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SBN-961  
T.F. 84.2.99

United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Mr. Vincent S. Noonan, Project Director  
PWR Project Directorate #5

References: (a) Construction Permit CPPR-135 and CPPR-136, Docket Nos.  
50-443 and 50-444

(b) USNRC Letter, dated October 23, 1985, "Technical  
Evaluation Report for Generic Letter 83-28, Item 1.2,"  
G. W. Knighton to R. J. Harrison


Subject: Additional Information Regarding Generic Letter 83-28, Item 1.2,  
"Post Trip Review (Data and Information Capability)"

Dear Sir:

In response to the referenced request for additional information,  
enclosed please find our response to Item 1.2.

This submittal concludes our response to all requests for information  
described in Reference (b).

Very truly yours,

  
George S. Thomas

GST/cjb

Enclosure

cc: ASLB Service List

*Handwritten initials: A055 '11*

8603120213 860306  
PDR ADOCK 05000443  
A PDR

Enclosure for SBN-961

ITEM 1.2 "POST TRIP REVIEW DATA AND INFORMATION CAPABILITY"

1. Provide a listing of the parameters monitored by the sequence-of-events recorder and the time history recorder.

RESPONSE:

The time history recorder (analog function) has one hundred and ninety two (192) separate parameters can be monitored. A listing of monitored parameters is shown on Attachment 1. The sequence-of-events recorder (digital function) has over thirty five hundred (3500) separate parameters that it monitors. A listing of these parameters is shown as Attachment 2.

2. Provide the performance characteristics for the time history recorder.

RESPONSE:

Initiating Events

The Analog Postmortem Report Function can either be automatically initiated or manually initiated. Automatic initiation occurs when one of the following digital points alarms.

<u>DIGITAL POINT ID</u>	<u>DESCRIPTION</u>
1. D4450	RX TRIP OT DT
2. D4451	RX TRIP OP DT
3. D4452	RX TRIP 2 LOOP LOSS OF FLOW
4. D4453	RX TRIP 1 LOOP LOSS OF FLOW
5. D4454	RX TRIP PRESSURIZER PRESSURE LOW
6. D4455	RX TRIP PRESSURIZER PRESSURE HIGH
7. D4456	RX TRIP PRESSURIZER LEVEL HIGH
8. D4470	RX TRIP RCP UV
9. D4471	RX TRIP RCP UF
10. D4596	SI ACTUATION
11. D4865	RX TRIP SG A LVL LO-LO
12. D4866	RX TRIP SG B LVL LO-LO
13. D4867	RX TRIP SG C LVL LO-LO
14. D4868	RX TRIP SG D LVL LO-LO
15. D5022	RX TRIP PR HIGH FLUX HI SETPOINT
16. D5023	RX TRIP PR HIGH FLUX LOW SETPOINT
17. D5024	RX TRIP PR HIGH RATE
18. D5027	RX TRIP SR HIGH FLUX
19. D5030	RX TRIP IR HIGH FLUX
20. D7704	RX TRIP MANUAL TRAIN A
21. D7705	RX TRIP MANUAL TRAIN B
22. D7710	RX TRIP/P-4 ENERGIZED

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(continued)

Executing MANUAL INITIATION manually initiates Analog Postmortem Report function data collection provided the function is reset and automatic initiation has not occurred. Automatic initiation overrides MANUAL INITIATION. The (initiated/uninitiated) status field associated with this option dynamically reflects whether or not it has been executed.

Data Collected

The data collected is a subset of the one-hour analog archive file and consists of up to a maximum of 192 preselected process points and their values obtained every five seconds within the fifty-six minute interval surrounding initiation. These points can be of any mix provided they are one of the following types:

MPCS Analog Inputs  
MPCS/RVLIS Analog Data Base Values  
MPCS/RDMS Analog Data Base Values

The particular points to be included in the data collected are controlled by the Operations department. Calculated values are excluded.

Reports

Formatted reports characterized by discrete data resolutions and time frames are automatically produced and printed on the high speed line printer in the MPCS computer room upon completion of data collection when in automatic. When in the manual mode executing PRINT POSTMORTEM REPORT prints out a Postmortem Report on the hi-speed line printer in the MPCS computer room. This report will include the data obtained within the interval bounded by the time at twenty-eight minutes prior to either manual or automatic Analog Postmortem Report Function initiation, and the time at which this option is selected. The analog recorded Postmortem Report is comprised of four sections. Distinct data resolution is used for each individual section. The following chart shows the data resolution for each section at twenty eight minutes before and after trigger (initiation):

<u>Section #</u>	<u>Time Surrounding Trigger (Mins:Secs)</u>		<u>Data Resolution (:Secs)</u>
	<u>Before</u>	<u>After</u>	
Section 1	28:00	28:00	:60
Section 2	14:00	14:00	:30
Section 3	07:00	07:00	:15
Section 4	02:20	02:20	:05

Enclosure for SBN-961

(continued)

Selection of this option at any time after twenty-eight minutes following function initiation will produce a full Postmortem Report provided the function has not been reset.

3. Provide a sample of the output format for the digital and analog recorded data.

RESPONSE:

An analog recorded Postmortem Report is sixty-four pages in length with four sixteen-page Report Sections. The formatting of each Section is identical. The time appears in the leftmost column. The time of trigger is flanked by 'M' or 'A' (manual or auto trigger respectively), and set off with surrounding blank rows for emphasis. There are twelve analog points per page identified by their associated point I.D.s and an optional eight character mnemonic. Unreliable values are indicated with the caution flag (?). Subheadings group functionally related points. A sample of this report format is enclosed as Attachment 3.

Digital Archive System Report generation is initiated from the main control board through the use of a CRT based man-machine interface. The requestor inputs the starting time and date, and the ending time and date to initiate report generation. The report generated is sequential in time and is accurate to within 10 milli-seconds.

Changes of state for both set and reset events are recorded in individual columns. A sample report is provided as Attachment 4.

4. Provide information about the long-term data retention capability for post-trip review material.

RESPONSE:

Pursuant to the requirements of 10CFR50.73(a) a formal post-trip review for all reactor trip and safety injection events will be performed. The data and information used during a post-trip review will be retained in hard copy for the duration of the station operating license per the requirements of Technical Specification 6.10.3(e).

Attachment 1

ANALOG PARAMETERS (TIME HISTORY RECORDER)

A0143	504	2	2	23	CO	CO-P-27A/B/C DISCH PDR PRESS
A0144	158	1	2	29	CO	COND STG TK-25 LVL
A0300	33	1	1	32	RC	RC LP 1 FLOW
A0301	609	2	3	32	RC	RC LP 1 FLOW
A0302	365	2	1	12	RC	RC LP 1 FLOW
A0303	34	1	1	33	RC	RC LP 2 FLOW
A0304	610	2	3	33	RC	RC LP 2 FLOW
A0305	366	2	1	13	RC	RC LP 2 FLOW
A0306	23	1	1	22	RC	RC LP 3 FLOW
A0307	585	2	3	8	RC	RC LP 3 FLOW
A0308	367	2	1	14	RC	RC LP 3 FLOW
A0309	24	1	1	23	RC	RC LP 4 FLOW
A0310	586	2	3	9	RC	RC LP 4 FLOW
A0311	368	2	1	15	RC	RC LP 4 FLOW
A0312	2	1	1	1	RC	RC LP 1 DELTA TEMP
A0313	8	1	1	7	RC	RC LP 1 NARROW RNG COLD TEMP
A0314	9	1	1	8	RC	RC LP 1 OVPWR DELTA TEMP
A0315	20	1	1	19	RC	RC LP 1 OVTEMP DELTA TEMP
A0316	1	1	1	0	RC	RC LP 1 AVG TEMP
A0317	594	2	3	17	RC	RC LP 2 DELTA TEMP
A0318	601	2	3	24	RC	RC LP 2 NARROW RNG COLD TEMP
A0319	596	2	3	19	RC	RC LP 2 OVPWR DELTA TEMP
A0320	613	2	3	36	RC	RC LP 2 OVTEMP DELTA TEMP
A0321	593	2	3	16	RC	RC LP 2 AVG TEMP
A0322	361	2	1	8	RC	RC LP 3 DELTA TEMP
A0323	356	2	1	3	RC	RC LP 3 NARROW RNG COLD TEMP
A0324	353	2	1	0	RC	RC LP 3 OVPWR DELTA TEMP
A0325	357	2	1	4	RC	RC LP 3 OVTEMP DELTA TEMP
A0326	363	2	1	10	RC	RC LP 3 AVG TEMP
A0327	185	1	2	56	RC	RC LP 4 DELTA TEMP
A0328	181	1	2	52	RC	RC LP 4 NARROW RNG COLD TEMP
A0329	177	1	2	48	RC	RC LP 4 OVPWR DELTA TEMP
A0330	192	1	2	63	RC	RC LP 4 OVTEMP DELTA TEMP
A0331	191	1	2	62	RC	RC LP 4 AVG TEMP
A0332	35	1	1	34	RC	PRZR LVL
A0333	611	2	3	34	RC	PRZR LVL
A0334	376	2	1	23	RC	PRZR LVL
A0335	21	1	1	20	RC	PRZR PRESS
A0336	614	2	3	37	RC	PRZR PRESS
A0337	358	2	1	5	RC	PRZR PRESS
A0338	178	1	2	49	RC	PRZR PRESS
A0339	18	1	1	17	RC	RCLP1 WIDE RNG HOT LEG TEMP
A0340	19	1	1	18	RC	RCLP2 WIDE RNG HOT LEG TEMP
A0341	14	1	1	13	RC	RCLP3 WIDE RNG HOT LEG TEMP
A0342	7	1	1	6	RC	RCLP4 WIDE RNG HOT LEG TEMP
A0343	607	2	3	30	RC	RCLP1 WIDE RNG COLD LEG TEMP
A0344	591	2	3	14	RC	RCLP2 WIDE RNG COLD LEG TEMP

## Attachment 1

(continued)

A0345	618	2	3	41	RC	RCLP3 WIDE RNG COLD LEG TEMP
A0346	606	2	3	29	RC	RCLP4 WIDE RNG COLD LEG TEMP
A0347	44	1	1	43	RC	PRZR RLF TK-11 LVL
A0348	43	1	1	42	RC	PRZR RLF TK-11 PRESS
A0349	469	2	1	116	RC	RCLP1 WIDE RNG HOT LEG PRESS
A0350	170	1	2	41	RC	RCLP4 WIDE RNG HOT LEG PRESS
A0377	45	1	1	44	RC	PRZR SPRAY CTL 1 DEMAND
A0378	47	1	1	46	RC	PRZR SPRAY CTL 2 DEMAND
A0380	406	2	1	53	RC	RC LPS HIGHEST DELTA TEMP
A0381	413	2	1	60	RC	RC LPS HIGHEST AVG TEMP
A0383	416	2	1	63	RC	RC TAVG DEVIATION FROM TREF
A0500	179	1	2	50	SI	CONTN PRESS PT 1
A0501	369	2	1	16	SI	CONTN PRESS PT 2
A0502	619	2	3	42	SI	CONTN PRESS PT 3
A0600	405	2	1	52	CS	RC P-1D SEAL WTR FLOW
A0601	49	1	1	48	CS	RC P-1C SEAL WTR FLOW
A0602	385	2	1	32	CS	RC P-1B SEAL WTR FLOW
A0603	42	1	1	41	CS	RC P-1A SEAL WTR FLOW
A0618	386	2	1	33	CS	VCT PRESS
A0624	48	1	1	47	CS	VCT LVL
A0650	133	1	2	4	CS	CHARGING PMP 2A FLOW
A0651	631	2	3	54	CS	CHARGING PMP 2B FLOW
A0715	1802	9	1	9	FW	FW HTR E-26B FW OUTLET TEMP
A0717	1706	8	1	105	FW	FW HTR E-26A FW OUTLET TEMP
A0718	56	1	1	55	FW	SG E-11D FW INL 1 FLOW
A0719	55	1	1	54	FW	SG E-11D STM OUTL 1 FLOW
A0720	28	1	1	27	FW	SG E-11D STM OUTL 1 PRESS
A0721	402	2	1	49	FW	SG E-11D FW INL 2 FLOW
A0722	412	2	1	59	FW	SG E-11D STM OUTL 2 FLOW
A0723	590	2	3	13	FW	SG E-11D STM OUTL 2 PRESS
A0724	587	2	3	10	FW	SG E-11D NARROW RNG 2 LVL
A0725	360	2	1	7	FW	SG E-11D NARROW RNG 3 LVL
A0726	187	1	2	58	FW	SG E-11D NARROW RNG 4 LVL
A0727	184	1	2	55	FW	SG E-11D WIDE RNG LVL
A0728	62	1	1	61	FW	SG E-11A FW INL 1 FLOW
A0729	63	1	1	62	FW	SG E-11A STM OUTL 1 FLOW
A0730	11	1	1	10	FW	SG E-11A STM OUTL 2 PRESS
A0731	371	2	1	18	FW	SG E-11A FW INL 2 FLOW
A0732	372	2	1	19	FW	SG E-11A STM OUTL 2 FLOW
A0733	598	2	3	21	FW	SG E-11A STM OUTL 2 PRESS
A0734	592	2	3	15	FW	SG E-11A NARROW RNG 2 LVL
A0735	362	2	1	9	FW	SG E-11A NARROW RNG 3 LVL
A0736	186	1	2	57	FW	SG E-11A NARROW RNG 1 LVL
A0737	29	1	1	28	FW	SG E-11A WIDE RNG LVL
A0738	64	1	1	63	FW	SG E-11B FW INL 1 FLOW
A0739	569	2	2	88	FW	SG E-11B STM OUTL 1 FLOW
A0740	12	1	1	11	FW	SG E-11B STM OUTL 2 PRESS
A0741	570	2	2	89	FW	SG E-11B FW INL 2 FLOW

Attachment 1

(continued)

A0742	61	1	1	60	FW	SG E-11B STM OUTL 2 FLOW
A0743	588	2	3	11	FW	SG E-11B STM OUTL 2 PRESS
A0744	25	1	1	24	FW	SG E-11B NARROW RNG 1 LVL
A0745	364	2	1	11	FW	SG E-11B NARROW RNG 3 LVL
A0746	190	1	2	61	FW	SG E-11B NARROW RNG 1 LVL
A0747	602	2	3	25	FW	SG E-11B WIDE RNG LVL
A0748	52	1	1	51	FW	SG E-11C FW INL 1 FLOW
A0749	54	1	1	53	FW	SG E-11C STM OUTL 1 FLOW
A0750	26	1	1	25	FW	SG E-11C STM OUTL 1 PRESS
A0751	571	2	2	90	FW	SG E-11C FW INL 2 FLOW
A0752	568	2	2	87	FW	SG E-11C STM OUTL 2 FLOW
A0753	600	2	3	23	FW	SG E-11C STM OUTL 2 PRESS
A0754	5	1	1	4	FW	SG E-11C NARROW RNG 1 LVL
A0755	359	2	1	6	FW	SG E-11C NARROW RNG 3 LVL
A0756	180	1	2	51	FW	SG E-11C NARROW RNG 4 LVL
A0757	370	2	1	17	FW	SG E-11C WIDE RNG LVL
A0795	673	3	1	0	FW	SG E-11A EMERG FW HDR FLOW
A0796	737	4	1	0	FW	SG E-11B EMERG FW HDR FLOW
A0797	674	3	1	1	FW	SG E-11C EMERG FW HDR FLOW
A0798	738	4	1	1	FW	SG E-11D EMERG FW HDR FLOW
A0920	506	2	2	25	CBS	SPRAY ADD TK-13 LVL
A0921	500	2	2	19	CBS	RWST TK-8 LVL
A0975	111	1	1	110	IA	AIR DRYER A&B OUTL HDR PRESS
A0976	509	2	2	28	IA	AIR DRYER C&D OUTL HDR PRESS
A0977	144	1	2	15	IA	CONTN IA HDR A PRESS
A0978	507	2	2	26	IA	CONTN IA HDR B PRESS
A1000	256	1	3	31	NI	SR DET 1 LOG PWR
A1001	544	2	2	63	NI	SR DET 2 LOG PWR
A1002	255	1	3	30	NI	IR DET 1 LOG PWR
A1003	543	2	2	62	NI	IR DET 2 LOG PWR
A1012	250	1	3	25	NI	PR CHAN 1 PWR
A1013	538	2	2	57	NI	PR CHAN 2 PWR
A1014	249	1	3	24	NI	PR CHAN 3 PWR
A1015	537	2	2	56	NI	PR CHAN 4 PWR
A1019	694	3	1	21	NI	TRN A IR NEUTRON FLUX
A1020	695	3	1	22	NI	TRN A SR NEUTRON FLUX
A1022	746	4	1	9	NI	TRN B IR NEUTRON FLUX
A1023	747	4	1	10	NI	TRN B SR NEUTRON FLUX
A1100	149	1	2	20	AR	COND E-27A VAC
A1101	521	2	2	40	AR	COND E-27B VAC
A1102	150	1	2	21	AR	COND E-27C VAC
A1816	681	3	1	8	ED	VITAL INSTRUMENT BUS 1A VOLT
A1817	793	4	1	56	ED	VITAL INSTRUMENT BUS 1B VOLT
A1818	682	3	1	9	ED	VITAL INSTRUMENT BUS 1C VOLT
A1819	794	4	1	57	ED	VITAL INSTRUMENT BUS 1D VOLT
A1820	683	3	1	10	ED	VITAL INSTRUMENT BUS 1E VOLT
A1821	795	4	1	58	ED	VITAL INSTRUMENT BUS 1F VOLT
A2052	332	1	3	107	EDE	125VDC BUS 11A VLTS

