A					E-366			
48706	D	JB4905			E-366					
48707	D	49087A			E-366					
48708	AB	Exposed			E-3788-3					
48709	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				E-353					
48715	FF				E-353					
48716	D				E-366					
48717	DG				E-348					
48718	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
48719	NNI	PI-RC2B3	PT-RC2B3	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 3)	D		E-366	
48800		PI-RC2B4	1LSF1602A	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	J84906	E-366	
48815					D	39102A	E-366, 362	
48816					AB	Exposed	E-3788-3	
48817			C5762C	PT-RC2B4, PI-RC2B4 CTRL RM PANEL	FF		E-353	
48818			P1L1LI	PT-RC2B4, PI-RC2B4 PENET BOX	D		E-369	
48819			P1L1LX	PT-RC2B4, PI-RC2B4 PENET BOX	AB		E-350	
48820			PI-RC2B4	RCS LOOP 1 PRESSURE INDICATOR (CH. 1)	FF		E-353	
48821			PT-RC2B4	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 1)	D		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	J83915	E-366	
48916					D	49166A	E-366, 362	
48917					A	Exposed	E-3788-3	
48918			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
48919			C5710	PT-SP12A2, PI-SP12A CONTROL ROOM PANEL	FF		E-353	
48920			P2L4G1	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366	
48921			P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347	
48922			PI-SP12A	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	FF		E-353	
48923			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338	
48924			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		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	J83915	E-366	
49007					D	49166A	E-366, 362	
49008					A	Exposed	E-3788-3	
49009			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
49010			P2L4G1	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	ALNN1852G	PTSP12A1, PISP12A1A INDICATING CIRCUIT	A	ALGU	E-338, 349	
49104					U	ALGU	E-349	
49105					DD	ALDC	E-356, 349	
49106					U	ALDC	E-349, 356	
49107					DD	ALPB	E-356	
49108					DD	ALP600	E-356, 353	
49109					FF	ALP600	E-353, 356	
49100			ALNN1852T	PTSP12A1, PISP12A1A INDICATING CIRCUIT	D	49050A	E-369	
49101					D	ALBD	E-373	
49102					A	Exposed	E-3788-3	
49110			ALSP12A1A	PTSP12A1, PISP12A1A INDICATING CIRCUIT	FF	ALP600	E-356	
49111					DD	ALP600	E-356	
49112					DD	ALPB	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	
49113	NNI	PI-SP12A1-A	ALSP12A1A	PTSP12A1, PISP12A1A INDICATING CIRCUIT	DD	57804A	E-356-10		
49117			C5712	PTSP12A1, PISP12A1A CNTRL RM PNL (CH. A)	FF		E-353		
49116			C5760D	PTSP12A1, PISP12A1A CNTRL RM PNL (CH. A)	FF		E-353		
49118			JT5721	PTSP12A1, PISP12A1A TERMINAL BOX (CH. A)	DD		E-356		
49114			PAL30I	PTSP12A1, PISP12A1A PENE BOX (CH. A)	D		E-369		
49115			PAL30X	PTSP12A1, PISP12A1A PENE BOX (CH. A)	A		E-349-2		
49119			PISP12A1A	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	J83720	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	J85712	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	J83720	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	J84906	E-366			
49223				D	39102A	E-366			
49224				AB	Exposed	E-3788-3			
49225				R		E-338			
49226				FF		E-353			
49227			D		E-369				
49228			AB		E-350				
49229			FF		E-353				
49230			R		E-338				
49231			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	J83720	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	J84906	E-366	
49311						D	39102A	E-366	
49312						AB	Exposed	E-3788-3	
49313						R		E-338	
49314						D		E-369	
49315		AB				E-350			
49316		R				E-338			
49317		D				E-369			
49404		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				D	39176C		E-369		
49401				D	39176A		E-369		
49402	D			BLBQ	E-373, 369				
49403	AB			Exposed	E-3788-3				
49411	FF			UNSCHED	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	FF			E-353					
49416	FF			E-353					
				C5712	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)				
				C5759B	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)				

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
49419 49421 49417 49418 49422 49423	NNI	PI-SP12B2	C5759C JT5722 PBL3QI PBL3QX PISP12B2 PT-P12B2	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B) PTSP12B2, PISP12B2 TERMINAL BOX (CH. B) PTSP12B2, PISP12B2 PENE BOX (CH. B) PTSP12B2, PISP12B2 PENE BOX (CH. B) SG1-1 OUTLET PRESSURE INDICATOR (CH. B) SG1-1 OUTLET PRESSURE TRANSMITTER (CH.B)	FF DD D AB FF D		E-353 E-356 E-369 E-350 E-353 E-369	
49850 49851 49852 49853 49854 49855 49856			TE-RC3A6	2LTRC3A6A	TE-RC3A6 INDICATING CIRCUIT	D D D A D DF D	49128A JB4922 49128B EXPOSED	E-347 E-366 E-366 E-366 E-347 E-366
50050 50051 50052 50053 50054 50055 50056	TE-RC3B5	TE-RC3B5	1LTRC3B5A	TE-RC3B5 INDICATING CIRCUIT	D D D AB D AB D	39294A JB4918 39294B EXPOSED	E-366 E-366 E-369 E-3788-3 E-362 E-350 E-366	A
50250 50251 50252 50253 50254 50255 50256 50257 50258 50259			TE-RC4A2	BLNN1154Y	TE-RC4A2 INDICATING CIRCUIT	D D D D D D D A D A D	29083F 29083D 29083B 29083A 39227A BLBE EXPOSED	E-373 E-373 E-373 E-369, 373 E-362 E-362 E-3788-3 E-362 E-349-2 E-373
49514 49515 49519 49520 49521	TE-RC4B3	TE-RC4B3	ALNN1833Y	TE-RC4B3 INDICATING CIRCUIT	D D D AB D	39159C 39159A	E-369 E-363, 369 E-363 E-350 E-366	
49600 49601 49602 49603 49604 49605 49606 49607 49608 49609 49610 49611 49612 49613 49614 49615 49616 49617 49618 49619 49620 49621 49622 49623			TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF DD DD DD DF FF DD DD DD DF DF A P R D A R FF FF D DF D R FF	5755E2 5755E2 47551B 47551A 47551A 36591J 36591J 36591H 36591C 36591C 36591A 36591A 36591A 36591A 49121A Exposed	E-353 E-356-1 E-356-1 E-356-1 E-347 E-353 E-356-1 E-356-1 E-347 E-347 E-349-2 E-338 E-338 E-362 E-3788-3 E-338 E-353 E-353 E-362 E-347 E-369 E-338 E-353
49700 49701 49702 49703 49704 49705 49706 49707 49708 49709 49710 49711 49712 49713	TI-RC3A5	TI-RC3A5	1LTRC3A5A	TE, TT, TI-RC3A5 INDICATING CIRCUIT	D AB FF DD DD V V V AB AB AB DD DD	39295A Exposed 1LP63A 484088 1LP63A 484088 38080E JB4850 38080E JB3816 38080B JB3814 5763A6 1LP63A	E-369, 366 E-3788-3 E-353 E-356-1 E-356-1 E-348 E-348 E-348 E-350 E-350 E-350 E-350 E-356-1 E-356-1	
				1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT			
			1LTRC3A5C	TE, TT, TI-RC3A5 INDICATING CIRCUIT				

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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			
49714	NNI	TI-RC3A5	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				
49717			P1L1LI	TE, TT, TI-RC3A5 PENETRATION BOX	D		E-369				
49718			P1L1LX	TE, TT, TI-RC3A5 PENETRATION BOX	AB		E-350				
49719			TE-RC3A5	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-366				
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				
49800			TI-RC3A6	2LTRC3A6A	2LTRC3A6A		TE, TT, TI-RC3A6 INDICATING CIRCUIT	D	49128A	E-347	
49801					D		J84922	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		J84712	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	47032A			E-347						
49814	FF	C3712			E-353						
49815	FF	C5755G			E-353						
49816	FF	C5798			E-353						
49817	D	P2L4G1			E-366						
49818	D	P2L4GX			E-347						
49819	DF	TE-RC3A6	E-366								
49820	D	TI-RC3A6	E-353								
49820	FF	TT-RC3A6	E-353								
49900	TI-RC3B2	1LRPSB07A	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	J83720	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		E-338						
49919			FF	C3630	E-353						
49920			D	C5762E	E-363						
49921			D	P1L1LI	E-350						
49922			AB	P1L1LX	E-338						
49923	D	TE-RC3B2	E-353								
49924	R	TI-RC3B2	E-366								
49924	FF	TT-RC3B2	E-366								
50000	TI-RC3B5	1LTRC3B5A	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	39294A	E-366				
50001			D	J84918	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	J84850	E-348						
50010			AB	38080E	E-350						
50011			AB	J83816	E-350						
50012			AB	38080B	E-350						
50013			AB	J83814	E-350						
50014			DD	5763A6	E-424						
50015			DD	1LP63A	E-424						
50016			FF	1LP63A	E-424						
50017			FF	38143A	E-350						
50025			AB	1LTRC3B5D	E-350						
50018			AB	C3812	E-350						
50019			FF	C5763A	E-353						
50019			FF	C5799	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		
50020	NNI	TI-RC3B5	P1L1LI	TE, TT, TI-RC3B5 PENTRATION BOX	D		E-362			
50021			P1L1LX	TE, TT, TI-RC3B5 PENTRATION 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			
50100			TI-RC3B6	2LTRC3B6A	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	49127A	E-366, 369		
50101					Exposed	A	2LP55G	E-3788-3		
50102					2LTP55G	TE, TT, TI-RC3B6 INDICATING CIRCUIT	FF		E-424	
50103					47554E		DD		E-356-1, 424	
50104					2LP55G		DD		E-356-1, 424	
50105					JB4712		DF		E-347	
50106	47554B				DF		E-347			
50107	5755G6	TE, TT, TI-RC3B6 INDICATING CIRCUIT			DD		E-356-1, 424			
50108	2LP55G				DD		E-356-1, 424			
50109	2LP55G				FF		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			BLPA	TE, TT, TI-RC4A2 INDICATING CIRCUIT	DD		E-356-5			
50202			BLJK		DD		E-356-5			
50203			BLJK		A		E-356-5			
50204			BLDC		A		E-349-2			
50205			36306A		A		E-349-2			
50206			BLGF		A		E-349-2			
50207			36306A	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A		E-349-2			
50208			29083F	TE, TT, TI-RC4A2 INDICATING CIRCUIT	D		E-373			
50209			29083D		D		E-373			
50210			29083B		D		E-373			
50211	29083A		D		E-369, 373					
50212	39227A		D		E-362					
50213	BLBE		D		E-362					
50214	Exposed		A		E-3788-3					
50215	C3712	TE-RC4A2 CONTROL PANEL	A		E-349-2					
50216	C5759B	TE, TT, TI-RC4A2 CONTROL RM PNL	FF		E-353					
50217	PBL1EI	TE, TT, TI-RC4A2 PENETRATION BOX	D		E-362					
50218	PBL1EX	TE, TT, TI-RC4A2 PENETRATION BOX	A		E-349-2					
50219	TE-RC4A2	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373					
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				
50301			ALPB		DD		E-356-3			
50302			ALDC		DD		E-356-3			
50303			ALDC		CC		E-347			
50304			ALDC		U		E-349-3			
50305			ALGU		U		E-349-3			
50306			ALGU		A		E-349-2			
50307			29026G	TE, TT, TI-RC4A4 INDICATING CIRCUIT	D		E-373			
50308			29026E		D		E-373			
50309			29026C		D		E-373			
50310			29026B*		D		E-364			
50311	29026A		D		E-362					
50312	Exposed		A		E-3788-3					
50313	C5760D	TE, TT, TI-RC4A4 CONTROL RM PNL	FF		E-353					
50314	PAL3DI	TE, TT, TI-RC4A4 PENETRATION BOX	D		E-362					
50315	PAL3DX	TE, TT, TI-RC4A4 PENETRATION BOX	A		E-349-2					
50316	TE-RC4A4	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373					
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				
50401			BLPA		DD		E-356-1, 5			
50402			BLFC		DD		E-356-1, 5			
50403			BLFC		V		E-348			
50404			BLFC		DG		E-348			
50405			BLFC		AB		E-350			
50406			BLJC		AB		E-350			
50407			29111L		D		E-373			
50408			29111J	TE, TT, TI-RC4B2 INDICATING CIRCUIT	D		E-373			
50409			29111G		D		E-373			
50410			29111E		D		E-373			
50411	29111A		D		E-369, 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			
50412	NNI	TI-RC4B2	BLNN1154W	TE, TT, TI-RC4B2 INDICATING CIRCUIT	D	BLBQ Exposed	E-369, 373				
50413					AB		E-3788-3				
50414				C5759D	TE, TT, TI-RC4B2 CONTROL RM PNL		FF	E-353			
50415				PBL3Q1	TE, TT, TI-RC4B2 PENETRATION BOX		D	E-369			
50416				PBL3QX	TE, TT, TI-RC4B2 PENETRATION BOX		AB	E-350			
50417				TE-RC4B2	RCS LOOP 1 COLD LEG TEMP ELEMENT		D	E-373			
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			RCS	TI-RC4B4	ALNN1833C		TE, TT, TI-RC4B4 INDICATING CIRCUIT	FF	ALP60D	E-356-1, 3	
50501								DD		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-3788-3					
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	1CBE1602C	MVRC11 CONTROL CIRCUIT	AB	38076B	E-351-5				
50601					AB	38097A	E-350-1				
50602					AB	1CJP	E-350-1				
50603					AB	J83833	E-350-1				
50604					AB	38097B	E-350-1				
50605					DG	38097B	E-348				
50606					DG	J84818	E-348				
50607					DG	38097E	E-348				
50608					D	39289A	E-363, 366, 369				
50609					AB	Exposed	E-3788-3				
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	J84818	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-3788-3				
50643A					D	39288A	E-363, 366, 369				
50644					DG		E-348				
50645					FF		E-353				
50646					DG		E-348				
50647					D		E-367				
50648					D		E-363				
50649			AB		E-350						
50650			D		E-363						
50651			AB		E-350						
50561A	RC13A	N/A	N/A	RCS CODE SAFETY VALVE	D	N/A					
50561B	RC13B	N/A	N/A	RCS CODE SAFETY VALVE	D	N/A					
50561C	RC147	N/A	N/A	RCS PRESSURIZER VENT HEADER ISO VLV	D	N/A					
50700	RC200	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			

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			
507001	RCS	RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	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				2CBF1285M	MV0200 CONTROL CIRCUIT	D	39229B		E-366, 369		
50716						A	EXPOSED(A)		E-3788-3		
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-3788-3		
50721					BF1285	MV0200 CIRCUIT BREAKER (CH. 2)	X			E-346	
50722					C5798	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 CTMT VNT HDR VLV (CH. 2)	D			E-369	
50725					P2C5GI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D			E-362	
50726					P2C5GX	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	RC239A	2CBF1126C	MV0239A CONTROL CIRCUIT	DF		47306A	E-347	
50801							DF		2CLA	E-347	
50802							D		49083A	E-369	
50803							D		49083B	E-369, 369	
50804									A	EXPOSED(A)	E-3788-3
50805									DF	47701A	E-347
50806									DF	47306A	E-347
50807									DF	2CLA	E-347
50808									FF	2CP02C	E-356-8
50809									DD	2CP02C	E-356-8
50810									DD	2CPN	E-356-7
50811									DD	2CPP	E-356-7
50812									DD	2CLA	E-356-7
50813									DF	47702A	E-347
50814						DF	2CLA	E-347			
50815						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						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						DF	47306A	E-347			
50832						DF	2CLA	E-347			
50833						DF	47701A	E-347			
50834						DF	2CLA	E-347			
50835						DF	47306A	E-347			
50836						DF	47701A	E-347			
50837				DF	47303A	E-347					
50838				D	49081A	E-369					
50839				A	EXPOSED	E-3788-3					
50840				DF		E-347					
50841				A		E-412-1					
50842				FF		E-353					
50843				DF		E-347					
50844				D		E-369					
50845				D		E-362					
50846				DF		E-347					
50847				D		E-362					
50848				DF		E-347					
50900	RC239B	RC239B	2CBF1127C	MV0239B CONTROL CIRCUIT	DF	47306A	E-347				
50901					DF	2CLA	E-347				
50902					D	49084A	E-369				
50903					D	49083B	E-362, 369				
50904						A	Exposed	E-3788-3			

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		
50905	RCS	RC239B	2CBF1127E	MV0239B CONTROL CIRCUIT	DF	47700A	E-347			
50906					DF	47306A	E-347			
50907					DF	2CLA	E-347			
50908					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					A	18402A	E-332			
50916					A	18402A	E-412-1			
50917			G	18402A	E-335					
50918			U	2CEV	E-335					
50919			G	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			DF	47304A	E-347					
50927			D	49114A	E-362, 369					
50928			A	Exposed	E-378B-3					
50929			DF		E-347					
50930			A		E-412-1					
50931			FF		E-353					
50932			DF		E-347					
50933			D		E-369					
50934			D		E-362					
50935			DF		E-347					
50936			D		E-362					
50937			DF		E-347					
51056E			RC2A		2CVRC2K	SVRC2A (PORV) INDICATING CIRCUIT	D	49703A	E-367	2 A
51056F							A	EXPOSED(A)	E-378B-1	
51056G							DF	2CLA	E-347	2 A
51056H							DD	2CLA	E-356-7	A A
51056I							DD	2CPR	E-356-7	A A
51056J							DD	2CKM	E-356-7	A A
51056K							DD	2CPN	E-356-7	A A
51056L							DD	2CPN	E-356-7	A A
51056M							DD	5705C1	E-356-7	A A
51056N							FF	5705C1	UNSCHEDULED	A A
51057A							FF	5705C1	E-356-8	A A
51057B							DD	5705C1	E-356-8	A A
51057C					DD	2CPN	E-356-7	A A		
51057D	DD	2CKM			E-356-7	A A				
51057E	DF	2CKM			E-347	A A				
51057F	X	2CKM			E-346	A A				
51057G	X	46725B			E-346	2 A				
51058A	D	P2P5FI			E-362					
51058B	D	49700B			E-362					
51058C	A	EXPOSED(A)			E-378B-1					
51059A	DF	P2P5FX			E-347					
51059A	DF	46286B			E-347					
51056A	D	49700A			E-367	2 A				
51056C	DF	46286A				2 A				
51056D	X	46286A	E-346	2 A						
51000	RC2A		BCVRC2A	SVRC2 CONTROL CIRCUIT	D	49197A	E-362, 366, 367	2 D		
51001					D	BCCD	E-362, 366, 367	D D		
51002					A	Exposed	E-378B-3	D D		
51003					U	37699A	E-349-3	D D		
51004					U	BCHD	E-349-3	D D		
51005					U	BCHD	E-349-3	D D		
51006					A	BCHD	E-349-2	D D		
51007					A	BCJD	E-349-2	D D		
51008					A	BCJD	E-356-4, 349-2	D D		
51009					DD	BCJD	E-356-4	D D		
51010					DD	BCPC	E-356-4	D D		
51011					DD	BCKR	E-356-4	D D		
51012			DF	BCKR	E-346, 347	D D				
51013			DF	BCKT	E-346	D D				
51014			D	49197A	E-362, 366, 367	D D				
51015			D	BCCD	E-362, 366, 367	D D				
51016			A	Exposed	E-378B-3	D D				
51017			FF	BCP02D	E-356-8	D D				
51018			DD	BCP02D	E-356-8	D 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		
51018	RCS	RC2A	BCVRC2D	SVRC2 CONTROL CIRCUIT	DD	BCPC	E-356-4	2 D		
51019					DD	BCPR	E-356-4	2 D		
51020					DD	BCPE	E-356-4	2 D		
51021					DD	BCKR	E-356-4	2 D		
51022					DF	BCKR	E-346, 347	2 D		
51023					DF	BCKT	E-346	2 D		
51024					FF	BCP02D	E-356-8	2 D		
51025					DD	BCP02D	E-356-8	2 D		
51026					DD	BCPC	E-356-4	2 D		
51027					DD	CHD	E-356-4	2 D		
51028					CC	BCHD	E-347	2 D		
51029					U	BCHD	E-349-3	2 D		
51030					U	37750A	E-349-3	2 D		
51031					FF	BCP59B	E-356-10	2 D		
51032					DD	BCP59B	E-356-10	2 D		
51033					DD	BCPC	E-356-4	2 D		
51034					DD	BCHD	E-356-4	2 D		
51035					CC	BCHD	E-347	2 D		
51036			U	BCHD	E-349-3	2 D				
51037			U	37750A	E-349-3	2 D				
51038			FF	BCP02D	E-356-8	2 D				
51039			DD	BCP02D	E-356-8	2 D				
51040			DD	BCPC	E-356-4	2 D				
51041			DD	BCHD	E-356-4	2 D				
51042			CC	BCHD	E-347	2 D				
51043			U	BCHD	E-349-3	2 D				
51044			U	37750A	E-349-3	2 D				
51045			FF	BCP59B	E-356-10	2 D				
51046			DD	BCP59B	E-356-10	2 D				
51047			DD	BCPC	E-356-4	2 D				
51048			DD	BCP02D	E-356-8	2 D				
51049			FF	BCP02D	E-356-8	2 D				
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	2 A		
51051			C5759B	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353	2 A		
51057Q					D			2 A		
51057R					DF			2 A		
51052			RC2A	PBC4D1	PBC4DX	SVRC2 PENETRATION TERMINAL BOX (CH. B)	D		E-362	2 D
51053							DF		E-347	2 D
51054							U		E-349-3	2 D
51057P							X		E-346-1	2 A
51055							D		E-367	2 A
51100			RC4608A	1CV4608AA	SV4608A CONTROL CIRCUIT	D	49062A	E-366, 369		
51101						A	Exposed	E-3788-3		
51102						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	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	FF		E-353							
51127	P1P3BI	SV4608A PENETRATION TERMINAL BOX (CH. 1)	D		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
51128 51129 51130	RCS	RC4608A	P1P3BX RC3706 SV4608A	SV4608A PENETRATION BOX (CH. 1) SV4608A RELAY CABINET (CH. 1) RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	A V D		E-349-2 E-350 E-366	
51200 51201 51202 51203 51204 51205 51206 51207 51208 51209 51210 51211 51212 51213 51214 51215 51216 51217 51218 51219 51220 51221 51222		RC4608B	1CV4608BA 1CV4608BC	SV4608B CONTROL CIRCUIT SV4608B CONTROL CIRCUIT	D AB DG DG DG AB AB AB AB V V U CC DD DD DD DD DD DD FF FF	49133A Exposed 38097F JB4818 38097B 38097B JB3833 38097A 1CJP 1CJP 1CJM 1CJM 1CJM 1CJM 1CPL 1CPR 1CPM 1CP99A 1CP99A	E-366, 369 E-3788-3 E-348 E-348 E-348 E-350-1 E-350-1 E-350-1 E-350-1 E-350-1 E-349-3, 350 E-349-3 E-347 E-356-6 E-356-6 E-356-6 E-356-6 E-356-1 E-353	
51219 51220 51221 51222			C5799 P1C5S1 P1C5SX SV4608B	SV4608B CONTROL ROOM PANEL (CH. 1) SV4608B PENETRATION BOX (CH. 1) SV4608B PENETRATION BOX (CH. 1) RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D DG D		E-371 E-348 E-366	
51300 51301 51302 51303 51304 51305 51306 51307 51308 51309 51310 51311 51312 51313 51314 51315 51316 51317 51318 51319		RC4610A	2CV4610AA 2CV4610AC 2CV4610AD	SV4610A CONTROL CIRCUIT SV4610A CONTROL CIRCUIT SV4610A CONTROL CIRCUIT	D A DF DF DD DD DD DD FF X X DF DD DD DD DD FF FF D DF X D	49163A EXPOSED 47052A 2CKN 2CKN 2CPN 2CP98A 2CP98A 46725A 2CKL 2CKL 2CKL 2CPN 2CP98A 2CP98A	E-366, 369 E-3788-3 E-347, 347-1 E-347, 347-1 E-356-7 E-356-7 E-356-1 E-356-1 E-346 E-346 E-347, 346 E-356-7 E-356-7 E-356-1 E-356-1 E-353 E-362 E-347, 346 E-346-1 E-366	
51400 51401 51402 51403 51404 51405 51406 51407 51408 51409 51410 51411		RC4610B	2CV4610BA 2CV4610BC	SV4610B CONTROL CIRCUIT SV4610B CONTROL CIRCUIT	D A DF DF DD DD DD DD FF FF D DF D	49162A Exposed 46321A 2CKN 2CKN 2CPN 2CP98A 2CP98A	E-366, 369 E-3788-3 E-347, 346-1 E-347, 346-1 E-356-7 E-356-7 E-356-1 E-356-1 E-356-1 E-353 E-362 E-347, 370 E-366	
51409 51410 51411			C5798 P2C5CI P2C5CX SV4610B	SV4610B CONTROL ROOM PANEL (CH. 2) SV4610B PENETRATION TERMINAL BOX (CH. 2) SV4610B PENETRATION TERMINAL BOX (CH. 2) RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D DF D		E-362 E-347, 370 E-366	
51500 51501 51502 51503 51504 51505 51506 51507 51508 51509 51510 51511 51512 51513 51514 51515 51516		RC4632	2CV4632A 2CV4632B 2CV4632C	SV4632 CONTROL CIRCUIT SV4632 CONTROL CIRCUIT SV4632 CONTROL CIRCUIT	D A A G G U CC DD DD DD DD DF DF DF DF A DF DF	39296A 18402A 18402A 18402A 2CEV 2CEV 2CEV 2CEV 2CPN 2CKM 2CKM 46193B JB4674 46193A Exposed JB4674 46193A	E-362 E-412-1 E-332 E-335 E-335 E-349-3 E-347 E-356-7 E-356-7 E-356-7 E-356-7 E-346-1 E-346-1 E-346-1 E-346-1 E-346-1 E-3788-3 E-346-1 E-346-1	