Attachment 1

(continued)

A2055	639	2	3	62	EDE	125VDC BUS 11B VLTS
A2058	557	2	2	76	EDE	125VDC BUS 11C VLTS
A2061	164	1	2	35	EDE	125VDC BUS 11D VLTS
A2250	322	1	3	97	ED	13.8KV BUS 1 VLTS
A2253	545	2	2	64	ED	13.8KV BUS 2 VLTS
A2300	323	1	3	98	ED	4.16KV BUS 3 VLTS
A2303	554	2	2	73	ED	4.16KV BUS 4 VLTS
A2306	470	2	1	117	EDE	4.16KV BUS E5 VLTS
A2309	171	1	2	42	EDE	4.16KV BUS E6 VLTS
A2661	348	1	3	123	SY	345KV LINE L1 VOLTS
A2669	565	2	2	84	SY	345KV LINE L2 VOLTS
A2677	351	1	3	126	SY	345KV LINE L3 VOLTS
A2712	689	3	1	16	EDE	DG1A GEN VLTS
A2732	752	4	1	15	EDE	DG1B GEN VLTS



Attachment 2

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OUTPUT OF PROGRAM: MESS36

DATE 2 25 1986

TIME 8 34 10

REV. 46.  
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POINT	DESCRIPTION	PRIOR	DST	REV.
B5448	TG DET 7 DRAIN TEMP HIGH	2	3	99.
B5448	TG DET 8 DRAIN TEMP HIGH	2	3	99.
B5473	TG DET 9 DRAIN TEMP HIGH	2	3	99.
B5474	TG DET 10 DRAIN TEMP HIGH	2	3	99.
B5580	TG DET 11 DRAIN TEMP HIGH	2	3	99.
B5581	TG DET 12 DRAIN TEMP HIGH	2	3	99.
B5582	TG THR BRG FRPL DRAIN TEMP HIGH	2	3	99.
B5583	TG THR BRG KAPL DRAIN TEMP HIGH	2	3	99.
B5592	RCP A MTR UP RADL BRG TEMP HI-HI	2	2	99.
B5593	RCP A MTR UP THR BRG TEMP HI-HI	2	2	99.
B5594	RCP A MTR STATOR WINDING TEMP HI-HI	2	2	99.
B5595	RCP A MTR LWR THR BRG TEMP HI-HI	2	2	99.
B5596	RCP B MTR LWR RADL BRG TEMP HI-HI	2	2	99.
B5597	RCP B MTR UP RADL BRG TEMP HI-HI	2	2	99.
B5598	RCP B MTR UP THR BRG TEMP HI-HI	2	2	99.
B5599	RCP B MTR STATOR WINDING TEMP HI-HI	2	2	99.
B5914	RCP B MTR LWR THR BRG TEMP HI-HI	2	2	99.
B5915	RCP C MTR LWR RADL BRG TEMP HI-HI	2	2	99.
B5916	RCP C MTR UP RADL BRG TEMP HI-HI	2	2	99.
B5917	RCP C MTR UP THR BRG TEMP HI-HI	2	2	99.
B5918	RCP C MTR STATOR WINDING TEMP HI-HI	2	2	99.
B5919	RCP C MTR LWR THR BRG TEMP HI-HI	2	2	99.
B5937	CRDM COOLING AIR TEMP HIGH	3	2	99.
B5938	CRDM COOLING AIR TEMP HIGH	3	2	99.
B5939	NC DRAIN TANK AREA H2 CONC HIGH	2	2	99.
B5940	RC DRAIN TANK AREA H2 CONC HIGH	2	2	99.
B5941	CONTR BLDG SUMP A AREA H2 CONC HIGH	2	2	99.
B5942	PTR RELIEF TK AREA H2 CONC HIGH	2	2	99.
B5943	EXCESS LTDN HX AREA H2 CONC HIGH	2	2	99.
B5944	EXCESS LTDN HX AREA H2 CONC HIGH	2	2	99.
B5945	EXCESS LTDN HX AREA H2 CONC HIGH	2	2	99.
B5946	EXCESS LTDN HX AREA H2 CONC HIGH	2	2	99.
B5947	CONTR VLV ROOM H2 CONC HIGH	2	2	99.
B5948	CONTR VLV ROOM H2 CONC HIGH	2	2	99.
B5949	CONTR VLV ROOM H2 CONC HIGH	2	2	99.
B5950	CONTR VLV ROOM H2 CONC HIGH	2	2	99.
B5951	REGEN HX ENCLOSURE H2 CONC HIGH	2	2	99.
B5952	REGEN HX ENCLOSURE H2 CONC HIGH	2	2	99.
B5953	REGEN HX ENCLOSURE H2 CONC HIGH	2	2	99.
B5954	REGEN HX ENCLOSURE H2 CONC HIGH	2	2	99.
B5955	MAIN STEAM SAMPLE POINT CONDY HIGH	3	3	99.
B5956	FW HTR 22 OUTLET SPECIFIC CONDY HIGH	3	3	99.
B5957	COND PUMP DISCH CONDUCTIVITY HIGH	3	3	99.
B5958	COLD PUMP DISCH DISSOLVED O2 HIGH	3	3	99.
B5959	COND PUMP DISCH PH HIGH	3	3	99.
B5960	FW HTR 22 OUTLET HYDRAZINE HIGH	3	3	99.
B5961	MAIN STEAM HEADER CONDUCTIVITY HIGH	3	3	99.
B5962	HTR DRAIN PMP DISCH CONDY HIGH	3	3	99.
B5963	FW HTR 26 OUTLET CONDUCTIVITY HIGH	3	3	99.
B5964	FW HTR 26 OUTLET DISSOLVED O2 HIGH	3	3	99.
B6709	THERM BARR HD TK LEVEL LOW	2	2	99.
B6709	THERM BARR HD TK LEVEL HIGH	2	2	99.
B6703	THERM BARR SUPPLY HDR TEMP HIGH	2	2	99.
B6704	CNT RM FAN DR MOISTURE HIGH	3	2	99.
B6705	FW HTR 26 OUTLET PH HIGH	3	3	99.

POINT	DESCRIPTION	PRIOR	DST	RFV.
B6756	FW HTR 26 OUTLET SILICA HIGH	3	3	99.
B6757	FW HTR 26 OUTLET HYDRAZINE HIGH	3	3	99.
B6758	CGS PUMP A MTR INRD BRG TEMP HIGH	2	1	99.
B6759	CGS PUMP A MTR BINDING TEMP HIGH	2	1	99.
B6760	CGS PUMP A MTR OTSD BRG TEMP HIGH	2	1	99.
B6761	CGS PUMP A INPD BRG TEMP HIGH	2	1	99.
B6762	CGS PUMP A OTSD BRG TEMP HIGH	2	1	99.
B6763	CGS PUMP B MTR INRD BRG TEMP HIGH	2	1	99.
B6764	CGS PUMP B MTR BINDING TEMP HIGH	2	1	99.
B6765	CGS PUMP B MTR OTSD BRG TEMP HIGH	2	1	99.
B6766	CGS PUMP B INPD BRG TEMP HIGH	2	1	99.
B6767	CGS PUMP B OTSD BRG TEMP HIGH	2	1	99.
B6768	CONTR SPRAY HX A OUTLET TEMP HIGH	2	1	99.
B6769	CGDM SPRAY HX B OUTLET TEMP HIGH	2	1	99.
B6770	PCCW PMP B MTR OTSD BRG TEMP HIGH	2	2	99.
B6771	PCCW PMP B MTR WDG TEMP HIGH	2	2	99.
B6772	FCCW PMP B MTR INED BRG TEMP HIGH	2	2	99.
B6773	FCCW PMP B MTR OTED BRG TEMP HIGH	2	2	99.
B6774	PCCW PMP B MTR WDG TEMP HIGH	2	2	99.
B6775	PCCW PMP C MTR INED BRG TEMP HIGH	2	2	99.
B6776	PCCW PMP C MTR OTED BRG TEMP HIGH	2	2	99.
B6777	PCCW PMP C MTR WDG TEMP HIGH	2	2	99.
B6778	PCCW PMP C MTR INPD BRG TEMP HIGH	2	2	99.
B6779	FCCW PMP A MTR OTED BRG TEMP HIGH	2	2	99.
B6780	PCCW PMP A MTR WDG TEMP HIGH	2	2	99.
B6781	FCCW PMP A MTR INED BRG TEMP HIGH	2	2	99.
B6782	COND PUMP A MTR INP BRG TEMP HIGH	2	3	99.
B6783	COND PUMP A MTR WDG TEMP HIGH	2	3	99.
B6784	COND PUMP A MTR UP BRG TEMP HIGH	2	3	99.
B6785	COND PUMP A MTR LWR BRG TEMP HIGH	2	3	99.
B6786	COND PUMP B MTR THR BRG TEMP HIGH	2	3	99.
B6787	COND PUMP B MTR WDG TEMP HIGH	2	3	99.
B6788	COND PUMP B MTR UP BRG TEMP HIGH	2	3	99.
B6789	COND PUMP B MTR LWR BRG TEMP HIGH	2	3	99.
B6790	COND PUMP C MTR THR BRG TEMP HIGH	2	3	99.
B6791	COND PUMP C MTR WDG TEMP HIGH	2	3	99.
B6792	COND PUMP C MTR UP BRG TEMP HIGH	2	3	99.
B6793	COND PUMP C MTR LWR BRG TEMP HIGH	2	3	99.
B6794	RECEN HX CHARGING OUTLET TEMP HIGH	2	2	99.
B6795	CHG PMP B MTR OTED BRG TEMP HIGH	2	2	99.
B6796	CHG PMP B MTR WDG TEMP HIGH	2	2	99.
B6797	CHG PMP B MTR INSD BEARING TEMP HIGH	2	2	99.
B6798	CHG PMP A MTR OTSD BRG TEMP HIGH	2	2	99.
B6799	CHG PMP A MTR WDG TEMP HIGH	2	2	99.
B6800	CHG PMP A MTR INSD BEARING TEMP HIGH	2	2	99.
B6801	CHG PMP DISCH HEADER PATSS LOW	2	2	99.
B6802	RCP A NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6803	RCP A NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6804	RCP B NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6805	RCP B NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6806	RCP C NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6807	RCP C NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6808	RCP D NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6809	RCP D NO-1 SEAL WTR OUTLET TEMP HIGH	3	2	99.
B6810	BTRS DEVPMS OUTLET HEADR TEMP HIGH	2	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
B6811	CW PMP A MTR THR BRG TEMP HIGH	2	3	99.
B6812	CW PMP A MTR WINDING TEMP HIGH	2	3	99.
B6813	CW PMP A MTR GUIDE BRG TEMP HIGH	2	3	99.
B6814	CW PMP B MTR THR BRG TEMP HIGH	2	3	99.
B6815	CW PMP B MTR WINDING TEMP HIGH	2	3	99.
B6816	CW PMP B MTR GUIDE BRG TEMP HIGH	2	3	99.
B6817	CW PMP C MTR THR BRG TEMP HIGH	2	3	99.
B6818	CW PMP C MTR WINDING TEMP HIGH	2	3	99.
B6819	CW PMP C MTR GUIDE BRG TEMP HIGH	2	3	99.
B6820	SU FEED PUMP BRG TEMP HIGH	2	3	99.
B6821	SU FEED PUMP MTR WDG TEMP HI	2	3	99.
B6822	MFP B THR BRG TEMP HIGH	2	3	99.
B6823	MFP B OTBD BRG TEMP HIGH	2	3	99.
B6824	MFP B INBD BRG TEMP HIGH	2	3	99.
B6825	MFP A THR BRG TEMP HIGH	2	3	99.
B6826	MFP A OTBD BRG TEMP HIGH	2	3	99.
B6827	MFP A INBD BRG TEMP HIGH	2	3	99.
B6828	EFW PMP A INBD BRG TEMP HIGH	2	3	99.
B6829	EFW PMP A OTBD BRG TEMP HIGH	2	3	99.
B6830	EFW PMP B MTR WINDING TEMP HIGH	2	3	99.
B6831	EFW PMP B MTR INBD BRG TEMP HIGH	2	3	99.
B6832	EFW PMP B MTR OTBD BRG TEMP HIGH	2	3	99.
B6833	EFW PMP B INBD BRG TEMP HIGH	2	3	99.
B6834	EFW PMP B OTBD BRG TEMP HIGH	2	3	99.
B6835	MFP A TURB HP JRNL BRG TEMP HIGH	2	3	99.
B6836	MFP A TURB LP JRNL BRG TEMP HIGH	2	3	99.
B6837	MFP A TURB OIL TO BRGS TEMP HIGH	3	3	99.
B6838	MFP A TURB ACTIVE THR BRG TEMP HIGH	2	3	99.
B6839	MFP A TURB INACTIVE THR BRG TEMP HI	2	3	99.
B6840	MFP A TURB LP BRG DRAIN TEMP HIGH	3	3	99.
B6841	MFP A TURB HP BRG DRAIN TEMP HIGH	3	3	99.
B6842	MFP A TURB THR BRG OIL TEMP HIGH	3	3	99.
B6843	MFP A TURB HP STOP VLV TEMP HIGH	3	3	99.
B6844	MFP B TURB HP JRNL BRG TEMP HIGH	2	3	99.
B6845	MFP B TURB LP JRNL BRG TEMP HIGH	2	3	99.
B6846	MFP B TURB OIL TO BRGS TEMP HIGH	3	3	99.
B6847	MFP B TURB ACTIVE THR BRG TEMP HIGH	2	3	99.
B6848	MFP B TURB INACTIVE THR BRG TEMP HI	2	3	99.
B6849	MFP B TURB LP BRG DRAIN TEMP HIGH	3	3	99.
B6850	MFP B TURB HP BRG DRAIN TEMP HIGH	3	3	99.
B6851	MFP B TURB THR BRG OIL TEMP HIGH	3	3	99.
B6852	MFP B TURB HP STOP VLV TEMP HIGH	3	3	99.
B6853	HTR DRN PMP A MTR WDG TEMP HIGH	2	3	99.
B6854	HTR DRN PMP A MTR THR BRG TEMP HI-HT	2	3	99.
B6855	HTR DRN PMP B MTR WDG TEMP HIGH	2	3	99.
B6856	HTR DRN PMP B MTR THR BRG TEMP HI-HI	2	3	99.
B6857	SG A OUTLET PRESSURE LOW	2	3	99.
B6858	SG B OUTLET PRESSURE LOW	2	3	99.
B6859	SG C OUTLET PRESSURE LOW	2	3	99.
B6860	SG D OUTLET PRESSURE LOW	2	3	99.
B6861	RC HOT LEG 1 WIDE BRG TEMP HIGH	3	2	99.
B6862	RC HOT LEG 2 WIDE BRG TEMP HIGH	3	2	99.
B6863	RC HOT LEG 3 WIDE BRG TEMP HIGH	3	2	99.
B6864	RC HOT LEG 4 WIDE BRG TEMP HIGH	3	2	99.
B6865	RC COLD LEG 1 WIDE BRG TEMP HIGH	3	2	99.

ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
86866	RC COLD LEG 2 WIDE RNO TEMP HIGH	3	2	99.
86867	RC COLD LEG 1 NARROW RNO TEMP HIGH	3	2	99.
86868	RC COLD LEG 3 NARROW RNO TEMP HIGH	3	2	99.
86869	RC COLD LEG 4 WIDE RNO TEMP HIGH	3	2	99.
86870	RC COLD LEG 5 NARROW RNO TEMP HIGH	3	2	99.
86871	RC COLD LEG 6 WIDE RNO TEMP HIGH	3	2	99.
86872	RC COLD LEG 7 NARROW RNO TEMP HIGH	3	2	99.
86873	RCP A MTR LWR RADL BRG TEMP HIGH	2	2	99.
86874	RCP A MTR UP THR BRG TEMP HIGH	2	2	99.
86875	RCP A MTR UP THR BRG TEMP HIGH	2	2	99.
86876	RCP A MTR STATOR WINDING TEMP HIGH	2	2	99.
86877	RCP A MTR LWR THR BRG TEMP HIGH	2	2	99.
86878	RCP B MTR LWR RADL BRG TEMP HIGH	2	2	99.
86879	RCP B MTR UP THR BRG TEMP HIGH	2	2	99.
86880	RCP B MTR STATOR WINDING TEMP HIGH	2	2	99.
86881	RCP B MTR LWR THR BRG TEMP HIGH	2	2	99.
86882	RCP C MTR LWR RADL BRG TEMP HIGH	2	2	99.
86883	RCP C MTR UP THR BRG TEMP HIGH	2	2	99.
86884	RCP C MTR STATOR WINDING TEMP HIGH	2	2	99.
86885	RCP C MTR LWR THR BRG TEMP HIGH	2	2	99.
86886	RCP D MTR LWR RADL BRG TEMP HIGH	2	2	99.
86887	RCP D MTR UP THR BRG TEMP HIGH	2	2	99.
86888	RCP D MTR STATOR WINDING TEMP HIGH	2	2	99.
86889	RCP D MTR LWR THR BRG TEMP HIGH	2	2	99.
86890	RC HOT LEG 1 WIDE RNO PRESS HIGH	3	2	99.
86891	RC HOT LEG 2 WIDE RNO PRESS HIGH	3	2	99.
86892	PSZR SPRAY FROM LOOP 5 TEMP LOW	2	2	35.
86893	PSZR SPRAY FROM LOOP 1 TEMP LOW	2	2	35.
86894	RHR PMP A MTR RADL BRG TEMP HIGH	2	2	99.
86895	RHR PMP A MTR WINDING TEMP HIGH	2	2	99.
86896	RHR TRN A SHUTDOWN COOLING FLOW LOW	0	5	99.
86897	RHR PMP B MTR WINDING TEMP HIGH	2	2	99.
86898	RHR PMP B MTR RADL BRG TEMP HIGH	2	2	99.
86899	RHR TRN B SHUTDOWN COOLING FLOW LOLO	0	5	99.
86900	SPENT FUEL PMP A THR BRG TEMP HIGH	2	2	99.
86901	SPENT FUEL PMP A RADL BRG TEMP HIGH	2	2	99.
86902	SPENT FUEL PMP B THR BRG TEMP HIGH	2	2	99.
86903	SPENT FUEL PMP B RADL BRG TEMP HIGH	2	2	99.
86904	SI PMP A MTR WINDING TEMP HIGH	2	1	99.
86905	RHR TRN A SHUTDOWN COOLING FLOW LOLO	0	5	99.
86906	RWST LVL AT TECH SPEC VALUE	2	1	99.
86907	RWST LVL APPROACHING TECH SPEC VALUE	2	1	99.
86908	RWST LEVEL HIGH	2	1	99.
86909	SAT LEVEL HIGH	2	1	99.
86910	SAT LEVEL LOW	2	1	99.
86911	FS DLOG EXH FAN 41 HUMIDITY HIGH	3	2	99.
86912	FS DLOG EXH FAN 74 HUMIDITY HIGH	3	2	99.
86913	CONTROL ROOM FAN 38 KOISTURE HIGH	3	2	99.
86914	RCP D MTR LWR RADL BRG TEMP HI-HI	2	2	95.
86915	RCP D MTR UP RADL BRG TEMP HI-HI	2	2	95.

ALARM MESSAGES FOR R. DIGITAL AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	RFV.
87662	CONTM RECIRC SUPP A LEVEL	3	1	99.
87663	CONTM RECIRC SUPP B LEVEL	3	1	99.
87664	RCP COOLERS TRAIN A PCCW FLOW LOW	0	5	99.
87665	RCP COOLERS TRAIN A PCCW FLOW LOW	0	5	99.
87666	RCP COOLERS TRAIN B PCCW FLOW LOW	0	5	99.
87667	RCP COOLERS TRAIN B PCCW FLOW LOW	0	5	99.
87669	SI PMP A MTR INED BRG TEMP HIGH	2	1	99.
87669	SI PMP A MTR OTED BRG TEMP HIGH	2	1	99.
87070	SI PMP B MTR INED BRG TEMP HIGH	2	1	99.
87671	SI PMP C MTR WINDING TLRP HIGH	2	1	99.
87072	SI PMP D MTR OTED BRG TEMP HIGH	2	1	99.
87073	CONTM WIDE RANGE PRESS HIGH	2	1	99.
87074	CONTM CHAN IV PRESS HIGH	0	5	99.
87690	RCP D MTR UP THR BRG TEMP HI-HI	2	2	99.
87091	RCP D MTR STATOR WINDING TEMP HI-HI	2	2	99.
87092	RCP D MTR LWR THR BRG TEMP HI-HI	2	2	99.
87693	P2R SPRAY FROM LOOP 3 TEMP HIGH	3	2	99.
87694	P2R SPRAY FROM LOOP 1 TEMP HIGH	3	2	99.
87695	MTR TRN E SHUTDOWN COOLING FLOW LOW	0	5	99.
87096	CLOGTR PMP A DISCH TEMP LOW	2	3	99.
87497	CLOGTR PMP B DISCH TEMP LOW	2	3	99.
87098	CONTM WIDE RANGE PRESS HIGH	2	1	99.
87699	SU FD PMP INRD BRG TEMP HIGH	2	3	99.
87625	CONTM ENCLOSURE EMER EXH FLOW LOW	3	2	99.
87626	CONTM ENCLOSURE EMER EXH FLOW HIGH	3	2	99.
87627	CONTM ENCLOSURE F-9 INLET HUMID HIGH	3	2	99.
87628	CONTM ENCLOSURE F-19 INLET HUMID HI	3	2	99.
87629	CONTM CHAN III PRESS HIGH	0	5	99.
87630	CONTM CHAN II PRESS HIGH	0	5	99.
87631	CLOGTR PMP A DISCH PRESS LOW	0	5	99.
87632	CLOGTR PMP A DISCH TEMP HIGH	2	3	99.
87633	CLOGTR PMP B DISCH PRESS LOW	0	5	99.
87634	CLOGTR PMP B DISCH TEMP HIGH	2	3	99.
87636	CLOGTR FAN A MTR WINDING TEMP HIGH	2	3	99.
87637	CLOGTR PMP A MTR WINDING TEMP HIGH	2	3	99.
87638	CLOGTR PMP A MTR UP BRG TEMP HIGH	2	3	99.
87639	CLOGTR PMP B MTR LWR BRG TEMP HIGH	2	3	99.
87640	CLOGTR PMP B MTR WINDING TEMP HIGH	2	3	99.
87641	CLOGTR PMP B MTR UP BRG TEMP HIGH	2	3	99.
87642	CLOGTR PMP B MTR LWR BRG TEMP HIGH	2	3	99.
87643	SW PMP A MTR WINDING TEMP HIGH	2	3	99.
87644	SW PMP A MTR UP BRG TEMP HIGH	2	3	99.
87645	SW PMP A MTR LWR BRG TEMP HIGH	2	3	99.
87646	SW PMP L MTR WINDING TEMP HIGH	2	3	99.
87647	SW PMP B MTR UP BRG TEMP HIGH	2	3	99.
87648	SW PMP B MTR LWR BRG TEMP HIGH	2	3	99.
87649	SW PMP C MTR WINDING TEMP HIGH	2	3	99.
87650	SW PMP C MTR UP BRG TEMP HIGH	2	3	99.
87651	SW PMP C MTR LWR BRG TEMP HIGH	2	3	99.
87652	SW PMP D MTR WINDING TEMP HIGH	2	3	99.
87653	SW PMP D MTR UP BRG TEMP HIGH	2	3	99.
87654	SW PMP D MTR LWR BRG TEMP HIGH	2	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04000	CW SCREEN A FOULED & CW PUMP A TRIP	2	3	99.
04001	CW SCREEN B FOULED & CW PUMP B TRIP	2	3	99.
04002	CW SCREEN C FOULED & CW PUMP C TRIP	2	3	99.
04003	CW PUMP A BREAKER TRIP & L/O	2	3	99.
04004	CW PUMP A BREAKER CLOSED	0	5	99.
04005	CW PUMP A LUBE WATER FLOW LOW	0	5	99.
04006	CW PUMP B BREAKER TRIP & L/O	2	3	99.
04007	CW PUMP B BREAKER CLOSED	0	5	99.
04008	CW PUMP B LUBE WATER FLOW LOW	0	5	99.
04009	CW PUMP C BREAKER TRIP & L/O	2	3	99.
04010	CW PUMP C BREAKER CLOSED	0	5	99.
04011	CW PUMP C LUBE WATER FLOW LOW	0	5	99.
04012	CW PUMP A DISCH NOT FULL OPEN	0	5	99.
04013	CW PUMP B DISCH NOT FULL OPEN	0	5	99.
04014	CW PUMP C DISCH NOT FULL OPEN	0	5	99.
04015	CW VAC BKR VLVS CS CLOSED	0	5	99.
04016	CW SCREEN A STALLED	2	3	99.
04018	CW SCREEN B STALLED	2	3	99.
04020	CW SCREEN C STALLED	2	3	99.
04020	CW VAC BKR VLV 05 FULL CLOSED	0	5	99.
04020	CW VAC BKR VLV 06 FULL CLOSED	0	5	99.
04024	CW VAC BKR VLV 07 FULL CLOSED	0	5	99.
04025	CW VAC BKR VLV 41 FULL CLOSED	0	5	99.
04026	CW VAC BKR VLV 42 FULL CLOSED	0	5	99.
04027	CW VAC BKR VLV 43 FULL CLOSED	0	5	99.
04028	UNIT 1 CW LUBE PUMP AUTO START	3	3	99.
04029	UNIT 2 CW LUBE PUMP AUTO START	3	3	99.
04030	CW-V1 INTK TO UNIT 1 FLUME FULL CLS	0	5	99.
04031	CW-V2 INTK TO UNIT 1 FLUME FULL CLS	0	5	99.
04032	CW-V38 UNIT 1 TO DISCH STRUCTURE CLS	0	5	99.
04033	CW-V39 UNIT 1 TO INTK TRAN STRU OPEN	0	5	99.
04034	CW-V40 UNIT 1 HT TRT FLUME SUP OPEN	0	5	99.
04035	CW-V66 INTK TO UNIT 2 FLUME FULL CLS	0	5	99.
04036	CW-V67 INTK TO UNIT 2 FLUME FULL CLS	0	5	99.
04037	CW-V68 UNIT 2 TO DISCH STRUCTURE CLS	0	5	99.
04038	CW-V69 UNIT 2 TO INTK TRAN STRU OPEN	0	5	99.
04039	CW-V70 UNIT 2 HT TRT FLUME SUP OPEN	0	5	99.
04047	CW PUMP A CS NORMAL AFTER START	0	5	99.
04048	CW PUMP B CS NORMAL AFTER START	0	5	99.
04049	CW PUMP C CS NORMAL AFTER START	0	5	99.
04050	HTR 23A EX CHK VLV 29 FULL CLOSED	3	3	99.
04051	HTR 23B EX CHK VLV 25 FULL CLOSED	3	3	99.
04052	HTR 23C EX CHK VLV 17 FULL CLOSED	3	3	99.
04053	HTR 24A EX CHK VLV 26 FULL CLOSED	3	3	99.
04054	HTR 24B EX CHK VLV 20 FULL CLOSED	3	3	99.
04055	HTR 24C EX CHK VLV 14 FULL CLOSED	3	3	99.
04056	HTR 26A EX CHK VLV 2 FULL CLOSED	3	3	99.
04057	HTR 26B EX CHK VLV 5 FULL CLOSED	3	3	99.
04058	HTR 25A EX CHK VLV 11 FULL CLOSED	3	3	99.
04059	HTR 25B EX CHK VLV 8 FULL CLOSED	3	3	99.
04060	HTR 28A EX MOV 1 FULL CLOSED	3	3	99.
04061	HTR 26R EX MOV 4 FULL CLOSED	3	3	99.
04062	HTR 23A EX MOV 08 FULL CLOSED	3	3	99.
04063	HTR 23B EX MOV 22 FULL CLOSED	3	3	99.
04064	HTR 23C EX MOV 16 FULL CLOSED	3	3	99.



ALARM MESSAGES FOR B. DIGITAL AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
04055	HTR 24A EX MOV 25 FULL CLOSED	3	3	99.
04056	HTR 24B EX MOV 19 FULL CLOSED	3	3	99.
04056	HTR 24C EX MOV 13 FULL CLOSED	3	3	99.
04058	HTR 24A EX MOV 1 FULL OPEN	0	5	99.
04058	HTR 24B EX MOV 4 FULL OPEN	0	5	99.
04058	HTR 24C EX MOV 28 FULL OPEN	0	5	99.
04071	HTR 23B EX MOV 12 FULL OPEN	0	5	99.
04072	HTR 23C EX MOV 16 FULL OPEN	0	5	99.
04072	HTR 24A EX MOV 29 FULL OPEN	0	5	99.
04074	HTR 24B EX MOV 19 FULL OPEN	0	5	99.
04075	HTR 24C EX MOV 13 FULL OPEN	0	5	99.
04076	MSIV CP-182 POWER SUPPLY FAILED	3	3	99.
04076	MSIV CP-182 DOOR OPEN	3	3	99.
04077	MSIV A OIL PRESSURE LOW	2	3	99.
04078	MSIV A GAS PRESSURE LOW	2	3	99.
04079	MSIV B OIL PRESSURE LOW	2	3	99.
04080	MSIV B GAS PRESSURE LOW	2	3	99.
04081	MSIV C OIL PRESSURE LOW	2	3	99.
04082	MSIV C GAS PRESSURE LOW	2	3	99.
04083	MSIV D OIL PRESSURE LOW	2	3	99.
04084	MSIV D GAS PRESSURE LOW	2	3	99.
04085	MSIV'S CS LOCAL AT CP-108B VLVS TRIP	2	3	99.
04087	MSIV CP-184 POWER SUPPLY FAILED	3	3	99.
04088	MSIV CP-184 DOOR OPEN	3	3	99.
04089	MSIV CP-183 POWER SUPPLY FAILED	3	3	99.
04090	RHR PUMP A CS NAS	0	5	99.
04091	RHR PUMP B CS NAS	0	5	99.
04094	RHR LEAKOFF TEST 150 V-49 OPEN	0	5	99.
04095	RHR LEAKOFF TEST 150 V-27 OPEN	0	5	99.
04096	RHR LEAKOFF TEST 150 V-28 OPEN	0	5	99.
04097	RHR PUMP A FLOW LO-LO	0	5	99.
04098	RHR PUMP B FLOW LO-LO	0	5	99.
04100	CONDENSER C HOTWELL LEVEL HIGH	2	3	99.
04100	CONDENSER C HOTWELL LEVEL LOW	2	3	99.
04101	CONDENSER B HOTWELL LEVEL HIGH	2	3	99.
04102	CONDENSER B HOTWELL LEVEL LOW	2	3	99.
04103	CONDENSER A HOTWELL LEVEL HIGH	2	3	99.
04104	CONDENSER A HOTWELL LEVEL LOW	2	3	99.
04109	CONDENSATE HUR PRESSURE LOW	2	3	99.
04110	CONDENSATE PMP A BREAKER OPEN	0	5	99.
04107	CONDENSATE PMP A TRIP & L/O	2	3	99.
04106	CONDENSATE B BREAKER OPEN	0	5	99.
04109	CONDENSATE PMP B TRIP & L/O	2	3	99.
04110	CONDENSATE PMP C BREAKER OPEN	0	5	99.
04111	CONDENSATE PMP C TRIP & L/O	2	3	99.
04112	CONDENSATE PMP C TRIP & L/O	2	3	99.
04113	CONDENSER A CONDUCTIVITY HIGH	2	3	99.
04114	CONDENSER B CONDUCTIVITY HIGH	2	3	99.
04115	CONDENSER C CONDUCTIVITY HIGH	2	3	99.
04116	CONDENSATE CLEANING FILTERS DP HIGH	3	3	99.
04116	CONDENSATE STORAGE TANK LEVEL HIGH	3	3	99.
04126	CONDENSATE STORAGE TANK LEVEL LOW	2	3	99.
04121	CONDENSATE TRANSFER PUMP BKR OPEN	0	5	99.
04122	CONDENSATE STORAGE TANK TEMP LOW	3	3	99.
04123	COND TRANSFER PMP START SIG RECEIVED	0	5	99.
04124	EST HEATER INLET TEMP HIGH	3	3	99.