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					
51517	RCS	RC4632	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			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			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			DF	46193C	E-346-1								
51539			DF	JB4674	E-346-1								
51540			DF	Unschd	E-346-1								
51541			A		E-412-1								
51542			FF		E-353								
51543			D		E-362								
51544			DF		E-346-1								
51545			D		E-369								
51546			DF		E-346-1								
51547			X		E-346-1								
51548			DF		E-346-1								
51549			D		E-369, 362								
53500			SFAS	C5755D	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							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	
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	C5763D	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			C5765D	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								

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	
51613	SFAS	HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	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			2CLY6454B		SG AUTO ESSEN LEVEL CONTROL	A	2CEA	E-349-2	
51708					FF	2CP17C	E-353		
51709					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		
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				

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
52408 52409	SFAS	LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	G V	20323A 20323A	E-336 E-348	
52500 52501 52502 52503 52504 52505 52506 52508 52509		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	AC B CC DD DD FF G AB U	20325A 20325A 20325A 20325A 2LP55C 2LP55C 20325A 20325A 20325A	E-319 E-336 E-347 E-356-1 E-424 E-424 E-335 E-335 E-349-3	
52600 52601 52602 52603 52604 52605 52606 52607 52609		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	U AC B CC DD DD FF G AB	20324A 20324A 20324A 20324A 3LP63D 20324A 3LP63D 20324A 20324A	E-349-3 E-319 E-336 E-347 E-424 E-356-1 E-424 E-335 E-335	
52700 52701 52702 52703 52704 52705 52706 52708 52709		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	AC B CC DD DD FF G AB U	20326A 20326A 20326A 4LP56D 20326A 4LP56D 20326A 20326A 20326A	E-319 E-336 E-347 E-424 E-356-1 E-424 E-335 E-335 E-349-3	
52800 52801 52802 52803 52804		PI2000	ALSF1601A	CTMT VESSEL PRESS INDICATOR	DD DD DD FF FF	ALP16B ALP62C ALPB ALP16B ALP62C	E-356-8 E-356-10 E-356-3 E-356-8 E-356-10	
52900 52901 52902 52903 52904 52905		PI2001	BLSF1651A	CTMT VESSEL PRESS INDICATOR	DD DD DD DD FF FF	BLP16B BLPA BLP55C BLPA BLP16B BLP55C	E-356-8 E-356-5 E-424 E-356-5 E-356-8 E-424	
53000 53001 53002 53003 53004		PI2002	ALSF1603A	CTMT VESSEL PRESS INDICATOR	DD DD DD FF FF	ALP63D ALPB ALP16B ALP63D ALP16B	E-424 E-356-3 E-356-8 E-424 E-356-8	
53100 53101 53102 53103 53104		PI2003	BLSF1653A	CTMT VESSEL PRESS INDICATOR	DD DD DD FF FF	BLP16B BLPA BLP56D BLP56D BLP16B	E-356-8 E-356-5 E-424 E-424 E-356-8	
53200 53201 53202 53203 53204		PIRC2A3	BLSF1653A	RCS COOLANT PRESS INDICATOR	DD DD DD FF FF	BLP56D BLPA BLP16B BLP56D BLP16B	E-424 E-356-5 E-356-8 E-424 E-356-8	
53300 53301 53302 53303 53304		PIRC2A4	2LSF1652A	RCS COOLANT PRESS INDICATOR	DD DD DD FF FF	2LP55C 57100C 57100A 57100A 2LP55C	E-424 E-356-1 E-356-1 E-353 E-424	
53400 53401 53402 53403 53404		PIRC2B3	ALSF1603A	RCS COOLANT PRESS INDICATOR	DD DD DD FF FF	ALP63D ALP16B ALPB ALP16B ALP63D	E-424 E-356-8 E-356-3 E-356-8 E-424	
53900 53901 53902		PSH2000B	ALSF5812A	CTMT VESSEL PRESS SWITCH	DD DD DD	ALP58C ALPB ALP62C	E-356-10 E-356-3 E-356-10	

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
53903 53904	SFAS	PSH2000B	ALSF5812A	CTMT VESSEL PRESS SWITCH	FF FF	ALP62C ALP58C	E-356-10 E-356-10	
54000 54001 54002 54004 54005		PSH2001B	BLSF5822A	CTMT VESSEL PRESS SWITCH	DD DD DD FF FF	BLP58E BLP55C BLPA BLP55C BLP58E	E-356-10 E-424 E-356-5 E-424 E-356-10	
54100 54101 54102 54103		PT2000	1LSFPT12A	CTMT VESSEL PRESS XMTR	DD DD FF V	48037A 1LP62C 1LP62C 48037A	E-356-1 E-356-10 E-356-10 E-348	
54200 54201 54202 54203		PT2001	2LSFPT22A	CTMT VESSEL PRESS XMTR	DD DD EE FF	57059A 2LP55C 57059A 2LP55C	E-356-1 E-424 E-414 E-424	
54300 54301 54302		PT2002	3LSFPT32A	CTMT VESSEL PRESS XMTR	DD EE FF	58111A 58111A 58111A	E-356-1 E-417 E-353	
54400 54401 54402 54403 54404 54404A 54405 54406 54407 54408 54408A 54409		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	CC CC CC CC A DF DF DF DF DF DD DD FF	37815E JB4708 37815D 37815C* 37815C* 37815C 37815B JB4704 37815A 37815A 4LP56D 4LP56D	E-347 E-347 E-347 E-347 E-347 E-347 E-347 E-347 E-347 E-347 E-356-1 E-424 E-424	
54800 54801 54802 54803 54804 54805 54806 54807 54808 54809 54810 54811 54812		RE2004	1LSFRE11A	CTMT VESSEL RAD MONITOR	CC DD DD DD DD AB FF U V D AB D AB	38601A 5762C2 1LP62C 38601A 38601B 38601A 1LP62C 38601A 38601A 39087A Exposed	E-347 E-356-1 E-356-10 E-356-1 E-356-1 E-350 E-356-10 E-349-3 E-350 E-363, 366 E-3788-3 E-363 E-351-5, 350	
54900 54901 54902 54903 54904 54905 54906 54907 54908 54909 54910 54911		RE2005	2LSFRE21A	CTMT VESSEL RAD MONITOR	DD DD DD DD DF FF D D A D D DF	5755C2 47551B 2LP55C 47551A 47551A 2LP55C 39021A 39021C Exposed 39021B*	E-356-1 E-356-1 E-424 E-356-1 E-347 E-424 E-362 E-366 E-3788-3 E-365 E-362 E-347-1	
54906 54907 54908 54909 54910 54911			2LSFRE21B	CTMT VESSEL RAD MONITOR	DD DD DD DF FF D D A D D DF	5755C2 47551B 2LP55C 47551A 47551A 2LP55C 39021A 39021C Exposed 39021B*	E-356-1 E-356-1 E-424 E-356-1 E-347 E-424 E-362 E-366 E-3788-3 E-365 E-362 E-347-1	
55000 55001 55002 55003 55004 55005 55006 55007 55008 55009 55010 55011		RE2006	3LSFRE31A	CTMT VESSEL RAD MONITOR	DD DD DD DG FF V D D D AB D D DG	48108A 576302 3LP63D 48108A 3LP63D 48108A 39001C 39001A Exposed 39001B*	E-356-1 E-356-1 E-424 E-348 E-424 E-348 E-363 E-366 E-3788-3 E-365 E-363 E-411, 348	
55006 55007 55008 55009 55010 55011			3LSFRE31B	CTMT VESSEL RAD MONITOR	DD DD DD DG FF V D D D AB D D DG	48108A 576302 3LP63D 48108A 3LP63D 48108A 39001C 39001A Exposed 39001B*	E-356-1 E-356-1 E-424 E-348 E-424 E-348 E-363 E-366 E-3788-3 E-365 E-363 E-411, 348	
55100 55101 55102		RE2007	4LSFRE41A	CTMT VESSEL RAD MONITOR	A DD DD	37507A 575602 37507A	E-349-2 E-356-1 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		
55103 55104 55105 55106 55107 55108 55109	SFAS	RE2007	4LSFRE41A	CTMT VESSEL RAD MONITOR	DD A FF D A D A	4LP560 37507A 4LP560 39089A Exposed	E-424 E-349-2 E-424 E-362 E-3788-3 E-462 E-351-3			
4LSFRE41B			CTMT VESSEL RAD MONITOR							
55200 55201 55202 55203 55204		R12004	ALSF1601A		CTMT VESSEL RADIATION IND	DD DD DD FF FF	ALP168 ALPB ALP62C ALP62C ALP168	E-356-8 E-356-3 E-356-10 E-356-10 E-356-8		
55300 55301 55303 55304 55305						R12005	BLSF1651A	CTMT VESSEL RADIATION IND	DD DD DD FF FF	BLP168 BLPA BLP55C BLP168 BLP55C
55400 55401 55402 55403 55404		R12006	ALSF1603A	CTMT VESSEL RADIATION IND	DD DD DD FF FF				ALP168 ALP63D ALPB ALP168 ALP63D	E-356-8 E-424 E-356-3 E-356-8 E-424
55500 55501 55502 55503 55504					R12007	BLSF1653A	CTMT VESSEL RADIATION IND	DD DD DD FF FF	BLPA BLP56D BLP168 BLP168 BLP56D	E-356-5 E-424 E-356-8 E-356-8 E-424
55600 55601 55602 55603 55604		RSH2004A	ALSF5813A	CTMT VESSEL RADIATION SW				DD DD DD FF FF	ALP62C ALP58C ALPB ALP62C ALP58C	E-356-10 E-356-10 E-356-3 E-356-10 E-356-10
55700 55701 55703 55704 55705					RSH2005A	BLSF5823A	CTMT VESSEL RADIATION SW	DD DD DD FF FF	BLP58E BLPA BLP55C BLP58E BLP55C	E-356-10 E-356-5 E-424 E-356-10 E-424
55800 55801 55802 55803 55804 55805 55806 55807 55808 55809 55810 55811		SFRCs	HIS100B	2CRC2121A				SFRCs LOGIC CH.2 TRIP BLOCK	DD DD DD DD FF FF	2CP92B 2CPN 5721C3 2CEV 2CP92B 5721C3
55806 55807 55808 55809 55810 55811				2CRC2121B	SFRCs LOGIC CH.2 TRIP BLOCK	DD DD DD DD FF FF	5721C3 2CP92B 2CEV 2CPN 5721C3 2CP92B	E-356-1 E-356-1 E-356-1 E-356-1 E-353 E-353		
55900 55901 55902 55903 55904 55905 55906 55907 55908 55909 55910 55911			HIS100C	2CRC2141A		SFRCs LOGIC CH.4 TRIP BLOCK	DD DD DD DD FF FF	2CEV 2CPN 2CP92B 5721C2 2CP92B 5721C2	E-356-1 E-356-1 E-356-1 E-356-1 E-353 E-353	
55906 55907 55908 55909 55910 55911							2CRC2141B	SFRCs LOGIC CH.4 TRIP BLOCK	DD DD DD DD FF FF	5721C2 2CPN 2CEV 2CP92B 5721C2 2CP92B
56000 56002 56003 56004 56006 56007	HIS101B		1CRC2111A		SFRCs LOGIC CH.1 TRIP BLOCK	DD DD FF DD DD FF	1CPL 5721B1 5721B1 1CPL 5721B1 5721B1	E-356-1 E-356-1 E-353 E-356-1 E-356-1 E-353		
56003 56004 56006 56007						1CRC2111B	SFRCs LOGIC CH.1 TRIP BLOCK	DD DD DD FF	5721B1 1CPL 5721B1 5721B1	E-356-1 E-356-1 E-356-1 E-353
56100 56101	HIS101C		1CRC2131A		SFRCs LOGIC CH.3 TRIP BLOCK	DD DD	1CPL 1CPM	E-356-1 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	
56102	SFRCS	HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	DD	5721B2	E-356-1		
56103			1CRC2131B	SFRCS LOGIC CH.3 TRIP BLOCK	FF	5721B2	E-353		
56104					DD	1CPL	E-356-1		
56105					DD	1CPM	E-356-1		
56106					DD	5721B2	E-356-1		
56107					FF	5721B2	E-353		
56219	SFRCS	HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (AFP-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		HIS3870B	1CRSCC23A	BLOCK CIRCUIT AF3869 (AFP-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	SFRCS	HIS3870B	1CRSCC21A	BLOCK CIRCUIT AF3870 (AFP-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					HIS3871B	1CRSCC23A	BLOCK CIRCUIT AF3870 (AFP-1 TO SG-1)	DD	1CP62A
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		SFRCS	HIS3871B	2CRSCC22A				BLOC CIRCUIT AE3871 (AFP-2 TO SG-1)	DD
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	HIS3872B		2CRSCC24A	BLOCK CIRCUIT AF3871 (AFP-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	SFRCS	HIS3872B	2CRSCC22A	BLOCK CIRCUIT AF3872 (AFP-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		HIS3872B	2CRSCC24A	BLOCK CIRCUIT AF3872 (AFP-2 TO SG-2)	FF	2CP06A	E-353		
56524					FF	2CP92A	E-353		
56525					DD	2CP92A	E-356, 423		
56526					DD	2CEV	E-356		
56527					DD	JT5722	E-356		
56529		DD	2CPN	E-356					
56530		FF	2CP06A	E-353					
56531		FF	2CP92A	E-353					
					FF	2CP92D	E-353		

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TPY
56532	SFRCS	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	
56537					FF	2CP06A	E-356	
56537A					FF	2CP92A	E-353	
56538			FF	2CP92D	E-353			
56539			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					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		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			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		

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	
56406	SFRCS	HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356		
56407						FF	1CP62A	E-356-10	
56408						FF	1CP06A	E-353	
56409						FF	1CPA	E-353	
56410						DD	1CP06A	E-356	
56411						DD	1CPL	E-356	
56412			1CRSCC13A		AFW MANUAL INIT. CH. 1 & 3	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		2CRSCC14A		AFW MANUAL INIT. CH. 2 & 4	FF	2CP92D	E-353		
56508					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-3788-3		
56614					D		E-363		
56615					AB		E-351-5, 350		
56615				P1L1LI P1L1LX	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1) LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	D AB			
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	J83731	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-3788-3		
56710					D		E-363		
56711					AB		E-351-5, 350		
56711				P1L1LI P1L1LX	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1) LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	D AB			
56800		LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	DD	57961A	E-356-1		
56801					DD	2LP92A	E-356-1		
56802					DF	J84707	E-347		
56803					DF	47402A	E-347		
56804					DF	57961A	E-347		
56805					FF	2LP92A	E-353		
56806				FF	57961A	E-353			
56807		2LSGLT21C		SG 2 LEVEL XMTR	FF	2LP92B	E-353		
56808					D	29134B	E-373		
56809					D	29134A	E-373		
56810					A	Exposed	E-3788-3		
56811					D		E-362		
56812					DF		E-347-1		
56900		LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	57962B	E-356-1		
56901					DD	57962A	E-356-1		
56902					DD	J85785	E-356-1		
56903					DD	2LP92A	E-356-1		
56904					DD	47551A	E-356-1		
56904									

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		
56905	SFRCS	LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	47551B	E-356-1			
56906					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			D	29135A	E-373					
56912			D	29135B	E-373					
56913			A	Exposed	E-3788-3					
56914			D		E-362					
56915			DF		E-347-1					
57000			LLTSP9B6	LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	DD	2LP92A	E-356-1	
57002							DD	57961A	E-356-1	
57004							DF	J84707	E-347	
57005							DF	57961A	E-347	
57006	DF	47402A					E-347			
57008	DF	57961A			E-347					
57009	DF	J84707			E-347					
57010	FF	2LP92B			E-353					
57011	FF	57961A			E-353					
57012	FF	2LP92A			E-353					
57014	FF	2LP92B			E-353					
57015	D	29134C			E-373					
57016	D	29134A			E-373					
57017	A	Exposed			E-3788-3					
57018	DD	57802A			E356-1AY 423					
57019	DD	2LP92A			E356-1A, 423					
57020	FF	2LP92A			E-353					
57021	FF	2LP92B			E-353					
57020	D				E-362					
57021	DF				E-347-1					
57100	LLTSP9B7	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	J85785	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			D	29135A	E-373					
57112			D	29135C	E-373					
57113			A	Exposed	E-3788-3					
57116			D		E-362					
57117			DF		E-347-1					
57200			LLTSP9B8	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	D	29132A			E-373					
57212	D	29132B			E-373					
57213	AB	Exposed			E-3788-3					
57214	D				E-363					
57215	AB				E-351-5, 350					
57300	LLTSP9B9	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	J83731	E-350			
57306					V	38232A	E-350			
57307					D	29133A	E-373			
57308					D	29133B	E-373			
57309			AB	Exposed	E-3788-3					
57310			D		E-363					
57311			AB		E-350, 351-5					
57310			P1L1LI P1L1LX	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1) LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)			D		E-363	
57311							AB		E-350, 351-5	