## ALARM MESSAGES FOR B. DIGITAL AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
04125	COND PMP A CS NORM AFTER START	0	5	99.
04126	COND PMP B CS NORM AFTER START	0	5	99.
04127	COND PMP C CS NORM AFTER START	0	5	99.
04128	FW HTR 21A COND INLET ISO V71 OPEN	0	5	99.
04129	FW HTR 22A COND OUTLET ISO V82 OPEN	0	5	99.
04130	FW HTR 21B COND INLET ISO V73 OPEN	0	5	99.
04131	FW HTR 22B COND OUTLET ISO V84 OPEN	0	5	99.
04132	FW HTR 21C COND INLET ISO V59 OPEN	0	5	99.
04133	FW HTR 22C COND OUTLET ISO V66 OPEN	0	5	99.
04134	FW HTR 21 & 22 COND BYPASS V75 OPEN	0	5	99.
04135	FW HTR 21A COND INLET ISO V71 CLSED	0	5	99.
04136	FW HTR 21B COND INLET ISO V73 CLS	0	5	99.
04137	FW HTR 22B COND OUTLET ISO V84 CLS	0	5	99.
04138	FW HTR 21C COND INLET ISO V59 CLS	0	5	99.
04139	FW HTR 22C COND OUTLET ISO V86 CLS	0	5	99.
04140	RY HEAD VENT FN-2681 DISABLED	2	2	99.
04141	PGPV PCV-456A DISABLED	2	2	99.
04142	PORV PCV-456B DISABLED	2	2	99.
04143	FW HEATER 21A LEVEL LOW	3	3	99.
04144	FW HEATER 21A LEVEL HIGH	3	3	99.
04145	FW HEATER 21A LEVEL HI-HI	2	3	99.
04146	FW HEATER 21B LEVEL LOW	3	3	99.
04147	FW HEATER 21B LEVEL HIGH	3	3	99.
04148	FW HEATER 21B LEVEL HI-HI	2	3	99.
04149	FW HEATER 21C LEVEL LOW	3	3	99.
04150	FW HEATER 21C LEVEL HIGH	3	3	99.
04151	FW HEATER 21C LEVEL HI-HI	2	3	99.
04152	FW HEATER 22A LEVEL LOW	3	3	99.
04153	FW HEATER 22A LEVEL HIGH	3	3	99.
04154	FW HEATER 22A LEVEL HI-HI	2	3	99.
04155	FW HEATER 22B LEVEL LOW	3	3	99.
04156	FW HEATER 22B LEVEL HIGH	3	3	99.
04157	FW HEATER 22B LEVEL HI-HI	2	3	99.
04158	FW HEATER 22C LEVEL LOW	3	3	99.
04159	FW HEATER 22C LEVEL HIGH	3	3	99.
04160	FW HEATER 22C LEVEL HI-HI	2	3	99.
04161	FW HEATER 23A LEVEL LOW	3	3	99.
04162	FW HEATER 23A LEVEL HIGH	3	3	99.
04163	FW HEATER 23A LEVEL HI-HI	2	3	99.
04164	FW HEATER 23B LEVEL LOW	3	3	99.
04165	FW HEATER 23B LEVEL HIGH	3	3	99.
04166	FW HEATER 23B LEVEL HI-HI	2	3	99.
04167	FW HEATER 23C LEVEL LOW	3	3	99.
04168	FW HEATER 23C LEVEL HIGH	3	3	99.
04169	FW HEATER 23C LEVEL HI-HI	2	3	99.
04170	FW HEATER 23A LEVEL LOW	3	3	99.
04171	FW HEATER 23A LEVEL HIGH	3	3	99.
04172	FW HEATER 23A LEVEL HI-HI	2	3	99.
04173	FW HEATER 23B LEVEL LOW	3	3	99.
04174	FW HEATER 23B LEVEL HIGH	3	3	99.
04175	FW HEATER 23B LEVEL HI-HI	2	3	99.
04176	FW HEATER 23C LEVEL LOW	3	3	99.
04177	FW HEATER 23C LEVEL HIGH	3	3	99.
04178	FW HEATER 23C LEVEL HI-HI	2	3	99.
04179	FW HEATER 24A LEVEL LOW	3	3	99.
04180	FW HEATER 24A LEVEL HIGH	3	3	99.
04181	FW HEATER 24A LEVEL HI-HI	2	3	99.
04182	FW HEATER 24B LEVEL LOW	3	3	99.
04183	FW HEATER 24B LEVEL HIGH	3	3	99.
04184	FW HEATER 24B LEVEL HI-HI	2	3	99.
04185	FW HEATER 24C LEVEL LOW	3	3	99.
04186	FW HEATER 24C LEVEL HIGH	3	3	99.
04187	FW HEATER 24C LEVEL HI-HI	2	3	99.
04188	FW HEATER 24A LEVEL LOW	3	3	99.
04189	FW HEATER 24A LEVEL HIGH	3	3	99.
04190	FW HEATER 24A LEVEL HI-HI	2	3	99.
04191	FW HEATER 24B LEVEL LOW	3	3	99.
04192	FW HEATER 24B LEVEL HIGH	3	3	99.
04193	FW HEATER 24B LEVEL HI-HI	2	3	99.
04194	FW HEATER 24C LEVEL LOW	3	3	99.
04195	FW HEATER 24C LEVEL HIGH	3	3	99.
04196	FW HEATER 24C LEVEL HI-HI	2	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04185	FW HEATER 24C LEVEL HI-HI	2	3	99.
04186	FW HEATER 25A LEVEL HIGH	3	3	99.
04187	FW HEATER 25A LEVEL HI-HI	2	3	99.
04188	FW HEATER 25B LEVEL HIGH	3	3	99.
04189	FW HEATER 25B LEVEL HI-HI	2	3	99.
04190	FW HEATER 26A LEVEL LOW	3	3	99.
04191	FW HEATER 26A LEVEL HIGH	3	3	99.
04192	FW HEATER 26A LEVEL HI-HI	2	3	99.
04193	FW HEATER 26B LEVEL LOW	3	3	99.
04194	FW HEATER 26B LEVEL HIGH	3	3	99.
04195	FW HEATER 26B LEVEL HI-HI	2	3	99.
04196	HEATER DRAIN TANK LEVEL LOW	3	3	99.
04197	HEATER DRAIN TANK LEVEL HIGH	3	3	99.
04198	HEATER DRAIN PMP A BREAKER OPEN	0	5	99.
04199	HTR DRAIN PMP A CS NORM AFTER START	0	5	99.
04200	HEATER DRAIN PMP B BREAKER OPEN	0	5	99.
04201	HTR DNAIN PMP B CS NORM AFTER START	0	5	99.
04202	HEATER DRAIN TANK LEVEL LO-LO	3	3	99.
04203	HTR DRAIN PMP A SEAL WTR FLOW LOW	3	3	99.
04204	HTR DRAIN PMP B SEAL WTR FLOW LOW	3	3	99.
04205	HTR DRAIN PMP A BKR TRIP & L/O	2	3	99.
04206	HTR DRAIN PMP B BKR TRIP & L/O	2	3	99.
04207	FW HEATER 22A SPILL VLV NOT FULL CLS	0	5	99.
04208	FW HEATER 22B SPILL VLV NOT FULL CLS	0	5	99.
04209	FW HEATER 22C SPILL VLV NOT FULL CLS	0	5	99.
04210	FW HEATER 23A SPILL VLV NOT FULL CLS	0	5	99.
04211	FW HEATER 23B SPILL VLV NOT FULL CLS	0	5	99.
04212	FW HEATER 23C SPILL VLV NOT FULL CLS	0	5	99.
04213	FW HEATER 24A SPILL VLV NOT FULL CLS	0	5	99.
04214	FW HEATER 24B SPILL VLV NOT FULL CLS	0	5	99.
04215	FW HEATER 24C SPILL VLV NOT FULL CLS	0	5	99.
04216	FW HEATER 21A SPILL VLV NOT FULL CLS	0	5	99.
04217	FW HEATER 21B SPILL VLV NOT FULL CLS	0	5	99.
04218	FW HEATER 21C SPILL VLV NOT FULL CLS	0	5	99.
04219	FW HEATER 26A SPILL VLV NOT FULL CLS	0	5	99.
04220	FW HEATER 26B SPILL VLV NOT FULL CLS	0	5	99.
04221	HEATER DRAIN TANK LEVEL HI-HI	2	3	99.
04222	CC-V122 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04223	CC-V121 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04224	CC-V175 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04225	CC-V168 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04226	CC-V257 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04227	CC-V358 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04228	CC-V257 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04229	CC-V176 PCCW CONTM ISO SS IN LOCAL	3	2	99.
04230	PCCW HEAD TANK A LEVEL LO-LO	0	5	99.
04231	PCCW HEAD TANK B LEVEL LO-LO	0	5	99.
04241	CC-V151 PCCW TO RHR HX A NOT OPEN	0	5	99.
04242	CC-V153 PCCW TO CHS HX A NOT OPEN	0	5	99.
04243	CC-V250 PCCW TO CHS HX B NOT OPEN	0	5	99.
04244	CC-V258 PCCW TO RHR HX B NOT OPEN	0	5	99.
04245	PCCW HX B OUT VLV AIR PRESS LOW	2	2	99.
04247	PCCW HX B BYP VLV AIR PRESS LOW	2	2	99.
04248	PCCW HX A OUT VLV AIR PRESS LOW	2	2	99.
04249	PCCW HX A BYP VLV AIR PRESS LOW	2	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04250	PCCW TRN A SUPPLY HDR PRESS LOW	2	2	99.
04251	PCCW TRN B SUPPLY HDR PRESS LOW	2	2	99.
04252	PCCW HEAD TANK A LEVEL HIGH	2	2	99.
04253	PCCW HEAD TANK A LEVEL LOW WPR ISOL	0	5	99.
04254	PCCW HEAD TANK B LEVEL HIGH	2	2	99.
04255	PCCW HEAD TANK B LEVEL LOW WPR ISOL	0	5	99.
04256	CNTRFGL CHG PMP A PCCW FLOW LOW	2	2	99.
04257	CNTRFGL CHG PMP B PCCW FLOW LOW	2	2	99.
04258	CONTM ENCL CLR A PCCW FLOW LOW	2	2	99.
04259	CONTM ENCL CLR B PCCW FLOW LOW	2	2	99.
04260	CONTM SPRAY PMP A PCCW FLOW LOW	0	5	99.
04261	CONTM SPRAY PMP B PCCW FLOW LOW	0	5	99.
04262	SI PUMP A PCCW FLOW LOW	0	5	99.
04263	SI PUMP B PCCW FLOW LOW	0	5	99.
04264	RHR PUMP A PCCW FLOW LOW	0	5	99.
04265	RHR PUMP B PCCW FLOW LOW	0	5	99.
04266	RCP A THERM BARRIER COOLING FLOW HI	2	2	99.
04267	RCP B THERM BARRIER COOLING FLOW HI	2	2	99.
04268	RCP C THERM BARRIER COOLING FLOW HI	2	2	99.
04269	RCP D THERM BARRIER COOLING FLOW HI	2	2	99.
04270	PCCW PUMP A SEL SWCH IN LOCAL	3	2	99.
04271	PCCW PUMP A BKR CLOSED	0	5	99.
04272	PCCW PUMP A BKR TRIP & L/O	2	2	99.
04273	PCCW PUMP B SEL SWCH IN LOCAL	3	2	99.
04274	PCCW PUMP B BKR CLOSED	0	5	99.
04275	PCCW PUMP B BKR TRIP & L/O	2	2	99.
04276	PCCW PUMP C SEL SWCH IN LOCAL	3	2	99.
04277	PCCW PUMP C BKR CLOSED	0	5	99.
04278	PCCW PUMP C BKR TRIP & L/O	2	2	99.
04279	PCCW PUMP D SEL SWCH IN LOCAL	3	2	99.
04280	PCCW PUMP D BKR CLOSED	0	5	99.
04281	PCCW PUMP D BKR TRIP & L/O	2	2	99.
04282	CHS HX A PCCW OUTLET FLOW LOW	0	5	99.
04283	RHR HX A PCCW OUTLET FLOW LOW	0	5	99.
04284	CHS HX B PCCW OUTLET FLOW LOW	0	5	99.
04285	RHR HX B PCCW OUTLET FLOW LOW	0	5	99.
04286	CHS HX B PCCW FLOW LOW	1	1	99.
04287	PCCW TRN B SUPPLY HDR TEMP HIGH	2	2	99.
04288	PCCW TRN B SUPPLY HDR TEMP LOW	2	2	99.
04289	PCCW HEAD TANK A LEVEL LO-LO	0	5	99.
04290	SPENT FUEL HX A PCCW FLOW LOW	2	2	99.
04291	PCCW TRN A SUPPLY HDR FLOW LOW	2	2	99.
04292	PCCW TRN A SUPPLY HDR TEMP HIGH	2	2	99.
04293	PCCW TRN A SUPPLY HDR TEMP LOW	2	2	99.
04294	PCCW HEAD TANK B LEVEL LO-LO	0	5	99.
04295	SPENT FUEL HX B PCCW FLOW LOW	2	2	99.
04296	PCCW PUMP A INOP	0	5	99.
04297	PCCW PUMP B INOP	0	5	99.
04298	PCCW PUMP C INOP	0	5	99.
04299	PCCW PUMP D INOP	0	5	99.
04300	RC LOOP 1 RTD BYPASS FLOW LOW	2	2	99.
04301	RC LOOP 2 RTD BYPASS FLOW LOW	2	2	99.
04302	RC LOOP 3 RTD BYPASS FLOW LOW	2	2	99.
04303	RC LOOP 4 RTD BYPASS FLOW LOW	2	2	99.
04304	RCP A UPPER OIL RESVR LEVEL LOW	3	2	99.

## ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

REV. NO. 46.