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	
57400	SFRCS	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		
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		
57412					DD	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	2CEE	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	2CEE	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		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	1CEC	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						

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
57712 57713 57714 57715 57716 57717 57718 57719 57720 57721 57722	SFRCS	PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	G I P R S S S U U U	27574A 36259A 36259A 36259A 36259A J83607 36090B 1CDB 37525A 1CDB 1CJM	E-335 E-338 E-338 E-338 E-338 E-338 E-338 E-349-3 E-349-3 E-349-3 E-349-3	
57800 57801 57802 57803 57804 57805 57806 57807 57808 57809 57810 57811 57812 57813 57814		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	CC DD DD DD AB FF U V V	1CJL 1CPL 1CJL 1CPL 38363A Exposed 1CJL 38363A 1CJL	E-347 E-356-1 E-356-1 E-356-1 E-350 E-353 E-349-3 E-350 E-350	
57808 57809 57810 57811 57812 57813 57814			1CRCPD11E	MN FW 2 < SG 2 PRESS	DD DD DD DD FF FF	1CPL 1CP62A J85777 1CPL 1CP61A 1CP62A	E-356 E-356 E-356 E-356 E-353 E-353	
57900 57901 57902 57903 57904 57905 57906 57907 57908 57909		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	CC DD DD DD DD AB FF U V V	1CJM 57303A 1CJM 1CLA 1CPL 38362A Exposed 1CJM 1CJM 38362A	E-347 E-356-1 E-356-1 E-356-1 E-356-1 E-350 E-353 E-349-3 E-350 E-350	
58000 58001 58002 58003 58004 58005 58006 58007 58008 58009 58010 58011 58012 58013 58014		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	DD DD DD DD DD DD DD DD AB A A FF FF U V	2CEV 2CPN 2CPP J85778 2CPN 2CP92A 2CEA 2CPN 38360A 38360A 2CEA 2CP92A 2CP92C 38360A 38360A	E-356-1 E-356-1 E-356-1 E-356-1 E-356-1 E-356-1 E-356-1 E-350 E-349-2 E-349-2 E-353 E-353 E-349-3 E-350	
58100 58101 58102 58103 58104 58105 58106 58107 58108		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	CC DD DD AB FF FF U U V	2CEV 2CEV 2CP92A 38361A 2CP92A 2CP92C 2CEV 38361A 38361A	E-347 E-356-1 E-356-1 E-350 E-353 E-353 E-349-3 E-349-3 E-350	
58800 58802 58803 58804 58805 58806 58807 58808 58809 58810 58811		PS3687A	2CRCPS21E	MS LINE 2 PRESS	EE EE EE EE	2CRD 57161A J85708 57161B	E-414 E-414 E-414 E-414	
58804 58805 58806 58807 58808 58809 58810 58811			2CRCPS21L	MS LINE 1(2) PRESS	DD DD DD DD EE EE FF FF	2CEV 2CPN 57162A 2CP92A 57162A 2CP92A 2CP92C	E-356 E-356 E-356 E-356 E-414 E-353 E-353	
58901 58902		PS3687C	2CRCPS21I	MS LINE 1 PRESS	EE EE	2CRB 58095B	E-417 E-414	

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP	
58903 58904 58905 58906 58907 58908 58909	SFRCs	PS3687C	2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356		
DD					57162A	E-356			
DD					2CPN	E-356			
DD					2CP92A	E-356			
EE					57162A	E-414			
FF					2CP92A	E-353			
FF		2CP92C	E-353						
59000 59001 59003 59004 59005 59006 59007 59008 59010 59011 59012			PS3687E	2CRCPS41E	MS LINE 2 PRESS	EE	2CRD		E-414
EE						57163A	E-414		
EE						57163C	E-414		
EE						2CRD	E-414		
DD						57162B	E-356		
DD	2CP92A					E-356, 423			
DD	2CEV		E-356						
DD	2CPN		E-356						
EE	57162B		E-414						
FF	2CP92A		E-353						
FF	2CP92C		E-353						
59101 59102 59103 59104 59106 59107 59108 59109 59110			PS3687G	2CRCPS41I	MS LINE 1 PRESS	EE	2CRB	E-417	
EE		58095A				E-414			
DD		2CEV				E-356			
DD		2CPN				E-356			
DD		2CP92A				E-356, 423			
DD		57162B				E-356			
EE		57162B	E-414						
FF		2CP92A	E-353						
FF		2CP92C	E-353						
59200 59201 59202 59203 59204 59205 59206 59207 59208 59209 59210 59211			PS3687K	2CRCPS21G	MS LINE 2 PRESS	EE	JB5708	E-414	
EE						2CRD	E-414		
EE						FLEX	E-414		
EE	57161A					E-414			
EE	57161B					E-414			
DD	57162A					E-356			
DD	2CEV		E-356						
DD	2CP92A		E-356						
DD	2CPN		E-356						
EE	57162A		E-414						
FF	2CP92A		E-353						
FF	2CP92C		E-353						
59300 59301 59302 59303 59304 59305 59306 59307 59308 59309 59310		PS3687L	2CRCPS21H	MS LINE 2 PRESS	EE	JB5708	E-414		
EE					57161A	E-414			
EE					FLEX	E-414			
EE					2CRD	E-414			
DD					2CEV	E-356			
DD					2CP92A	E-356			
DD		57162A	E-356						
DD		2CPN	E-356						
EE		57162A	E-414						
FF		2CP92A	E-353						
FF		2CP92C	E-353						
59400 59401 59403 59404 59405 59406 59407 59409 59410 59411 59412			PS3687M	2CRCPS41G	MS LINE 2 PRESS	EE	FLEX	E-414	
EE	2CRD					E-414			
EE	57163A					E-414			
EE	57163C					E-414			
DD	2CEV					E-356			
DD	57162B					E-356			
DD	2CPN		E-356						
DD	2CP92A		E-356, 423						
EE	57162B		E-414						
FF	2CP92A		E-353						
FF	2CP92C		E-353						
59500 59501 59502 59503 59504 59506 59507 59508 59509 59510			PS3687N	2CRCPS41H	MS LINE 2 PRESS	EE	FLEX	E-414	
EE		2CRD				E-414			
EE		57163A				E-414			
DD		2CEV				E-356			
DD		2CPN				E-356			
DD		57162B				E-356			
DD		2CP92A	E-356, 423						
EE		57162B	E-414						
FF		2CP92C	E-353						
FF		2CP92A	E-353						
59601		PS3689B	1CRCPS11F	MS LINE 1 PRESS	EE	58096A	E-417		

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
59602	SFRCS	PS3689B	1CRCPS11F	MS LINE 1 PRESS	EE	1CRC	E-414	
59603			1CRCPS11L	MS LINE 1(2) PRESS	V	58096A	E-348	
59604					DD	1CP62A	E-356	
59605					DD	1CPL	E-356	
59606					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	1CRCPS11L			MS LINE 1(2) PRESS	EE	57160C	E-414	
59702					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		1CRCPS31L		MS LINE 1(2) PRESS	EE	1CRC	E-417	
59803					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			1CRCPS31L	MS LINE 1(2) PRESS	EE	57160A	E-414, 417	
59903					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			1CRCPS11L	MS LINE 1(2) PRESS	EE	1CRC	E-414	
60002					EE	58096A	E-417	
60003					V	58096A	E-348	
60004					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			1CRCPS11L	MS LINE 1(2) PRESS	EE	58096A	E-417	
60102					EE	1CRC	E-414	
60103					V	58096A	E-348	
60104					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			1CRCPS31L	MS LINE 1(2) PRESS	EE	1CRC	E-417	
60202					EE	58096B	E-417	
60203					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

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60302	SFRCS	PS3689N	1CRCPS31H 1CRCPS31L	MS LINE 1 PRESS MS LINE 1(2) PRESS	EE	FLEX	E-417	
60303					DD	58097B	E-356, 417	
60304					DD	1CP62A	E-356	
60305					DD	1CPL	E-356	
60306					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	RCPM1	1CRCPM11B	RCP MONITOR
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					
60406	E	36082B	E-335					
60407	E	1CEB	E-335					
60408	DUCT	36082B*	E-337					
60409	FF	Exposed	E-353					
60410	S	1CGC	E-338					
60411	S	36082B	E-338					
60412	S	36082A	E-338					
60413	S	36320A	E-338					
60414	S	JB3607	E-338					
60415	UU	27122A	E-349-1					
60416	DD	JB5777	E-356-1					
60417	DD	1CPL	E-356-1					
60418	DD	1CP62A	E-356-1					
60419	FF	1CP62A	E-353					
60420	FF	1CP61A	E-353					
60421								
60500	RCPM2	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	2CP92A	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	
60519					A	2CEB	E-335	
60520	A	2CEC	E-335					
60521								
60600	RCPM3	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	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	

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	
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		
60711					DUCT	36182B*	E-337, 342		
60712					F	36182B	E-335		
60713					F	2CEE	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 ACAC201B	AP1800 CIRCUIT BREAKER (CH. A) AP1800 CONTROL CIRCUIT	S
60901	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	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	BD		E-361						
60917	BD	36012H	E-361						
60918	MG	JB3004	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	BD	30841B	E-361						
60925	BD	30841B	E-361						
60926	FF		E-353						
60927	BD		E-361						
61000	P3-1	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					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		BF	36004G	E-361					
61033		BF	36004F	E-361					
			1CAC107C	MP0031 CONTROL CIRCUIT					

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		
61034	SWS	P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	BF	JB3014	E-361			
61035					BF	36004E	E-361			
61036					BG	36004E (A)	E-361			
61037					DUCT	36004D*	E-326, 360			
61038					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			S	36513A	E-338	14 D				
61061A			S	1CGZ	E-338	A				
61062A			S	36517A	E-338	A				
61065			BF	36005D	E-361	A				
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					
61072			S		E-338					
61073			R		E-338					
61074			FF		E-353					
61075			FF		E-353					
61076			S		E-338					
61077			BF		E-361					
61078			BF		E-361					
61100			P3-2	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	BF	36104G			E-361					
61127	BF	JB3015			E-361					
61128	BF	36104F			E-361					
61129	BF	JB3023			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		
61130	SWS	P3-2	2CAD107E	MP0032 CONTROL CIRCUIT	BF	36104E	E-361			
61131					BG	36104E	E-361			
61132					DUCT	36104D*	E-304, 360			
61133					MA	2CAM	E-304, 309			
61134					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					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					F	2CEE	E-335			
61145					F	2CEE	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			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			Q	36713A	E-338	A				
61153A			Q	2CGE	E-338	A				
61154A			Q	36717A	E-338	A				
61156			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			R		E-338	D				
61163			Q		E-338					
61168			Q		E-338					
61167			FF		E-356-8					
61164			FF		E-353					
61165			BF		E-361					
61166			BF		E-361					
61200			P3-3	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	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	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					

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

FIRE HAZARD ANALYSIS
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		
61236	SWS	P3-3	1CAC109D	MP0033 CONTROL CIRCUIT	CC	27121A	E-347			
61237					UU	27121A	E-349-1			
61238					A	27121A	E-335			
61239					A	1CEB	E-335			
61240					E	1CEB	E-335, 342			
61241					DUCT	36082B*	E-337, 342			
61242					S	36082B	E-338			
61243					S	J83607	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			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			1CAC109E	MP0033 CONTROL CIRCUIT	1CAC109F	MP0033 CONTROL CIRCUIT	BF	36004G	E-361	
61254							BF	36004F	E-361	
61255							BF	J83014	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	1CACD4D	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							DD	1CP16A	E-356-8	
61271							S	36517A	E-338, 351-1	
61272							S	1CGZ	E-338, 351-1	
61273							S	1CGC	E-338	
61274							S	36311A	E-338	
61275							R	36311A	E-338	
61276							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	J83607	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					
61292			R	36311A	E-338					
61293			S	36311A	E-338					
61294			S	1CGC	E-338					
61295			S	36517A	E-338, 351-1					
61296			S	1CGZ	E-338, 351-1					
61297	R	36308A	E-338							
61298	S	36308A	E-338							
61299	R	46198B	E-338							
61300	R	46198A	E-338							
61301	S	46198A	E-338							
61302	Y	46198A	E-338							
61303	Q	36717A	E-351-2							
61304	Q	2CGE	E-338							
61305	Q	36412A	E-338							
	R	36412A	E-338							
	DD	2CPP	E-356-7							
	DD	2CEA	E-356-7							
	A	2CEA	E-335, 349-2							
	A	2CEB	E-335							
	FF	2CP15C	E-356-8							
	DD	2CP15C	E-356-8							
	DD	2CPN	E-356-7							
	A	2CEC	E-335							

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP				
61306	SWS	P3-3	2CACD5E	MP0033 CONTROL CIRCUIT	F	2CEC	E-335					
61307					DUCT	36192B*	E-337, 342					
61308					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					
61352A					R	36412A	E-338					
61353A					R	36412A	E-338					
61354A					Q	2CGE	E-338, 351-2					
61355A	Q	36717A	E-338, 351-2									
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					F	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					
61353					Q	36412A	E-338					
61354					Q	36717A	E-338, 351-2					
61355					Q	2CGE	E-338, 351-2					
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					R	36408A	E-338					
61375					R	36408A	E-338					
61381E					R	36342C	E-338					
61381F					R	36342A	E-338					
61381G					Q	36342A	E-338					
61381H	Q	JB3640	E-338									
61381I	Q	46823B	E-338									

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/ TYP
61381J	SWS	P3-3	2PD2P08A 3PACD06A 3PACD6A	CONTROL POWER TO TRANSFER SWGR 5-ACD5 MP0033 POWER CIRCUIT MP0033 POWER CIRCUIT	X	46823B	E-346	
61379					MA	3PAM	E-304, 309	
61376					BF	36201D	E-361	
61377					BG	36201D	E-361	
61378					DUCT	36201C*	E-304, 360	
61380					DUCT	36201B*	E-307, 305	
61381					R	36201A	E-337	
61382					S		E-338	
61383					R		E-338	
61384					R		E-338	
61385					R		E-338	
61386					R		E-338	
61387					Q		E-338	
61394					FF		E-353	
61388					FF		E-353	
61389					FF		E-353	
61390					FF		E-353	
61391	S		E-338					
61392	BF		E-361					
61393	BF		E-361					
61400	SW1356	1CV1356A	SV1356 CONTROL CIRCUIT	A	37800C	E-349-2		
61401				A	JB3725	E-349-2		
61402				A	37800B	E-349-2		
61403				A	37800D	E-349-2		
61404				A	JB3725	E-349-2		
61405				A	37800B	E-349-2		
61406				A	Flex	E-349-2		
61407				A	JB3710	E-349-2		
61408				A	37800E	E-349-2		
61409				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				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				A	37800G	E-349-2		
61430				A	JB3725	E-349-2		
61431				A	37800B	E-349-2		
61436				FF		E-356-8		
61432				A		E-349-2		
61433				A		E-349-2		
61434				A		E-349-2		
61435				A		E-349-2		
61500				SW1357	2CV1357A	SV1357 CONTROL CIRCUIT	A	37802C
61501	A	JB3726	E-349-2					
61502	A	37802B	E-349-2					
61503	A	37802D	E-349-2					
61504	A	JB3726	E-349-2					
61505	A	37802B	E-349-2					
61506	A	37804C	E-349-2					
61507	A	37804C	E-349-2					
61508	FF	2CP16C	E-356-8					
61509	DD	2CP16C	E-356-8					
61510	DD	2CPN	E-356-7					
61511	DD	2CPP	E-356-7					
61512	DD	2CEA	E-356-7					
61513	A	2CEA	E-349-2					
61514	A	37806A	E-349-2					
61515	A	37806A	E-349-2					
61515	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-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO./TYP	
61516	SWS	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		
61521					Q	36729A	E-338		
61522					Q	36192A	E-338, 418		
61523					Q	2CGE	E-338, 418		
61524					Q	J83620	E-338, 418		
61525					Q	36192B	E-338		
61526					DUCT	36192B*	E-337, 342		
61527					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					A	37802F	E-349-2		
61534					A	J83726	E-349-2		
61535		A	37802B	E-349-2					
61540		FF		E-356-8					
61536		A	C5716	SC1357 CONTROL ROOM PANEL					
61537		A	NV1357	SV1357 LOCAL CONTROLLER (CH. 2)					
61537		A	RC3702	SV1357 RELAY CABINET (CH. 2)					
61538		A	SV1357A	CTMT AIR CLR 2 OUT ISO VLV SOLENOID					
61539		A	SV1357B	CTMT AIR CLR 2 OUT ISO VLV SOLENOID					
61600		SWS	SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	Y	46547A	E-346	
61601						Y	1CKA	E-346	
61602						Y	1CKD	E-346	
61603						Y	460518*	E-343, 344, 355	
61603A						X	460518*	E-343, 344, 355	
61603B						DF	460518*	E-343, 344, 355	
61603C						A	460518*	E-343, 344, 355	
61603D						DD	460518*	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	Y					46521A	E-346		
61613	Y					46521A	E-346		
61614	Y					1CKA	E-346		
61615	Y		1CKD	E-346					
61616	Y		460568*	E-343, 344, 356-1					
61616A	X		460568*	E-343, 344, 355					
61616B	DF		460568*	E-343, 344, 355					
61616C	A		460568*	E-343, 344, 355					
61616D	DD		460568*	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	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	Y		46521A	E-346					
61636	Y		46521A	E-346					
61637	Y		1CKA	E-346					
61638	Y		1CKD	E-346					
61639	Y		460588*	E-343, 344, 356-1					
61639A	X		460588*	E-343, 344, 355					
61639B	DF		460588*	E-343, 344, 355					
61639C	A		460588*	E-343, 344, 355					
61639D	DD		460588*	E-343, 344, 355					
61640	DD	46058A	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
61641	SWS	SW1358	1CV1358AJ	SV1358 CONTROL CIRCUIT	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					FF	1CP16A	E-356-8	
61650					DD	1CP16A	E-356-8	
61651			DD	1CPL	E-356-6			
61652			DD	1CJM	E-356-6			
61653			CC	1CJM	E-347			
61654			U	1CJM	E-349-3			
61655			U	37137A	E-349-3			
61657			A	37137A	E-349-2			
61658			A	JB3725	E-349-2			
61659			A	Nipple	E-349-2			
61660			FF	1CP16A	E-356-8			
61661			DD	1CP16A	E-356-8			
61662			DD	1CPL	E-356-6			
61663			DD	1CJM	E-356-6			
61664			CC	1CJM	E-347			
61665			U	1CJM	E-349-3			
61666			U	37137A	E-349-3			
61667			A	37137B	E-349-2			
61668			X	46743A	E-346			
61669			X	2CKM	E-346			
61670			DF	2CKM	E-346, 347			
61671			DD	2CKM	E-356-7			
61672			DD	2CPN	E-356-7			
61673			DD	2CPP	E-356-7			
61674			DD	2CEA	E-356-7			
61675			A	2CEA	E-349-2			
61676			A	37806A	E-349-2			
61677			A	37806A	E-349-2			
61678			A	37802A	E-349-2			
61679			Y	46072A	E-343			
61679A			Y	46072A*	E-344, 343			
61679B			S	46072A*	E-343, 344			
61679C			Y	46072A*	E-343, 344			
61679D			X	46072A*	E-343, 344			
61679E			X	46072A*	E-343, 344			
61679F			R	46072A*	E-343, 344			
61679G			P	46072A*	E-343, 344			
61679H			A	46072A*	E-343, 344			
61680			DF	46072A*	E-343, 344			
61681			DF	46072B	E-347			
61682			DF	2CKM	E-347			
61683			DD	2CKM	E-356-7			
61684			DD	2CPN	E-356-7			
61685			DD	2CPP	E-356-7			
61686			DD	2CEA	E-356-7			
61687			A	2CEA	E-349-2			
61688			A	37806B	E-349-2			
61689			A	37806B	E-349-2			
61690			FF	2CP16C	E-356-8			
61691			DD	2CP16C	E-356-8			
61692			DD	2CPN	E-356-7			
61693			DD	2CPP	E-356-7			
61694			DD	2CEA	E-356-7			
61695			A	2CEA	E-349-2			
61696			A	37806A	E-349-2			
61697			A	37806A	E-349-2			
61698			A	37802A	E-349-2			
61699			Y	46072A	E-343			
61699A			Y	46072A*	E-343, 344			
61699B			S	46072A*	E-343, 344			
61699C			Y	46072A*	E-343, 344			
61699D			X	46072A*	E-343, 344			
61699E			X	46072A*	E-343, 344			
61699F			Q	46072A*	E-343, 344			
61699G			R	46072A*	E-343, 344			
61699H			P	46072A*	E-343, 344			
61700			A	46072A*	E-343, 344			
61701			DF	46072A*	E-343, 344			
61702			DF	46072B	E-347			
61703			DF	2CKM	E-347			
			DD	2CKM	E-356-7			
			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		
61704	SWS	SW1358	2CV1358BJ	SV1358 CONTROL CIRCUIT	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					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					
61716			A	37138A	E-349-2					
61717			A	37138A	E-349-2					
61718			A	JB3726	E-349-2					
61719			A	Nipple	E-349-2					
61720			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					
61730			A	37801E	E-349-2					
61731			A	JB3727	E-349-2					
61732			A	37801B	E-349-2					
61733			A	37801F	E-349-2					
61734			A	JB3727	E-349-2					
61735			A	37801B	E-349-2					
61736			A	Flex	E-349-2					
61737			A	JB3711	E-349-2					
61738			A	37801G	E-349-2					
61739			A	37801A	E-349-2					
61748			BE1501	SV1358 CONTROL CIRCUIT	Y	CAC FAN 3 STARTER	Y		E-346	
61750			BEF15	480 V MCC FOR ESSENTIAL EQUIPMENT	Y		Y		E-351-1	
61749			BF1501	CAC FAN 3 STARTER	X		X		E-346	
61740			C5716	SV1358 CONTROL ROOM PANEL (CH. 1/2)	FF		FF		E-353	
61741			NV1358	SV1358 LOCAL CONTROLLER	A		A		E-349-2	
61742			NV1358A	SV1358 LOCAL CONTROLLER	A		A		E-349-2	
61743			NV1358B	SV1358 LOCAL CONTROLLER	A		A		E-349-2	
61744			RC3701	SV1358 RELAY CABINET	A		A		E-349-2	
61745			RC3702	SV1358 RELAY CABINET	A		A		E-349-2	
61746			SV1358A	CTMT AIR CLR 3 OUT ISO VLV SOLENOID	A		A		E-349-2	
61747			SV1358B	CTMT AIR CLR 3 OUT ISO VLV SOLENOID	A		A		E-349-2	
61800			SW1366	SW1366	1CBE1142B	MV1366 CONTROL CIRCUIT	A	37803A	E-349-2	
61801							A	37803A	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							A	37803B	E-349-2	
61808							A	Nipple	E-349-2	
61809							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	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	1CJL			E-350					
61822	Y	38557A			E-346					
61823	Y	46548A			E-346					
61824	Y	1CKA			E-346					
61825	Y	1CKD			E-346					
61825A	Y	46055B*			E-343, 344, 355					
61825B	X	46055B*			E-343, 344, 355					
61825C	DF	46055B*			E-343, 344, 355					
61825D	A	46055B*			E-343, 344, 355					
61826	DD	46055B*			E-343, 344, 355					
					DD	46055A	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			
61827	SWS	SW1366	1CBE1142G	MV1366 CONTROL CIRCUIT	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	J83805	E-350				
61835					A	38090A	E-349-2				
61836					V	38090A	E-350, 349-3				
61837			BE1142	1PBE1142A	MV1366 POWER CIRCUIT	V		E-350			
61843			BE1401			V		E-346			
61838			C5716			V		E-350			
61839			CDE-11C			FF		E-353			
61840			EV1366			V		E-350			
61841			MV1366			A		E-349-2			
61842			NV1366			A		E-349-2			
						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	A	37804B		E-349-2							
61912	A	Nipple		E-349-2							
61913	X	46361A		E-346							
61914	X	46741B		E-346							
61915	X	2CKM		E-346							
61916	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	X	46742A		E-346							
61924	X	46741A		E-346							
61925	X	2CKM		E-346							
61926	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	X		E-346								
61932	X		E-346								
61933	FF		E-353								
61934	X		E-346								
61935	A		E-349-2								
61936	A		E-349-2								
		A		E-349-2							
62000	SW1368	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					Y	46547A	E-346				
62005					Y	46547A	E-346				
62006					Y	46545A	E-346				
62007					Y	1CKA	E-346				
62008					Y	46261A	E-346				
62009					Y	46545A	E-346				
62010			Y	1CKA	E-346						
62011			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								
62018	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		
62019	SWS	SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	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						U	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	
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	X	37804D	E-349-2	
62073					2CBF1224J	MV1368 CONTROL CIRCUIT	A	36808A	E-349-2	
62074					2CBF1224K	MV1368 CONTROL CIRCUIT	A	46173A	E-346	
62075							Y	46173A	E-346	
62076					2PBF1224A	MV1368 POWER CIRCUIT	X	46536A	E-346	
62077							Y	46536A	E-338	
62078							S	46536A	E-338, 351-2	
62079							Q	46536A	E-346	
62080					3PBE1207H	MV1368 POWER CIRCUIT	X	46075B	E-349-2	
62081							A	46075A	E-346, 351-1	
62082							Y		E-346	
62092					BE1207	MV1368 CIRCUIT BREAKER (CH 1)	Y		E-346	
62094					BE1501	CAC FAN 3 STARTER	Y		E-346	
62095					BEF128	MCC EF12 BREAKER FROM E12A	Y		E-346, 351-1	
					BEF129	MCC EF12 BREAKER FROM F12A	Y		E-346, 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		
62083	SWS	SW1368	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			CDF-12A-1	MV1368 DISCONNECT SWITCH (CH. 2)	X		E-346			
62087			MV1368	CTMT AIR CLR 1-3 INLET ISO VLV	A		E-349-2			
62088			MV1368A	MV1368 LOCAL CONTROLLER (CH. 1)	A		E-349-2			
62089			MV1368B	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			SWS	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	J83607	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					E	27270A	E-335			
62412					E	Nipple	E-335, 418			
62413					Y	46261A	E-346			
62414					Y	1CKA	E-346			
62415					Y	46546A	E-346			
62416					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	J83607	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					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					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	J83607	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			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	J83607	E-338, 418					
62460			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			E	27263B	E-335					
62467			E	27263A	E-335					