POINT	DESCRIPTION	PRIOR	DST	REV.
04305	RCP A UPPER OIL RESVR LFVEL HIGH	3	2	99.
04306	RCP A LOWER OIL RESVR LEVEL LOW	3	2	99.
04307	RCP A LOWER OIL RESVR LEVEL HIGH	3	2	99.
04308	RCP B UPPER OIL RESVR LEVEL LOW	3	2	99.
04309	RCP B UPPER OIL RESVR LEVEL HIGH	3	2	99.
04310	RCP B LOWER OIL RESVR LEVEL LOW	3	2	99.
04311	RCP B LOWER OIL RESVR LEVEL HIGH	3	2	99.
04312	RCP C UPPER OIL RESVR LEVEL LOW	3	2	99.
04313	RCP C UPPER OIL RESVR LEVEL HIGH	3	2	99.
04314	RCP C LOWER OIL RESVR LEVEL LOW	3	2	99.
04315	RCP C LOWER OIL RESVR LEVEL HIGH	3	2	99.
04316	PORV DISCHARGE TEMP HIGH	2	2	99.
04317	PZR SAFETY V-117 DISCH TEMP HIGH	2	2	99.
04318	PZR SAFETY V-116 DISCH TEMP HIGH	2	2	99.
04319	PZR SAFETY V-115 DISCH TEMP HIGH	2	2	99.
04320	RX VESSEL FLANGE LEAKOFF TEMP HIGH	3	2	99.
04321	PZR PRESS CONTROLLER OUTPUT HIGH	2	2	99.
04322	PZR PRESSURE LOW & DU HTRS ON	2	2	99.
04323	PZR PRESSURE HIGH	2	2	99.
04324	PZR PORV A LO PRESS AUTO OPEN BLOCKE	2	2	99.
04330	RCP A BKR OPEN	0	5	99.
04331	RCP A CS NAS	0	5	99.
04332	RCP B BKR OPEN	0	5	99.
04333	RCP B CS NAS	0	5	99.
04334	RCP C BKR OPEN	0	5	99.
04335	RCP C CS NAS	0	5	99.
04336	RCP D BKR OPEN	0	5	99.
04337	RCP D CS NAS	0	5	99.
04339	RCP A LIFT PUMP PRESS LOW	0	5	99.
04340	RCP B LIFT PUMP PRESS LOW	0	5	99.
04341	RCP C LIFT PUMP PRESS LOW	0	5	99.
04342	RCP D LIFT PUMP PRESS LOW	0	5	99.
04343	PZR HTRS GROUP A SS IN LOCAL	3	2	99.
04344	PZR HTRS GROUP A CS ON	0	5	99.
04345	PZR HTRS GROUP A DEENERGIZED	0	5	99.
04346	PZR HTRS GROUP B SS IN LOCAL	3	2	99.
04347	PZR HTRS GROUP B CS ON	0	5	99.
04348	PZR HTRS GROUP B DEENERGIZED	0	5	99.
04349	PZR HTRS CTL GROUP CS ON	0	5	99.
04350	PZR HTRS CTL GROUP DEENERGIZED	0	5	99.
04351	PZR HTRS GROUP C CS ON	0	5	99.
04352	PZR HTRS GROUP C DEENERGIZED	0	5	99.
04353	PZR HTRS GROUP D CS ON	0	5	99.
04354	PZR HTRS GROUP D DEENERGIZED	0	5	99.
04355	PZR HTRS GROUP E CS ON	0	5	99.
04356	PZR HTRS GROUP E DEENERGIZED	0	5	99.
04357	PZR HTRS GROUP F CS ON	0	5	99.
04358	PZR HTRS GROUP F DEENERGIZED	0	5	99.
04359	PZR HTRS GROUP G CS ON	0	5	99.
04360	PZR HTRS GROUP G DEENERGIZED	0	5	99.
04361	PZR HTRS GROUP H CS ON	0	5	99.
04362	PZR HTRS GROUP H DEENERGIZED	0	5	99.
04363	PZR PORV B LO PRESS AUTO OPEN BLOCKE	2	2	99.
04364	RC LOOP 1 OVERTEMP DT (RX TRIP)	0	5	99.
04365	RC LOOP 2 OVERTEMP DT (RX TRIP)	0	5	99.
04366	RC LOOP 3 OVERTEMP DT (RX TRIP)	0	5	99.
04367	RC LOOP 4 OVERTEMP DT (RX TRIP)	0	5	99.
04368	RC LOOP 1 OVERPOWER DT (RX TRIP)	0	5	99.
04369	RC LOOP 2 OVERPOWER DT (RX TRIP)	0	5	99.
04370	RC LOOP 3 OVERPOWER DT (RX TRIP)	0	5	99.
04371	RC LOOP 4 OVERPOWER DT (RX TRIP)	0	5	99.
04372	RC LOOP 1 CHAN I FLOW LOW	0	5	99.
04373	RC LOOP 1 CHAN II FLOW LOW	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04373	RC LOOP 1 CHAN III FLOW LOW	0	5	99.
04374	RC LOOP 2 CHAN I FLOW LOW	0	5	99.
04375	RC LOOP 2 CHAN II FLOW LOW	0	5	99.
04376	RC LOOP 2 CHAN III FLOW LOW	0	5	99.
04377	RC LOOP 3 CHAN I FLOW LOW	0	5	99.
04378	RC LOOP 3 CHAN II FLOW LOW	0	5	99.
04379	RC LOOP 3 CHAN III FLOW LOW	0	5	99.
04380	RC LOOP 4 CHAN I FLOW LOW	0	5	99.
04381	RC LOOP 4 CHAN II FLOW LOW	0	5	99.
04382	RC LOOP 4 CHAN III FLOW LOW	0	5	99.
04383	RCP A UV/UF IN TEST	3	2	99.
04384	RCP B UV/UF IN TEST	3	2	99.
04385	RCP C UV/UF IN TEST	3	2	99.
04386	RCP D UV/UF IN TEST	3	2	99.
04387	RC LOOP DTDT (TURB R/Z & ROD BLOCK)	2	2	99.
04388	RCP A LIFT PUMP RUNNING	0	5	99.
04391	RC LOOP DPDT (TURB R/Z & ROD BLOCK)	2	2	99.
04394	RCP B LIFT PUMP RUNNING	0	5	99.
04395	PZR CHAN I PRESSURE LOW (RX TRIP)	0	5	99.
04396	PZR CHAN II PRESSURE LOW (RX TRIP)	0	5	99.
04397	PZR CHAN III PRESSURE LOW (RX TRIP)	0	5	99.
04398	PZR CHAN IV PRESSURE LOW (RX TRIP)	0	5	99.
04399	PZR CHAN I PRESSURE LOW (SI)	0	5	99.
04400	PZR CHAN II PRESSURE LOW (SI)	0	5	99.
04401	PZR CHAN III PRESSURE LOW (SI)	0	5	99.
04402	PZR CHAN IV PRESSURE LOW (SI)	0	5	99.
04403	PZR PRESS & MS SI AVAILABLE CHAN I	0	5	99.
04404	PZR PRESS & MS SI AVAILABLE CHAN II	0	5	99.
04405	PZR PRESS & MS SI AVAILABLE CHAN III	0	5	99.
04406	PZR CHAN I PRESSURE HIGH (RX TRIP)	0	5	99.
04407	PZR CHAN II PRESSURE HIGH (RX TRIP)	0	5	99.
04408	PZR CHAN III PRESSURE HIGH (RX TRIP)	0	5	99.
04409	PZR CHAN IV PRESSURE HIGH (RX TRIP)	0	5	99.
04410	PZR CHAN I LEVEL HIGH (RX TRIP)	0	5	99.
04411	PZR CHAN II LEVEL HIGH (RX TRIP)	0	5	99.
04412	PZR CHAN III LEVEL HIGH (RX TRIP)	0	5	99.
04413	RC LOOP 1 TAVG DEVIATION	2	2	99.
04414	RC LOOP 2 TAVG DEVIATION	2	2	99.
04415	RC LOOP 3 TAVG DEVIATION	2	2	99.
04416	RC LOOP 4 TAVG DEVIATION	2	2	99.
04417	RC LOOP 1 DELTA T DEVIATION	2	2	99.
04418	RC LOOP 2 DELTA T DEVIATION	2	2	99.
04419	RC LOOP 3 DELTA T DEVIATION	2	2	99.
04420	RC LOOP 4 DELTA T DEVIATION	2	2	99.
04421	TAVG-TREF DEVIATION	2	2	99.
04422	AUCTIONEERED TAVG HIGH	2	2	99.
04423	RC LOOP 3 SAMPLE VLV ORC FULL CLOSED	0	5	99.
04424	RX HEAD VENT V-2881 FULL CLOSED	0	5	99.
04425	RX HEAD VENT V-323 NOT FULL CLOSED	3	2	99.
04426	RC LOOP 1 SAMPLE VLV ORC FULL OPEN	3	2	99.
04427	RC LOOP 3 SAMPLE VLV ORC FULL OPEN	3	2	99.
04428	LETDOWN ISOL VLV 459 DISABLED	3	2	99.
04429	L-TOP TRAIN B 100% FROM ACTUATION	2	2	99.
04430	L-TOP ARMED	3	2	99.
04431	L-TOP ARMED	3	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04434	L-TOP TRAIN A 100# FROM ACTUATION	2	2	99.
04435	PRESSURIZER LEVEL DEVIATION LOW	2	2	99.
04436	PZR LVL DEVIATION HIGH 2 BU HTRS ON	2	2	99.
04437	RCP D UPPER OIL RESVR LEVEL LOW	3	2	99.
04438	RCP D UPPER OIL RESVR LEVEL HIGH	3	2	99.
04439	RCP D LOWER OIL RESVR LEVEL LOW	3	2	99.
04440	RCP D LOWER OIL RESVR LEVEL HIGH	3	2	99.
04441	PRESSURIZER VAPOR TEMP HIGH	0	5	99.
04442	RCP A BKR TRIP & LOCK OUT	3	2	99.
04443	RCP B BKR TRIP & LOCK OUT	3	2	99.
04444	RCP C BKR TRIP & LOCK OUT	3	2	99.
04445	RCP D BKR TRIP & LOCK OUT	3	2	99.
04446	RHR LP 1 SUCT VLV 22 NOT FULL CLOSED	0	5	99.
04447	RHR LP 1 SUCT VLV 23 NOT FULL CLOSED	0	5	99.
04448	RHR LP 4 SUCT VLV 87 NOT FULL CLOSED	0	5	99.
04449	RHR LP 4 SUCT VLV 88 NOT FULL CLOSED	0	5	99.
04450	RX TRIP OTDT	1	2	99.
04451	RX TRIP OPDT	1	2	99.
04452	RX TRIP 2 LOOP LOSS OF FLOW	1	2	99.
04453	RX TRIP 1 LOOP LOSS OF FLOW	1	2	99.
04454	RX TRIP PRESSURIZER PRESSURE LOW	1	2	99.
04455	RX TRIP PRESSURIZER PRESSURE HIGH	1	2	99.
04456	RX TRIP PRESSURIZER LEVEL HIGH	1	2	99.
04457	PZR PRESS LO SI TRAIN A BLOCKED	0	5	99.
04458	PZR PRESS LO SI TRAIN B BLOCKED	0	5	99.
04459	SI ACTUATION PZR PRESS LOW	1	1	99.
04460	PRESSURIZER LEVEL HIGH	2	2	99.
04461	PZR LVL LOW & HTR INTERLOCK ACTUATED	2	2	99.
04462	RCP A VOLTAGE LOW	0	5	99.
04463	RCP B VOLTAGE LOW	0	5	99.
04464	RCP C VOLTAGE LOW	0	5	99.
04465	RCP D VOLTAGE LOW	0	5	99.
04466	RCP A FREQUENCY LOW	0	5	99.
04467	RCP B FREQUENCY LOW	0	5	99.
04468	RCP C FREQUENCY LOW	0	5	99.
04469	RCP D FREQUENCY LOW	0	5	99.
04470	RX TRIP RCP UV	1	2	99.
04471	RX TRIP RCP UF	1	2	99.
04472	PRESSURIZER RELIEF TANK PRESSURE HI	2	2	99.
04473	PRESSURIZER RELIEF TANK LEVEL HIGH	2	2	99.
04474	PRESSURIZER RELIEF TANK LEVEL LOW	2	2	99.
04475	PRESSURIZER RELIEF TANK TEMP HIGH	2	2	99.
04476	PZR SPRAY LOOP 1 INLET TEMP LOW	2	2	99.
04477	PZR SPRAY LOOP 3 INLET TEMP LOW	2	2	99.
04478	PRESSURIZER WATER TEMPERATURE HIGH	0	5	99.
04479	PRESSURIZER SURGE LINE TEMP LOW	3	2	99.
04480	RC LOOP 1 HOT LEG PRESS HIGH	0	5	99.
04481	RC LOOP 4 HOT LEG PRESS HIGH	0	5	99.
04482	PZR PORV A SEL SWCH IN LOCAL	3	2	99.
04483	PZR PORV B SEL SWCH IN LOCAL	3	2	99.
04484	PZR STM SAMP ISO RC-FV-2830 CLOSED	0	5	99.
04485	PZR STM SAMP ISO RC-FV-2840 CLOSED	0	5	99.
04486	PZR LTG SAMP ISO RC-FV-2831 CLOSED	0	5	99.
04487	RC LOOP 1 SAMP ISO RC-FV-2874 CLOSED	0	5	99.
04488	RC LOOP 1 SAMP ISO RC-FV-2832 CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04489	RC LOOP 3 SAMP ISO RC-FV-2833 CLOSED	0	5	99.
04490	PRT SAMP ISO RC-V2836 CLOSED	0	5	99.
04491	PRT SAMP ISO RC-V2837 CLOSED	0	5	99.
04492	REACTOR VESSEL LEVEL LOW	1	2	99.
04493	PORV BLOCK VLV RC-V122 FULL CLOSED	0	5	99.
04494	PORV BLOCK VLV RC-V124 FULL CLOSED	0	5	99.
04495	PRESSURIZER PORV A OPEN	2	2	99.
04496	PRESSURIZER PORV B OPEN	2	2	99.
04497	TAVG LO STOP TURB LOADING (C-16)	2	2	99.
04498	RCP C LIFT PUMP RUNNING	0	5	99.
04499	RCP D LIFT PUMP RUNNING	0	5	99.
04500	EHC ELECTRICAL MALFUNCTION	2	3	99.
04501	STD SPARE #2 UNDEFN	1	2	35.
04502	SI ACCUMULATOR A LEVEL LOW	0	5	99.
04503	SI ACCUMULATOR A LEVEL HIGH	0	5	99.
04504	SI ACCUMULATOR A PRESSURE HIGH	1	1	99.
04505	SI ACCUMULATOR A PRESSURE LOW	1	1	99.
04506	SI ACCUMULATOR A LEVEL HIGH	0	5	99.
04507	SI ACCUMULATOR A LEVEL LOW	0	5	99.
04508	STD SPARE #3 UNDEFN	1	2	35.
04509	STD SPARE #4 UNDEFN	1	2	35.
04510	SI ACCUMULATOR B LEVEL LOW	0	5	99.
04511	SI ACCUMULATOR B LEVEL HIGH	0	5	99.
04512	SI ACCUMULATOR B PRESSURE HIGH	1	1	99.
04513	SI ACCUMULATOR B PRESSURE LOW	1	1	99.
04514	SI ACCUMULATOR B LEVEL HIGH	0	5	99.
04515	SI ACCUMULATOR B LEVEL LOW	0	5	99.
04516	STD SPARE #5 UNDEFN	1	2	35.
04517	STD SPARE #6 UNDEFN	2	3	35.
04518	SI ACCUMULATOR C LEVEL LOW	0	5	99.
04519	SI ACCUMULATOR C LEVEL HIGH	0	5	99.
04520	SI ACCUMULATOR C PRESSURE HIGH	1	1	99.
04521	SI ACCUMULATOR C PRESSURE LOW	1	1	99.
04522	SI ACCUMULATOR C LEVEL HIGH	0	5	99.
04523	SI ACCUMULATOR C LEVEL LOW	0	5	99.
04524	STD SPARE #7 UNDEFN	2	3	35.
04525	STD SPARE #8 UNDEFN	2	3	35.
04526	SI ACCUMULATOR D LEVEL LOW	0	5	99.
04527	SI ACCUMULATOR D LEVEL HIGH	0	5	99.
04528	SI ACCUMULATOR D PRESSURE HIGH	1	1	99.
04529	SI ACCUMULATOR D PRESSURE LOW	1	1	99.
04530	SI ACCUMULATOR D LEVEL HIGH	0	5	99.
04531	SI ACCUMULATOR D LEVEL LOW	0	5	99.
04532	EDRON INJ SURGE TK TEMP HIGH	3	1	99.
04533	EDRON INJ SURGE TK TEMP LOW	2	1	99.
04534	EDRON INJ SURGE TK LEVEL HI-LO	0	5	99.
04535	EDRON INJ SURGE TK LEVEL HI-LO	0	5	99.
04536		0	0	99.
04537		0	0	99.
04538		0	0	99.
04539		0	0	99.
04540	SI PUMP A BKR OPEN	0	5	99.
04541	SI PUMP A BKR TRIP & LOCK OUT	1	2	99.
04542	SI PUMP B BKR OPEN	0	5	99.
04543	SI PUMP B BKR TRIP & LOCK OUT	1	2	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
04544	CONTM CHAN IV PRESS HIGH I	0	5	99.
04545	CONTM CHAN III PRESS HIGH I	0	5	99.
04546	CONTM CHAN II PRESS HIGH I	0	5	99.
04547	CONTM PRESS HIGH & RM STM ISO	1	2	99.
04548	SI HOT LEG TEST LINE ISO VLV CLOSED	0	5	99.
04550	CONTM PRESS HIGH I	1	1	99.
04551	SI MANUAL ACTUATION	0	5	99.
04552	SI MANUAL ACTUATION	0	5	99.
04553	CONTM CHAN IV PRESS HIGH (CPS & P)	0	5	99.
04556	SI CHC PMP TEST LINE ISO VLV CLOSED	0	5	99.
04557	SI COLD LEG TEST LINE ISO VLV CLOSED	0	5	99.
04558	SI HOT LEG TEST LINE ISO VLV CLOSED	0	5	99.
04559	CONTM PRESS CHAN IV IN TEST	3	1	99.
04560	CONTM PRESS CHAN III IN TEST	3	1	99.
04561	CONTM PRESS CHAN II IN TEST	3	1	99.
04562	CONTM PRESS CHAN I IN TEST	3	1	99.
04563	INLET VALVE TO RM-SKD-R2 CLOSED	0	5	45.G
04564	INLET VALVE TO RM-SKD-R1 CLOSED	0	5	45.G
04565	SI ACCUM A OUT VLV NOT FULL OPEN	2	1	99.
04566	SI ACCUM B OUT VLV NOT FULL OPEN	2	1	99.
04567	SI ACCUM C OUT VLV NOT FULL OPEN	2	1	99.
04568	SI ACCUM D OUT VLV NOT FULL OPEN	2	1	99.
04569	SI PUMP A INOP	0	5	99.
04570	SI PUMP B INOP	0	5	99.
04571	SI PMP RECIRC VLV NOT FULL OPEN	2	1	99.
04572	SI PMP A RECIRC VLV NOT FULL OPEN	2	1	99.
04573	SI PMP B RECIRC VLV NOT FULL OPEN	2	1	99.
04574	SI V114 NOT FULL OPEN	0	5	99.
04575	SI V 102 NOT FULL CLOSED	0	5	99.
04576	SI V 77 NOT FULL CLOSED	0	5	99.
04577	SI V 111 NOT FULL OPEN	0	5	99.
04578	SI V 112 NOT FULL OPEN	0	5	99.
04579	BIT RECIRC VLV V173 FULL CLOSED	0	5	99.
04580	BIT RECIRC VLV V174 FULL CLOSED	0	5	99.
04581	BIT RECIRC VLV V165 FULL CLOSED	0	5	99.
04582	BIT OUTLET VLV V138 NOT FULL CLOSED	0	5	99.
04583	BIT OUTLET VLV V139 NOT FULL CLOSED	0	5	99.
04584	SI ACCUM FILL VLV V157 FULL CLOSED	0	5	99.
04585	SI TEST LINE ISO VLV V62 CLOSED	0	5	99.
04587	SI TEST LINE ISO VLV V70 CLOSED	0	5	99.
04588	BIT RECIRC PMP A ENERGIZED	0	5	99.
04589	BIT RECIRC PMP B ENERGIZED	0	5	99.
04590	SI ACCUM A OUTLET VLV CS IN CLOSE	3	1	99.
04591	SI ACCUM B OUTLET VLV CS IN CLOSE	3	1	99.
04592	SI ACCUM C OUTLET VLV CS IN CLOSE	3	1	99.
04593	SI ACCUM D OUTLET VLV CS IN CLOSE	3	1	99.
04594	SI TRAIN A RESET	0	5	99.
04595	SI TRAIN B RESET	0	5	99.
04596	SI ACTUATION	1	1	99.
04597	SI PUMP A CS WAS	0	5	99.
04598	SI PUMP B CS WAS	0	5	99.
04600	RCP A NO.1 SEAL LEAKOFF FLOW HIGH	2	2	99.
04601	RCP B NO.1 SEAL LEAKOFF FLOW HIGH	2	2	99.
04602	RCP A NO.1 SEAL LEAKOFF FLOW LOW	2	2	99.
04603	RCP B NO.1 SEAL LEAKOFF FLOW LOW	2	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04604	RCP C NO.1 SEAL LEAKOFF FLOW HIGH	2	2	99.
04605	RCP D NO.1 SEAL LEAKOFF FLOW HIGH	2	2	99.
04606	RCP C NO.1 SEAL LEAKOFF FLOW LOW	2	2	99.
04607	RCP D NO.1 SEAL LEAKOFF FLOW LOW	2	2	99.
04610	RCP A STANDPIPE LEVEL HIGH	3	2	99.
04613	RCP A STANDPIPE LEVEL LOW	3	2	99.
04614	RCP B STANDPIPE LEVEL HIGH	3	2	99.
04615	RCP B STANDPIPE LEVEL LOW	3	2	99.
04616	RCP C STANDPIPE LEVEL HIGH	3	2	99.
04617	RCP C STANDPIPE LEVEL LOW	3	2	99.
04618	RCP D STANDPIPE LEVEL HIGH	3	2	99.
04619	RCP D STANDPIPE LEVEL LOW	3	2	99.
04620	SEAL INJECTION FILTER A P HIGH	2	2	99.
04621	SEAL INJECTION FILTER B P HIGH	2	2	99.
04622	LTDN LINE RELIEF VLV DISCH TEMP HIGH	3	2	99.
04623	LTDN MODERATING HX OUTLET TEMP HIGH	3	2	99.
04624	PDS DISP CHG PUMP SEAL TK LVL LOW	2	2	99.
04627	BTRS DEMIN INLET HDR TEMP HIGH	3	2	99.
04628	BTRS CHILLER SURGE TANK LVL LOW	3	2	99.
04629	BTRS CHILLER SURGE TANK LVL HIGH	3	2	99.
04630	VCT OUTLET LCV-112B SS IN LOCAL	3	2	99.
04631	VCT OUTLET LCV-112C SS IN LOCAL	3	2	99.
04632	EXCESS LTDN CTL V-175 SS IN DISABLE	3	2	99.
04634	BORIC ACID TANK A LEVEL HIGH	3	2	99.
04635	BORIC ACID TANK A LEVEL LOW	3	2	99.
04636	BORIC ACID TANK A LEVEL LO-LO	2	2	99.
04637	BORIC ACID TANK A EMPTY	2	2	99.
04638	CNTREFGL CHG PMP A FLOW LOW	0	5	99.
04639	CNTREFGL CHG PMP B FLOW LOW	0	5	99.
04640	PDP SUCTION HEATER TROUBLE	3	2	99.
04642	BORIC ACID TANK B LEVEL HIGH	3	2	99.
04643	BORIC ACID TANK B LEVEL LOW	3	2	99.
04644	BORIC ACID TANK B LEVEL LO-LO	2	2	99.
04645	BORIC ACID TANK B EMPTY	2	2	99.
04646	BORIC ACID BATCH TANK TEMP HIGH	3	2	99.
04647	BORIC ACID BATCH TANK LEVEL LOW	3	2	99.
04648	BORIC ACID TANK A TEMP HIGH	3	2	99.
04649	BORIC ACID TANK A TEMP LOW	3	2	99.
04650	BORIC ACID TANK B TEMP HIGH	3	2	99.
04651	BORIC ACID TANK B TEMP LOW	3	2	99.
04652	CNTREFGL CHG PUMP A BKR TRIP & L/O	1	2	99.
04653	CNTREFGL CHG PUMP A BKR CLOSED	0	5	99.
04654	CNTREFGL CHG PUMP A SS IN LOCAL	3	2	99.
04655	CNTREFGL CHG PUMP B BKR TRIP & L/O	1	2	99.
04656	CNTREFGL CHG PUMP B BKR CLOSED	0	5	99.
04657	CNTREFGL CHG PUMP B SS IN LOCAL	3	2	99.
04658	PDS DISP CHG PMP CS NAS	0	5	99.
04659	PDS DISP CHG PMP BKR OPEN	0	5	99.
04660	BA MAKEUP VLV-1100 TO CHG PMP OPEN	0	5	99.
04661	BA MAKEUP VLV-1110 TO VCT OPEN	0	5	99.
04663	BTRS CHILLER CONTROL SWITCH IN LOCAL	0	5	99.
04664	BTRS CHILLER TROUBLE	2	2	99.
04665	VCT LEVEL LOW (185)	2	2	99.
04666	VCT LEVEL HIGH	2	2	99.
04667	BORIC ACID PULSE F	0	0	31.