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

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP		
62631	SWS	SW1383	2CBF1177H	MV1383 CONTROL CIRCUIT	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	2CEG	E-335			
62642					A	2CEH	E-335			
62643					A	2CEH	E-335, 418			
62644					A	27438A	E-335, 418			
62645					A	27705A	E-335			
62646					A	2CEH	E-335			
62647					A	2CEH	E-335			
62648					A	2CEH	E-335			
62649					A	2CEG	E-335			
62650					A	2CED	E-335			
62651					DD	2CED	E-356-7			
62652					DD	2CKN	E-356-7			
62653					DD	2CPR	E-356-7			
62654					DD	2CKM	E-356-7			
62655					DF	2CKM	E-346, 347			
62656			X	2CKM	E-346					
62657			X	46526C	E-346					
62658			F	27364B	E-335					
62659			F	27364A	E-335					
62660			F	2CEE	E-335					
62661			A	2CEE	E-335					
62662			A	27133A	E-335					
62663			A	2CED	E-335					
62664			DD	2CED	E-356-7					
62665			DD	2CKN	E-356-7					
62666			DD	2CPR	E-356-7					
62667			DD	2CKM	E-356-7					
62668			DF	2CKM	E-346, 347					
62669			X	2CKM	E-346					
62670			X	46526A	E-346					
62671			F	27364C	E-335					
62672			F	27364A	E-335					
62673			F	2CEE	E-335					
62674			A	2CEE	E-335					
62675			A	27133A	E-335					
62676			A	2CED	E-335					
62677			DD	2CED	E-356-7					
62678			DD	2CKN	E-356-7					
62679			DD	2CPR	E-356-7					
62680			DD	2CKM	E-356-7					
62681			DF	2CKM	E-346, 347					
62682			X	2CKM	E-346					
62683			X	46526A	E-346					
62684			A	27259B	E-335					
62685			A	2CEH	E-335					
62686			A	2CEH	E-335					
62687			A	2CEG	E-335					
62688			A	2CED	E-335					
62689			DD	2CED	E-356-7					
62690			DD	2CKN	E-356-7					
62691			DD	2CPR	E-356-7					
62692			DD	2CKM	E-356-7					
62693			DF	2CKM	E-346, 347					
62694			X	2CKM	E-346					
62707			X	46526C	E-346					
62708			R	36172A	E-338					
62709			Q	36172A	E-338					
62710			Q	2CGE	E-338, 418					
62711			Q	36178A	E-338, 418					
62712			Q	JB3620	E-338, 418					
62713			Q	36178B	E-338					
62714			DUCT	36178B*	E-342, 337					
62715			F	2CEF	E-335					
62716			A	2CEF	E-335					
62717			A	2CEH	E-335					
62718			A	2CEH	E-335					
62719			A	27705A	E-335					
62720			A	27425A	E-335					
62721			R		E-338					
				2PBF1177A		MV1383 POWER CIRCUIT				
				BF1177		MV1383 CIRCUIT BREAKER (CH. 2)				
				C3630		MV1383 AUX SHUTDOWN PANEL (CH. 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		
62722	SWS	SW1383	C5709	MV1383 CONTROL ROOM PANEL (CH. 2)	FF		E-353			
62723			CDF-11C	MV1383 DISCONNECT SWITCH (CH. 2)	A		E-335			
62724			CDF-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			JT5722	MV1383 TERMINAL BOX (CH. 2)	DD		E-356			
62728			MV1383	AUX FEEDPUMP 1-2 SUCTION VALVE (CH. 2)	A		E-335			
62729			MV1383	MV1383 LOCAL CONTROLLER (CH. 2)	A		E-335			
62800			SW1395	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							BG	Flex	E-361	
62805					BG	Nipple	E-361			
62806					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	2CEG	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			BF	30641A	E-361					
62830			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	362020*	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			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			BG	30529C	E-361					
62860			BF	30529B*	E-360					
62861			BF	30529B	E-361					
62862			BF		E-361					
62863			FF		E-353					
62864			FF		E-353					
62865			BF		E-351					
62866			BG		E-361					
62867			BF		E-361					
62868			BG		E-361					
			BF1277	MV1395 CIRCUIT BREAKER						
			C5717	MV1395 CONTROL ROOM PANEL						
			C5756C	MV1395 CONTROL ROOM PANEL						
			CDF-12C	MV1395 DISCONNECT SWITCH						
			EV1395	MV1395 TERMINAL BOX						
			FPSL1377A	MV1395 PRESSURE SWITCH						
			MV1395	TPCW HX IN HEADER ISO VLV						

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
62868	SWS	SW1395	NV1395	MV1395 LOCAL CONTROLLER	BG		E-361	
62900		SW1399	1CBE1277B	MV1399 CONTROL CIRCUIT	BG	30601A	E-361	
62901					BF	30601A	E-361	
62902					BF	J83021	E-361	
62903					BF	30596A	E-361	
62904					BE	30596A	E-361	
62905			1CBE1277C	MV1399 CONTROL CIRCUIT	BG	30605A	E-361	
62906			1CBE1277D	MV1399 CONTROL CIRCUIT	BG	Nipple	E-361	
62907			1CBE1277E	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	J83607	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	J83014	E-361	
62929					BF	30599A	E-361	
62930					BE	30599A	E-361	
62931			1CBE1277F	MV1399 CONTROL CIRCUIT	BE	30593A	E-361	
62932			1CBE1277G	MV1399 CONTROL CIRCUIT	E	1CEB	E-335	
62933					DUCT	36079B*	E-337	
62934					S	J83607	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	J83014	E-361	
62954					BF	30594C	E-361	
62955					BE	30594C	E-361	
62956					BE	30594A	E-361	
62957			1CBE1277H	MV1399 CONTROL CIRCUIT	BF	30739A	E-361	
62958					BF	J83021	E-361	
62959					BF	30601A	E-361	
62960					BG	30601A	E-361	
62961			1PB1277A	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			C5717	MV1399 CONTROL ROOM PANEL	FF		E-353	
62965A			C5763C	MV1399 CONTROL ROOM PANEL	FF		E-353	
62966					FF		E-353	
62966A			CDE12C	MV1399 DISCONNECT SWITCH	BE		E-361	
62967			EV1399	MV1399 TERMINAL BOX	BG		E-361	
62968			FPSL1376A	MV1399 PRESSURE SWITCH	BF		E-361	
63000A			MV1399	TPCW HX IN HEADER ISO VLV	BF		E-361	
63001		SW1424	NV1399	MV1399 LOCAL CONTROLLER	BG		E-361	
63000A		SW1424	1CV1424A	SV1424 CONTROL CIRCUIT	T	37449D	E-349-1	A
63001					T	37449A	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		
63004	SWS	SW1424	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					1CV1424E	SV1424 CONTROL CIRCUIT	T	37035A	E-349-1	
63015							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		
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		
63029				SV1424	SW FROM CC HX 1 ISO VLV SOLENOID	T		E-349-1		
63100		SWS	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	J83607	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	J83721	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		
63139						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	J83620	E-338, 418		
63145					Q	36179A	E-338, 418			
63146					Q	36715D	E-338, 351-1			
63147					Q	2CGE	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		
63148	SWS	SW1429	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					A	37450A	E-349-2			
63157					U	37450A	E-349-3			
63158					T	37450A	E-349-1			
63159					T	JB3722	E-349-1			
63160					T	37452F	E-349-1			
63161					T	37452D	E-349-1			
63162					T	Nipple	E-349-1			
63163					T	37452E	E-349-1			
63164					T	37452D	E-349-1			
63165					Q	36715D	E-338, 351-2			
63166					Q	2CGE	E-338			
63167					Q	36411A	E-338			
63168					R	36411A	E-338			
63169					T	36205E	E-349-1			
63170					G	36205E	E-335			
63171					A	36205E	E-335			
63172					A	36205E	E-335			
63173					A	36205E	E-335			
63174					A	JB2703	E-335			
63175					DUCT	36205B*	E-337, 342			
63176					R	36205A	E-338			
63177					R	36205D	E-338			
63178					T	36205E	E-349-1			
63179					G	36205E	E-335			
63180					A	36205E	E-335			
63181					A	36205E	E-335			
63182					A	JB2703	E-335			
63183					DUCT	36205B*	E-337, 342			
63185					R	36205A	E-338			
63186					T	36205C	E-338			
63187					T	37453A	E-349-1			
63188					S	Nipple	E-349-1			
63189					R		E-338			
63190					R		E-338			
63191					Q		E-338			
63192					FF	SV1429 CONTROL ROOM PANEL (CH. 1/2)	E-353			
63193					FF	SV1429 CONTROL ROOM PANEL (CH. 2)	E-353			
63194					FF	SV1429 CONTROL ROOM PANEL (CH. 1)	E-353			
63195					T	SV1429 TERMINAL BOX (CH. 1)	E-349-1			
63196					T	SV1429 TERMINAL BOX (CH. 1/2)	E-349-1			
63197					T	SV1429 TERMINAL BOX (CH. 2)	E-349-1			
63198					T	SV1429 LOCAL CONTROLLER (CH. 3)	E-349-1			
63199					T	SV1429 LOCAL CONTROLLER (CH. 1)	E-349-1			
63200					T	SV1429 LOCAL CONTROLLER (CH. 2)	E-349-1			
					T	SW FROM HX 3 ISO VLV SOLENOID	E-349-1			
63300					SW1434	2CV1434A	SV1434 CONTROL CIRCUIT	T	37452A	E-349-1
63303								T	Nipple	E-349-1
63304								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							
63316	T	Flex	E-349-1							
63317	T	37452A	E-349-1							
63318	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	DD	2CEA	E-356-7							
63324	A	2CEA	E-349-2							
63325	A	37450A	E-349-2							
63326	A	37450A	E-349-2							
63327	U	37450A	E-349-2							
	T	37450A	E-349-1							
63300	SW1434	2CV1434C	SV1434 CONTROL CIRCUIT	T				37452A	E-349-1	
63303				T				Nipple	E-349-1	
63304				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							
63316	T	Flex	E-349-1							
63317	T	37452A	E-349-1							
63318	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	DD	2CEA	E-356-7							
63324	A	2CEA	E-349-2							
63325	A	37450A	E-349-2							
63326	A	37450A	E-349-2							
63327	U	37450A	E-349-2							
	T	37450A	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			
63328	SWS	SW1434	2CV1434G	SV1434 CONTROL CIRCUIT	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			
63334				SV1434	SW FROM CC HX 2 ISO VLV SOLENOID	T		E-349-1			
63400			SW2927	SW2927	1CBE1232B	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		1CBE1232C			MV2927 CONTROL CIRCUIT	HH	67130A	E-416			
63408		1CBE1232D			MV2927 CONTROL CIRCUIT	HH	Nipple	E-416			
63409		1CBE1232E			MV2927 CONTROL CIRCUIT	Y	46262A	E-346			
63410						Y	1CKA	E-346			
63411						Y	46538A	E-346			
63412		1CBE1232F			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		1CBE1232X			MV2927 CONTROL CIRCUIT	HH	67211A	E-416			
63423		1PBE1232A			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	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			
63517						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	47056C	E-414			
63525A						EE	47056B*	E-353			
63526						DF	47056B*	E-353			
63527				BF1132	MV2928 CIRCUIT BREAKER (CH. 2)	DF	47056A	E-347			
63528				C5720	MV2928 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	
63530	SWS	SW2928	C6709	MV2928 EMER SYS COND CABINET (CH. 2)	HH		E-416		
63531			CDF-11A-1	MV2928 DISCONNECT SWITCH (CH. 2)	DF		E-347		
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			MV2928	MV2928 LOCAL CONTROLLER (CH. 2)	HH		E-416		
63600		SW2929	SW2929	1CBE1281B	MV2929 CONTROL CIRCUIT	BG	30675A	E-361	
63601						BF	30675A	E-361	
63602						BF	J83014	E-361	
63603						BF	30675B	E-361	
63604						BE	30675B	E-361	
63605						BG	30677A	E-361	
63606						BG	Nipple	E-361	
63607						BE	30593A	E-361	
63608						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		J83607	E-338, 418					
63620	S		36079A	E-338, 418					
63621	S		1CGC	E-338, 418					
63622	S		1CG2	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		J83014	E-361					
63630	BE		30594C	E-361					
63631	BE		30594A	E-361					
63632	BG		30170A	E-361					
63633	BG		30555A	E-361					
63634	BE		30555A	E-361					
63635	BE			E-361					
63636	BE			E-361					
63637	FF			E-353					
63638	BE			E-361					
63639	BG			E-361					
63640	BG			E-361					
63641	BG			E-361					
63642	BG			E-361					
63643	BE			E-361					
63644	BE			E-361					
63645	FF		E-353						
63646	BE		E-361						
63647	BG		E-361						
63648	BG		E-361						
63649	BG		E-361						
63700	SW2930	SW2930	2CBF1281B	MV2930 CONTROL CIRCUIT	BG	30528A	E-361		
63701					BF	30528A	E-361		
63702					BF	J83023	E-361		
63703					BF	36104F	E-361		
63704					BF	J83015	E-361		
63705					BF	30611A	E-361		
63706					BG	30527A	E-361		
63707					BG	Nipple	E-361		
63708					BF	30641A	E-361		
63709					FF	5721A1	E-356-9		
63710					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		
63714					A	2CEA	E-349-2, 335, 347		
63715		A	2CEB	E-335					
63716		A	2CEC	E-335					
63717		F	2CEC	E-335					
63718		DUCT	36189B*	E-337, 342					
63719		Q	36189B	E-338					
63720		Q	J83620	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	J83023	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	
63730	SWS	SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	BF	36104F	E-361		
63731					BF	JB3015	E-361		
63732					BF	30640A	E-361		
63733					2CBF1281G	MV2930 CONTROL CIRCUIT	BG	306788	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				CDF-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				MV2930	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							LU	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					BE	30554A	E-361		
63834			1PBE1282A	MV2931 POWER CIRCUIT	BE		E-361		
63835			BE1282	MV2931 CIRCUIT BREAKER (CH. 1)	FF		E-353		
63836			C5720	MV2931 CONTROL ROOM PANEL (CH. 1)	BE		E-361		
63837			CDE-12C	MV2931 DISCONNECT SWITCH (CH. 1)	BE		E-361		
63838			EV2929	MV2931 TERMINAL BOX (CH. 1)	BG		E-361		
63839			MV2931	SW TO COOLING TOWER MU VALVE (CH. 1)	BG		E-361		
63839			MV2931	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						BG	30526A	E-361	
63907				2CBF1282C	MV2932 CONTROL CIRCUIT	BG	Nipple	E-361	
63908				2CBF1282D	MV2932 CONTROL CIRCUIT	BG	Nipple	E-361	
63909				2CBF1282E	MV2932 CONTROL CIRCUIT	BF	30641A	E-361	
63910			2CBF1282F	MV2932 CONTROL CIRCUIT	FF	5721A1	E-356-9		
63910					DD	5721A1	E-356-7, 356-9		

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				
63911	SWS	SW2932	2CBF1282F	MV2932 CONTROL CIRCUIT	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					BG	30595A	E-361					
63935					BF	30595A	E-361					
63936					BF		E-361					
63937					FF		E-353					
63938					BF		E-361					
63939					BG		E-361					
63940					BG		E-361					
63941					BG		E-361					
63941A					SW630	N/A	N/A	TPCCW HX1 OUTLET	II	N/A		
63941B					SW631	N/A	N/A	TPCCW HX2 OUTLET	II	N/A		
63941C					SW632	N/A	N/A	TPCCW HX3 OUTLET	II	N/A		
63925		2PBF1282A		MV2932 POWER CIRCUIT								
63925		BF1282		MV2932 LOCAL CONTROLLER (CH. 2)								
63925		C5720		MV2932 CONTROL ROOM PANEL (CH. 2)								
63925		CDP-12C		MV2932 DISCONNECT SWITCH (CH. 2)								
63925		EV2930		MV2932 TERMINAL BOX (CH. 2)								
63925		MV2932		SW TO COLLECTION BASIN VALVE (CH. 2)								
63925		MV2932		MV2932 LOCAL CONTROLLER (CH. 2)								

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