POINT	DESCRIPTION	PRIOR	DST	REV.
D4668	TOTAL RC MAKEUP PULSE F	0	0	31.
D4669	VCT LEVEL LOW (112)	2	2	99.
D4670	SORIC ACID BLEND DEVIATION HI-LO	2	2	99.
D4671	TOTAL MAKE UP FLOW DEVIATION HI-LO	2	2	99.
D4674	EXCESS LTGN HX OUTLET TEMP HIGH	2	2	99.
D4675	ROGEN HX LTGN OUTLET TEMP HIGH	2	2	99.
D4676	RCP A SEAL INJECTION FLOW LOW	2	2	99.
D4677	RCP B SEAL INJECTION FLOW LOW	2	2	99.
D4678	RCP C SEAL INJECTION FLOW LOW	2	2	99.
D4679	RCP D SEAL INJECTION FLOW LOW	2	2	99.
D4680	RCP A NO.2 SEAL LEAKOFF FLOW HIGH	2	2	99.
D4681	RCP B NO.2 SEAL LEAKOFF FLOW HIGH	2	2	99.
D4682	RCP C NO.2 SEAL LEAKOFF FLOW HIGH	2	2	99.
D4683	RCP D NO.2 SEAL LEAKOFF FLOW HIGH	2	2	99.
D4684	RCP A STANDPIPE LEVEL HI-HI	3	2	99.
D4685	RCP A STANDPIPE LEVEL LO-LO	3	2	99.
D4686	RCP B STANDPIPE LEVEL HI-HI	3	2	99.
D4687	RCP B STANDPIPE LEVEL LO-LO	3	2	99.
D4688	RCP C STANDPIPE LEVEL HI-HI	3	2	99.
D4689	RCP C STANDPIPE LEVEL LO-LO	3	2	99.
D4690	RCP D STANDPIPE LEVEL HI-HI	3	2	99.
D4691	RCP D STANDPIPE LEVEL LO-LO	3	2	99.
D4692	LTGN HX OUTLET TEMPERATURE HIGH	2	2	99.
D4693	LTGN HX OUTLET PRESSURE HIGH	2	2	99.
D4694	LTGN HX OUTLET FLOW HIGH	2	2	99.
D4695	LTGN HX TEMP HI & DEMIN BYPASS	2	2	99.
D4696	VCT PRESSURE HIGH	2	2	99.
D4697	VCT PRESSURE LOW	2	2	99.
D4698	VCT TEMP HIGH	2	2	99.
D4699	BTHS REHEAT HX TEMP HIGH & DEMIN BYP	2	2	99.
D4700	MFP B SUCTION HEADER FLOW LOW	2	3	99.
D4701	MFP A SUCTION HEADER FLOW LOW	2	3	99.
D4702	EFW PMP A SUCTION HEADER PRESS LOW	1	3	99.
D4703	EFW PMP B SUCTION HEADER PRESS LOW	1	3	99.
D4704	SG B STM FLOW/FEED FLOW MISMATCH	2	3	99.
D4705	EFW TO SG B TRN A ISO VLV IN LOCAL	2	3	99.
D4706	SG A STM FLOW/FEED FLOW MISMATCH	2	3	99.
D4707	EFW TO SG B TRN B ISO VLV IN LOCAL	2	3	99.
D4708	SG B STM FLOW/FEED FLOW MISMATCH	2	3	99.
D4709	EFW PUMP A TRN B STM SUPPLY VLV INOP	0	5	99.
D4710	SG C STM FLOW/FEED FLOW MISMATCH	2	3	99.
D4711	RS-V-128 CS AT CP-108B MISALIGNED	3	3	99.
D4714	MFP A EMER OIL PUMP RUNNING	2	3	99.
D4715	MFP B EMER OIL PUMP RUNNING	2	3	99.
D4716	MFP A TURBINE BEARING OIL PRESS LOW	2	3	99.
D4717	MFP B TURBINE BEARING OIL PRESS LOW	2	3	99.
D4718	MFP A PUMP BEARING OIL PRESS LOW	2	3	99.
D4719	MFP B PUMP BEARING OIL PRESS LOW	2	3	99.
D4720	MFP A TURBINE TRIP	2	3	99.
D4701	MFP B TURBINE TRIP	2	3	99.
D4722	MFP A CONTROL OIL PRESS LOW	2	3	99.
D4723	MFP B CONTROL OIL PRESS LOW	2	3	99.
D4724	MFP A THRUST BRG WEAR TRIP LOCKOUT	2	3	99.
D4725	MFP B THRUST BRG WEAR TRIP LOCKOUT	2	3	99.
D4726	MFP A ACTIVE THRUST BEARING WEAR	3	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04727	MFP B ACTIVE THRUST BEARING WEAR	3	3	99.
04728	MFP A INACTIVE THRUST BEARING WEAR	3	3	99.
04729	MFP B INACTIVE THRUST BEARING WEAR	3	3	99.
04730	MFP A OIL COOLER DISCH TEMP HIGH	2	3	99.
04731	MFP B OIL COOLER DISCH TEMP HIGH	2	3	99.
04732	MFP A THRUST BRG DRAIN TEMP HIGH	3	3	99.
04733	MFP B THRUST BRG DRAIN TEMP HIGH	3	3	99.
04734	MFP A LP END BRG DRAIN TEMP HIGH	3	3	99.
04735	MFP B LP END BRG DRAIN TEMP HIGH	3	3	99.
04736	MFP A HP END BRG DRAIN TEMP HIGH	3	3	99.
04737	MFP B HP END BRG DRAIN TEMP HIGH	3	3	99.
04738	MFP A SERVO VLV FILTER DP HIGH	3	3	99.
04739	MFP B SERVO VLV FILTER DP HIGH	3	3	99.
04740	MFP A TURB EXHAUST VACUUM LOW	3	3	99.
04741	MFP B TURB EXHAUST VACUUM LOW	3	3	99.
04742	MFP A TURB GOV CONT CAB PWR LOSS	3	3	99.
04743	MFP B TURB GOV CONT CAB PWR LOSS	3	3	99.
04744	MFP A TURB SPEED PICKUP FAILED	3	3	99.
04745	MFP B TURB SPEED PICKUP FAILED	3	3	99.
04746	MFP A LUBE OIL TANK LEVEL HIGH	3	3	99.
04747	MFP A LUBE OIL TANK LEVEL LOW	3	3	99.
04748	MFP B LUBE OIL TANK LEVEL HIGH	3	3	99.
04749	MFP B LUBE OIL TANK LEVEL LOW	3	3	99.
04750	START UP FEED PUMP TRIP	0	5	99.
04751	START UP FEED PUMP PRELUB PUMP START	2	3	99.
04752	SG A FW ISOL VALVE N2 PRESS LOW	2	3	99.
04753	SG B FW ISOL VALVE N2 PRESS LOW	2	3	99.
04754	SG C FW ISOL VALVE N2 PRESS LOW	2	3	99.
04755	SG D FW ISOL VALVE N2 PRESS LOW	2	3	99.
04757	EFW PUMP B SEL SWCH IN LOCAL	3	3	99.
04758	EFW PUMP B BKR OPEN	0	5	99.
04759	EFW PUMP B INOP	0	5	99.
04760	MFP A EMER OIL PMP OVERLOAD	2	3	99.
04761	MFP B EMER OIL PMP OVERLOAD	2	3	99.
04762	MFP A MAIN OIL PMP A OVERLOAD	2	3	99.
04763	MFP A MAIN OIL PMP B OVERLOAD	2	3	99.
04764	MFP B MAIN OIL PMP C OVERLOAD	2	3	99.
04765	MFP B MAIN OIL PMP D OVERLOAD	2	3	99.
04766	MFP A NPSH LOW	2	3	99.
04767	MFP A OVERSPEED TRIP	2	3	99.
04768	MFP B NPSH LOW	2	3	99.
04769	MFP B OVERSPEED TRIP	2	3	99.
04770	SG A LVL REF DEVIATION	2	3	99.
04771	SG B LVL REF DEVIATION	2	3	99.
04772	SG C LVL REF DEVIATION	2	3	99.
04773	SG D LVL REF DEVIATION	2	3	99.
04774	SG A CHAN II LEVEL HI-HI	0	5	99.
04775	SG A EFW ISO VLV NOT FULL OPEN	0	5	99.
04776	SG B EFW ISO VLV NOT FULL OPEN	0	5	99.
04777	SG B CHAN I LEVEL HI-HI	0	5	99.
04778	SG A EFW ISO VLV NOT FULL OPEN	0	5	99.
04779	SG B EFW ISO VLV NOT FULL OPEN	0	5	99.
04780	SG C CHAN I LEVEL HI-HI	0	5	99.
04781	SG C EFW ISO VLV NOT FULL OPEN	0	5	99.
04782	SG D EFW ISO VLV NOT FULL OPEN	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04783	SG D CHAN II LEVEL HI-HI	0	5	99.
04784	SG D EFW ISO VLV NOT FULL OPEN	0	5	99.
04785	SG D EFW ISO VLV NOT FULL OPEN	0	5	99.
04792	SW TRAIN A BYP/INOP	0	5	99.
04794	SG A CHAN IV STM PRESS LOW	0	5	99.
04795	SG B CHAN III STM PRESS LOW	0	5	99.
04796	SG C CHAN III STM PRESS LOW	0	5	99.
04797	SG D CHAN IV STM PRESS LOW	0	5	99.
04798	SG A CHAN II LEVEL LO-LO	0	5	99.
04799	SG A CHAN III LEVEL LO-LO	0	5	99.
04800	SG A CHAN IV LEVEL LO-LO	0	5	99.
04801	SG B CHAN I LEVEL LO-LO	0	5	99.
04802	SG B CHAN III LEVEL LO-LO	0	5	99.
04803	SG CHAN IV LEVEL LO-LO	0	5	99.
04804	SG C CHAN I LEVEL LO-LO	0	5	99.
04805	SG C CHAN III LEVEL LO-LO	0	5	99.
04806	SG C CHAN IV LEVEL LO-LO	0	5	99.
04807	SG D CHAN II LEVEL LO-LO	0	5	99.
04808	SG D CHAN III LEVEL LO-LO	0	5	99.
04809	SG D CHAN IV LEVEL LO-LO	0	5	99.
04810	SG A CHAN I STM PRESS LOW	0	5	99.
04811	SG A CHAN I STM PRESS RATE HIGH	0	5	99.
04812	SG B CHAN II STM PRESS LOW	0	5	99.
04813	THERM BARR HX A INLET VALVE CLOSED	3	2	99.
04814	THERM BARR HX A OUTLET VALVE CLOSED	3	2	99.
04815	THERM BARR HX B INLET VALVE CLOSED	3	2	99.
04816	SG A CHAN II STM PRESS LOW	0	5	99.
04817	THERM BARR HX B OUTLET VALVE CLOSED	3	2	99.
04820	SG C CHAN I STM PRESS LOW	0	5	99.
04821	SG C CHAN I STM PRESS RATE HIGH	0	5	99.
04822	SG B CHAN I STM PRESS RATE HIGH	0	5	99.
04823	SG D CHAN I STM PRESS RATE HIGH	0	5	99.
04824	SG A CHAN I LEVEL LO-LO	0	5	99.
04825	SG B CHAN II LEVEL LO-LO	0	5	99.
04826	SG C CHAN II LEVEL LO-LO	0	5	99.
04827	SG D CHAN I LEVEL LO-LO	0	5	99.
04828	SG B CHAN I STM PRESS LOW	0	5	99.
04829	SG C CHAN II STM PRESS LOW	0	5	99.
04830	SG D CHAN I STM PRESS LOW	0	5	99.
04831	SG D CHAN II STM PRESS LOW	0	5	99.
04832	RCP D NO. 1 SEAL DIFF PRESS LOW	2	2	99.
04833	RCP C NO. 1 SEAL DIFF PRESS LOW	2	2	99.
04834	RCP B NO. 1 SEAL DIFF PRESS LOW	2	2	99.
04835	RCP A NO. 1 SEAL DIFF PRESS LOW	2	2	99.
04836	SWR TRAIN B BYP/INOP	0	5	99.
04838	TURBINE PWR PH05A ABOVE P13	0	5	99.
04839	TURBINE PWR PD 505B ABOVE P13	0	5	99.
04842	FEEDWATER HEADER PRESSURE HIGH	2	3	99.
04843	EFW TO SG A TEN A ISOL VLV IN LOCAL	2	3	99.
04844	EFW TO SG A TEN B ISOL VLV IN LOCAL	2	3	99.
04845	START UP FLED PMP PWR FROM BUS 4	0	5	99.
04846	SU FD PMP BUS 5 TRIP & L/O	3	3	99.
04847	MIP A OIL FILTER DP HIGH	3	3	99.
04848	MIP B OIL FILTER DP HIGH	3	3	99.
04849	SU FD PMP BUS 4 TRIP & L/O	3	3	99.

ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
04651	CFW PUMP B TRIP & L/O	1	3	99.
04652	MFP A TURNING GEAR LOCK OUT	3	3	99.
04653	MFP B TURNING GEAR LOCK OUT	3	3	99.
04654	MFP A TRIP	2	3	99.
04655	MFP B TRIP	2	3	99.
04656	SU FD PMP PRELUFE FMP BKR CLOSED	0	5	99.
04657	SG A FW 150L VLV FULL CLOSED	0	5	99.
04658	SG B FW 150L VLV FULL OPEN	0	5	99.
04659	SG C FW 150L VLV FULL CLOSED	0	5	99.
04660	SG D FW 150L VLV FULL OPEN	0	5	99.
04661	SG E FW 150L VLV FULL CLOSED	0	5	99.
04662	SG F FW 150L VLV FULL OPEN	0	5	99.
04663	SG G FW 150L VLV FULL CLOSED	0	5	99.
04664	SG H FW 150L VLV FULL OPEN	0	5	99.
04665	RX TRIP SG A LVL LO-LO	1	2	99.
04666	RX TRIP SG B LVL LO-LO	1	2	99.
04667	RX TRIP SG C LVL LO-LO	1	2	99.
04668	RX TRIP SG D LVL LO-LO	1	2	99.
04669	SI & MSI SG A STM PRESS LOW	1	1	99.
04670	SI & MSI SG B STM PRESS LOW	1	1	99.
04671	SI & MSI SG C STM PRESS LOW	1	1	99.
04672	SI & MSI SG D STM PRESS LOW	1	1	99.
04673	SG PRESS RATE HIGH	1	1	99.
04674	SG PRESS LO SI TRN A BLOCKED	2	1	99.
04675	SG PRESS LO SI TRN B BLOCKED	2	1	99.
04676	SG A LEVEL LOW	2	3	99.
04677	SG B LEVEL	2	3	99.
04678	SG C LEVEL LOW	2	3	99.
04679	SG D LEVEL LOW	2	3	99.
04680	TURS TRIP & FWI SG A LEVEL HI-HI	1	2	99.
04681	TURS TRIP & FWI SG B LEVEL HI-HI	1	2	99.
04682	TURS TRIP & FWI SG C LEVEL HI-HI	1	2	99.
04683	TURS TRIP & FWI SG D LEVEL HI-HI	1	2	99.
04684	FW ISO & LO TAVG	1	1	99.
04685	CFW PUMP A TRN A STM SUPPLY VLV INOP	0	5	99.
04686	CFW PUMP B CS MAS	0	5	99.
04687	WET LAYUP PUMP RUNNING	0	5	99.
04688	CFW PUMP B DISCH VLV NOT FULL OPEN	0	5	99.
04689	CFW PUMP A DISCH VLV NOT FULL OPEN	0	5	99.
04690	SG A FEED REG VLV FULL CLOSED	0	5	99.
04691	SG B FEED REG VLV FULL CLOSED	0	5	99.
04692	SG C FEED REG VLV FULL CLOSED	0	5	99.
04693	SG D FEED REG VLV FULL CLOSED	0	5	99.
04694	EFW PMP A RECIRC VLV NOT FULL OPEN	0	5	99.
04695	EFW PMP B RECIRC VLV NOT FULL OPEN	0	5	99.
04696	SPRAY ADDITIVE TANK TEMP LOW	2	1	99.
04697	RWST DIKE LEVEL HIGH	2	1	99.
04698	RWST CHANNEL 1 EMPTY	0	5	99.
04699	RWST CHANNEL 2 EMPTY	0	5	99.
04700	RWST CHANNEL 3 EMPTY	0	5	99.
04701	RWST CHANNEL 4 EMPTY	0	5	99.
04702	RWST AREA AMBIENT TEMP LOW	3	1	99.
04703	RWST TEMP LOW	3	1	99.
04704	CS ACTUATION SIG	1	1	99.
04705	P SIGNAL CONTM PHASE B ISOLATION	1	1	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04916	CBS SIGNAL TRAIN A RESET	0	5	99.
04917	CBS SIGNAL TRAIN B RESET	0	5	99.
04918	CBS PMP A BKR OPEN	0	5	99.
04919	CBS PMP A TRIP & L/O	1	1	99.
04920	CBS PMP B BKR OPEN	0	5	99.
04921	CBS PMP B TRIP & L/O	1	1	99.
04922	CONTM SPRAY PMP A DISCH PRESS LOW	0	5	99.
04923	CONTM SPRAY PMP B DISCH PRESS LOW	0	5	99.
04924	ECCS & CBS RECIRC TRAIN A RESET	0	5	99.
04925	ECCS & CBS RECIRC TRAIN B RESET	0	5	99.
04926	CONTM SPRAY PMP A SUCT PRESS LOW	1	1	99.
04927	CONTM SPRAY PMP B SUCT PRESS LOW	1	1	99.
04928	CONTM SPRAY PMP A INOP	0	5	99.
04929	CONTM SPRAY PMP B INOP	0	5	99.
04930	SAT MANUAL ISOL VLV 44 NOT FULL OPEN	0	5	99.
04931	ECCS & CBS RECIRC INITIATED	1	1	99.
04932	CBS/VENT ISO/P SIG TRN A MAN INIT	0	5	99.
04933	CBS/VENT ISO/P SIG TRN B MAN INIT	0	5	99.
04934	TRN A P-SIGNAL RESET	0	5	99.
04935	TRN B P-SIGNAL RESET	0	5	99.
04936	CBS-VR NOT FULL CLOSED/LEAKAGE	0	5	99.
04937	CBS-V14 NOT FULL CLOSED/LEAKAGE	0	5	99.
04938	CBS TRN A RECIRC VLV-32 CLOSED	0	5	99.
04939	CBS TRN B RECIRC VLV-31 CLOSED	0	5	99.
04940	CBS COMBINED RECIRC VLV 33 CLOSED	0	5	99.
04941	CBS HEADER A ISOL VLV 11 OPEN	0	5	99.
04942	CBS HEADER B ISOL VLV 17 OPEN	0	5	99.
04943	CBS SAT TRN A DISCH VLV 38 OPEN	0	5	99.
04944	CBS SAT TRN B DISCH VLV 43 OPEN	0	5	99.
04945	RWST TO CBS & RHR ISOL VLV 2 CLOSED	1	1	99.
04946	RWST TO CRS & RHR ISOL VLV 5 CLOSED	1	1	99.
04947	CBS V13 NOT FULL OPEN	0	5	99.
04948	CBS V19 NOT FULL OPEN	0	5	99.
04949	CBS V15 NOT FULL OPEN	0	5	99.
04950	RHR PUMP A DISCH PRESS HIGH	2	1	99.
04951	RHR PUMP B DISCH PRESS HIGH	2	1	99.
04952	RHR PUMP A BKR CLOSED	0	5	99.
04953	RHR PUMP A BKR TRIP & L/O	1	1	99.
04954	RHR PUMP A SEL SWCH IN LOCAL	3	1	99.
04955	RHR PUMP B BKR CLOSED	0	5	99.
04956	RHR PUMP B BKR TRIP & L/O	1	1	99.
04957	RHR PUMP B SEL SWCH IN LOCAL	3	1	99.
04958	RHR PUMP A INOP	0	5	99.
04959	RHR PUMP B INOP	0	5	99.
04960	RH-V-14 NOT FULL OPEN	0	5	99.
04961	RH-V-22 NOT FULL OPEN	0	5	99.
04962	RH-V-26 NOT FULL OPEN	0	5	99.
04963	RH-V-21 NOT FULL OPEN	0	5	99.
04964	RH-V-32 NOT FULL CLOSED	0	5	99.
04965	RH-V-70 NOT FULL CLOSED	0	5	99.
04966	RH-V-35 NOT FULL CLOSED	0	5	99.
04967	RH-V-36 NOT FULL CLOSED	0	5	99.
04968	RHR SAMPLE ISO V16 OPEN	0	5	99.
04969	RHR SAMPLE ISO V17 OPEN	0	5	99.
04972	RHR TRN A TEMP CONTROL VLV FULL OPEN	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
04973	RHR TRN B TEMP CONTROL VLV FULL OPEN	0	5	99.
04974	CONTM AIR DRYER 2B HUMIDITY HIGH	3	3	99.
04975	AIR DRYER A AFTER FILTER DP HIGH	3	3	99.
04976	INST AIR HDR A PRESS LOW	2	3	99.
04977	AIR DRYER A DIFF PRESSURE HIGH	3	3	99.
04978	AIR DRYER A PREFILTER DP HIGH	3	3	99.
04979	AIR DRYER A TROUBLE	3	3	99.
04980	AIR DRYER B AFTER FILTER DP HIGH	3	3	99.
04981	INST AIR HDR B PRESS LOW	2	3	99.
04982	AIR DRYER B DIFF PRESSURE HIGH	3	3	99.
04983	AIR DRYER B PREFILTER DP HIGH	3	3	99.
04984	AIR DRYER B TROUBLE	3	3	99.
04985	CONTM INSTRUMENT AIR HDR A PRESS LOW	2	3	99.
04986	CONTM INSTRUMENT AIR HDR B PRESS LOW	2	3	99.
04987	CYPH INSTRUMENT AIR HDR PRESS LOW	3	3	99.
04988	CONTM AIR DRYER 2A HUMIDITY HIGH	3	3	99.
04991	RH CS-606 IN MODULATE	0	5	99.
04992	RH CS-607 IN MODULATE	0	5	99.
04993	RH CS-618 IN MODULATE	0	5	99.
04998	RH CS-619 IN MODULATE	0	5	99.
05000	PR 41 HI FLUX HI SETPOINT CHAN TRIP	0	5	99.
05001	PR 42 HI FLUX HI SETPOINT CHAN TRIP	0	5	99.
05002	PR 43 HI FLUX HI SETPOINT CHAN TRIP	0	5	99.
05003	PR 44 HI FLUX HI SETPOINT CHAN TRIP	0	5	99.
05004	PR 41 HI FLUX LO SETPOINT CHAN TRIP	0	5	99.
05005	PR 42 HI FLUX LO SETPOINT CHAN TRIP	0	5	99.
05006	PR 43 HI FLUX LO SETPOINT CHAN TRIP	0	5	99.
05007	PR 44 HI FLUX LO SETPOINT CHAN TRIP	0	5	99.
05008	PR 41 ABOVE P10	0	5	99.
05009	PR 42 ABOVE P10	0	5	99.
05010	PR 43 ABOVE P10	0	5	99.
05011	PR 44 ABOVE P10	0	5	99.
05012	IR 35 CHAN TRIP	0	5	99.
05013	IR 36 CHAN TRIP	0	5	99.
05014	PR 41 RATE CHAN TRIP	0	5	99.
05015	PR 42 RATE CHAN TRIP	0	5	99.
05016	PR 43 RATE CHAN TRIP	0	5	99.
05017	PR 44 RATE CHAN TRIP	0	5	99.
05018	SP 31 CHAN TRIP	0	5	99.
05019	SP 32 CHAN TRIP	0	5	99.
05020	IR 35 P6 PERMISSIVE	0	5	99.
05021	IR 36 P6 PERMISSIVE	0	5	99.
05022	RX TRIP PR HIGH FLUX HI SETPOINT	1	2	99.
05023	RX TRIP PR HIGH FLUX LOW SETPOINT	1	2	99.
05024	RX TRIP PR HIGH RATE	1	2	99.
05025	SR 31 TRIP BLOCKED & HV OFF	3	2	99.
05026	SR 32 TRIP BLOCKED & HV OFF	3	2	99.
05027	RX TRIP SP HIGH FLUX	1	2	99.
05028	IR HIGH FLUX TRIP BLOCKED	3	2	99.
05029	IR HIGH FLUX TRIP BLOCKED	3	2	99.
05030	RX TRIP IR HIGH FLUX	1	2	99.
05031	PR HIGH FLUX LOW SETPOINT TRIP BLOCK	3	2	99.
05032	PR HIGH FLUX LOW SETPOINT TRIP BLOCK	3	2	99.
05033	PR 41 ABOVE P6	0	5	99.
05034	PR 42 ABOVE P6	0	5	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
05035	PF 43 ABOVE PH	0	5	99.
05036	FR 44 ABOVE PH	0	5	99.
05037	IR 36 HIGH VOLTAGE LOST	2	2	99.
05038	SR 32 HIGH VOLTAGE LOST	2	2	99.
05039	IR 35 HIGH VOLTAGE LOST	2	2	99.
05040	IR 35 COMPENSATING VOLTAGE LOST	2	2	99.
05041	IF 36 COMPENSATING VOLTAGE LOST	2	2	99.
05042	ROD STOP IR HIGH FLUX C1	2	2	99.
05043	ROD STOP FR HIGH FLUX C2	2	2	99.
05044	POWER BELOW P7 TRIPS BLOCKED	3	2	99.
05045	SR HIGH FLUX AT SHUTDOWN	1	2	99.
05046	SR HIGH FLUX AT SHUTDOWN BLOCKED	3	2	99.
05047	SR 31 HIGH VOLTAGE LOST	2	2	99.
05048	PR 41 IN TEST	3	2	99.
05050	SA COMP A OUTLET AIR TEMP HIGH	3	3	99.
05051	SA COMP A LUBE OIL PRESS LOW	0	5	99.
05052	SA COMP B OUTLET AIR TEMP HIGH	3	3	99.
05053	SA COMP B LUBE OIL PRESS LOW	0	5	99.
05054	SA COMP C OUTLET AIR TEMP HIGH	3	3	99.
05055	SA COMP C LUBE OIL PRESS LOW	0	5	99.
05056	SERVICE AIR HEADER PRESSURE LOW	3	3	99.
05057	CONTM AIR COMP B OIL PRESS LOW	0	5	99.
05058	CONTM AIR COMP A OIL PRESS LOW	0	5	99.
05059	SA COMP A BKR CLOSED	0	5	99.
05060	SA COMP A SS IN LOCAL	3	3	99.
05061	SA COMP A TRIP	2	3	99.
05062	SA COMP B BKR CLOSED	0	5	99.
05063	SA COMP E SS IN LOCAL	3	3	99.
05064	SA COMP B TRIP	2	3	99.
05065	SA COMP C BKR CLOSED	0	5	99.
05066	SA COMP C TRIP	2	3	99.
05067	CONTM AIR COMP A BKR CLOSED	0	5	99.
05068	CONTM AIR COMP A TRIP	2	3	99.
05069	CONTM AIR COMP B BKR CLOSED	0	5	99.
05070	CONTM AIR COMP B TRIP	2	3	99.
05071	SERV AIR ISO V-92 NOT FULL OPEN	3	3	99.
05072	SERV AIR ISO V-93 NOT FULL OPEN	3	3	99.
05073	PAB SUPPLY AIR PRESSURE LOW	3	2	99.
05074	PAB SUPPLY AIR PRESSURE HIGH	3	2	99.
05077	PAB EXHAUST AIR PRESSURE LOW	3	2	99.
05078	PAB EXHAUST AIR PRESSURE HIGH	3	2	99.
05079	PCCW PUMP AREA TEMPERATURE HIGH	3	2	99.
05080	PCCW PUMP AREA TEMPERATURE LOW	3	2	99.
05081	PAB FILTER ROOM ELEV 81* TEMP HIGH	3	2	99.
05082	BORIC ACID TANK AREA TEMP LOW	3	2	99.
05083	CONTM ENCL VENTL FLOW LESS THAN 50%	3	2	99.
05084	CONTM ENCL INBD VENTL DAMPER CLOSED	0	5	99.
05085	PAB EXH FAN-A CS NAS	0	5	99.
05086	PAB EXH FAN-A BKR OPEN	0	5	99.
05087	PAB EXH FAN-B CS NAS	0	5	99.
05088	PAB EXH FAN-B BKR OPEN	0	5	99.
05089	PAB CLEAN UP FAN TEMPERATURE HIGH	3	2	99.
05090	PAB CLEAN UP FAN OP HIGH	3	2	99.
05091	CONTM ENCL OTSD VENTL DAMPER CLOSED	0	5	99.
05092	PR 41 HIGH VOLTAGE LOST	2	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
05097	PR COMPARATOR DEVIATION	2	2	99.
05100	MAIN CONDENSER C VACUUM LOW	2	3	99.
05101	MAIN CONDENSER B VACUUM LOW	2	3	99.
05102	MAIN CONDENSER A VACUUM LOW	2	3	99.
05103	CONDNSR WTR BOX EVAC ISO V86 CLOSED	3	3	99.
05104	CONDNSR WTR BOX VACUUM LOW	3	3	99.
05105	MECH VAC PMP A CS NAS	0	5	99.
05106	MECH VAC PMP A BKR CLOSED	0	5	99.
05107	MECH VAC PMP B CS NAS	0	5	99.
05108	MECH VAC PMP B BKR CLOSED	0	5	99.
05109	MECH VAC PMP C CS NAS	0	5	99.
05110	MECH VAC PMP C BKR CLOSED	0	5	99.
05112	MECH VAC PMP A CS IN AUTO	0	5	99.
05114	MECH VAC PMP B CS IN AUTO	0	5	99.
05116	MECH VAC PMP C CS IN AUTO	0	5	99.
05120	CONTM CLG FAN A SS IN LOCAL	3	2	99.
05121	CONTM CLG FAN B SS IN LOCAL	3	2	99.
05122	CONTM CLG FAN C SS IN LOCAL	3	2	99.
05123	CONTM CLG FAN D SS IN LOCAL	3	2	99.
05124	CONTM CLG FAN E SS IN LOCAL	3	2	99.
05125	CONTM CLG FAN A CS NORM AFTER START	0	5	99.
05126	CONTM CLG FAN A BKR OPEN	0	5	99.
05127	CONTM CLG FAN B CS NORM AFTER START	0	5	99.
05128	CONTM CLG FAN B BKR OPEN	0	5	99.
05129	CONTM CLG FAN C CS NORM AFTER START	0	5	99.
05130	CONTM CLG FAN C BKR OPEN	0	5	99.
05131	CONTM CLG FAN D CS NORM AFTER START	0	5	99.
05132	CONTM CLG FAN D BKR OPEN	0	5	99.
05133	CONTM CLG FAN E CS NORM AFTER START	0	5	99.
05134	CONTM CLG FAN E BKR OPEN	0	5	99.
05135	CONTM CLG FAN F CS NORM AFTER START	0	5	99.
05136	CONTM CLG FAN F BKR OPEN	0	5	99.
05137	CONTM CLG FAN F SS IN LOCAL	3	2	99.
05138	CRDM CLG FAN A BKR CLOSED	0	5	99.
05139	CRDM CLG FAN B BKR CLOSED	0	5	99.
05140	CRDM CLG FAN C BKR CLOSED	0	5	99.
05141	CRDM CLG FAN D BKR CLOSED	0	5	99.
05142	CONTM AIR CLEANING DAMP 34A FULL CLS	0	5	99.
05143	CONTM AIR CLEANING FILTER DP HIGH	3	2	99.
05144	CONTM AIR CLEANING FILTER TEMP HIGH	3	2	99.
05145	CONTM AIR CLEANING FAN 3A BKR CLOSED	0	5	99.
05146	CONTM AIR CLEANING FAN 3B BKR CLOSED	0	5	99.
05147	CONTM AIR CLEANING DAMP 34B FULL CLS	0	5	99.
05148	CONTM AIR CLEANING DAMP 34C OPEN	0	5	99.
05149	CONTM AIR CLEANING DAMP 34D OPEN	0	5	99.
05150	COND PUMP A SCCW FLOW LOW	3	3	99.
05151	COND PUMP B SCCW FLOW LOW	3	3	99.
05152	COND PUMP C SCCW FLOW LOW	3	3	99.
05153	HEATER DRAIN PMP A SCCW FLOW LOW	3	3	99.
05154	HEATER DRAIN PMP B SCCW FLOW LOW	3	3	99.
05155	SCCW HEAD TANK LEVEL LOW	3	3	99.
05156	SCCW HEAD TANK LEVEL HIGH	3	3	99.
05157	SCCW SUPPLY HEADER TEMP LOW	3	3	99.
05158	SCCW SUPPLY HEADER TEMP HIGH	3	3	99.
05159	SCCW PUMP A BKR OPEN	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
05161	SCCW PUMP A CS NORMAL AFTER START	0	5	99.
05162	SCCW PUMP B BKR OPEN	0	5	99.
05163	SCCW PUMP B CS NORMAL AFTER START	0	5	99.
05164	SCCW PUMP C BKR OPEN	0	5	99.
05165	SCCW PUMP C CS NORMAL AFTER START	0	5	99.
05169	TRN A PAB AUX STM ISO	0	5	99.
05169	TRN B PAB AUX STM ISO	0	5	99.
05171	SPENT FUEL PMP A SS IN LOCAL	3	2	99.
05172	SPENT FUEL PMP B SS IN LOCAL	3	2	99.
05174	REFUEL CANAL SKIMMER PMP BKR CLOSED	3	3	99.
05175	HYDROGENATED VENT HDR ISO V50 OPEN	2	2	99.
05176	H2 VENT HDR CONTM ISO V47 CLOSED	0	5	99.
05177	H2 VENT HDR CONTM ISO V46 CLOSED	0	5	99.
05178	H2 VENT HDR PRESS NEAR RELIEF SP	2	2	99.
05180	SPENT FUEL POOL LEAK SUMP LEVEL HIGH	2	3	99.
05181	SPENT FUEL POOL SKIMMER PMP FLOW LOW	3	3	99.
05182	SPENT FUEL DEMIN INLET TEMP HIGH	3	2	99.
05183	SPENT FUEL PREFILTER DP HIGH	3	2	99.
05184	SPENT FUEL POST FILTER DP HIGH	3	2	99.
05185	SPENT FUEL DEMIN DP HIGH	3	2	99.
05186	SPENT FUEL PMP A DISCH PRESS LOW	0	5	99.
05187	SPENT FUEL PMP B DISCH PRESS LOW	0	5	99.
05188	SPENT FUEL POOL TEMP HI-HI	2	2	99.
05189	SPENT FUEL PMP A BKR CLOSED	0	5	99.
05190	SPENT FUEL PMP B BKR CLOSED	0	5	99.
05191	SPENT FUEL PMP DISCH FLOW LOW	3	2	99.
05192	SPENT FUEL PMP DISCH FLOW LO-LO	2	2	99.
05193	SF SKIMMER PMP DISCH PRESS LOW	3	2	99.
05194	RY REFUEL CAVITY LEVEL LOW	2	2	99.
05195	SF POOL DEMIN INLET SF-V40 OPEN	0	5	99.
05196	SPENT FUEL POOL LEVEL LOW	2	2	99.
05197	SPENT FUEL POOL LEVEL HIGH	3	2	99.
05200	ASDV A CS LOCAL AT CP-108B	3	3	99.
05201	ASDV B CS LOCAL AT CP-108B	3	3	99.
05202	ASDV C CS LOCAL AT CP-108A	3	3	99.
05203	ASDV B CS LOCAL AT CP-108B	3	3	99.
05204	TURBINE STOP VALVE 1 CLOSED	0	5	99.
05205	TURBINE STOP VALVE 2 CLOSED	0	5	99.
05206	TURBINE STOP VALVE 3 CLOSED	0	5	99.
05207	TURBINE STOP VALVE 4 CLOSED	0	5	99.
05209	EHC CHANNEL I PRESSURE LOW	0	5	99.
05210	RS-V-127 CS AT CP-108A MISALIGNED	3	3	99.
05211	TURBINE TRIP - RX TRIP SIGNAL	1	3	99.
05212	EHC CHANNEL II PRESSURE LOW	0	5	99.
05213	EHC CHANNEL III PRESSURE LOW	0	5	99.
05214	ASDV A NOT FULL CLOSED	3	3	99.
05215	ASDV B NOT FULL CLOSED	3	3	99.
05216	ASDV C NOT FULL CLOSED	3	3	99.
05217	ASDV D NOT FULL CLOSED	3	3	99.
05218	MSIV* CS LOCAL AT CP-108A VLVS TRIP	2	3	99.
05222	MSIV A FULL CLOSED	0	5	99.
05223	MSIV A FULL OPEN	0	5	99.
05224	MSIV B FULL CLOSED	0	5	99.
05225	MSIV B FULL OPEN	0	5	99.
05226	MSIV C FULL CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
05227	MSIV C FULL OPEN	0	5	99.
05228	MSIV D FULL CLOSED	0	5	99.
05229	MSIV B FULL OPEN	0	5	99.
05230	ASDV A SS AT MCB NOT IN MODULATE	0	5	99.
05231	ASDV B SS AT MCB NOT IN MODULATE	0	5	99.
05232	ASDV C SS AT MCB NOT IN MODULATE	0	5	99.
05233	ASDV D SS AT MCB NOT IN MODULATE	0	5	99.
05234	STM DUMP VALVE 3009 NOT FULLY CLOSED	0	5	99.
05235	STM DUMP VALVE 3010 NOT FULLY CLOSED	0	5	99.
05236	STM DUMP VALVE 3011 NOT FULLY CLOSED	0	5	99.
05237	STM DUMP VALVE 3012 NOT FULLY CLOSED	0	5	99.
05238	STM DUMP VALVE 3013 NOT FULLY CLOSED	0	5	99.
05239	STM DUMP VALVE 3014 NOT FULLY CLOSED	0	5	99.
05240	STM DUMP VALVE 3015 NOT FULLY CLOSED	0	5	99.
05241	STM DUMP VALVE 3016 NOT FULLY CLOSED	0	5	99.
05242	STM DUMP VALVE 3017 NOT FULLY CLOSED	0	5	99.
05243	STM DUMP VALVE 3018 NOT FULLY CLOSED	0	5	99.
05244	STM DUMP VALVE 3019 NOT FULLY CLOSED	0	5	99.
05245	STM DUMP VALVE 3020 NOT FULLY CLOSED	0	5	99.
05246	MSIV A BYPASS VLV FULLY CLOSED	0	5	99.
05247	MSIV B BYPASS VLV FULLY CLOSED	0	5	99.
05248	MSIV C BYPASS VLV FULLY CLOSED	0	5	99.
05249	MSIV D BYPASS VLV FULLY CLOSED	0	5	99.
05251	MAIN STEAM ISOLATION TRIP A	1	3	99.
05252	EFW PMP A TRN B STM SUPPLY VLV OPEN	0	5	99.
05253	EFW PMP A TRN A STM SUPPLY VLV OPEN	0	5	99.
05254	MSR A STM SUP VLV NOT FULLY CLOSED	0	5	99.
05255	MSR B STM SUP VLV NOT FULLY CLOSED	0	5	99.
05256	MSR C STM SUP VLV NOT FULLY CLOSED	0	5	99.
05257	MSR D STM SUP VLV NOT FULLY CLOSED	0	5	99.
05258	EFW PMP A OVERSPEED TRIP V129 CLOSED	1	3	99.
05267	MS-V-127 AIR ACCUM PRESS LOW	2	3	99.
05268	MS-V-128 AIR ACCUM PRESS LOW	2	3	99.
05271	MSIV A HYD FLUID TK LEVEL LOW	2	3	99.
05272	MSIV B HYD FLUID TK LEVEL LOW	2	3	99.
05273	MSIV C HYD FLUID TK LEVEL LOW	2	3	99.
05274	MSIV D HYD FLUID TK LEVEL LOW	2	3	99.
05275	STD SPARE #9 UNDEFN	2	3	35.
05276	STD SPARE #10 UNDEFN	2	3	35.
05277	T6 THRUST BEARING WEAR	2	3	99.
05278	STD SPARE #12 UNDEFN	1	2	35.
05279	STD SPARE #13 UNDEFN	1	2	35.
05280	STD SPARE #14 UNDEFN	1	2	35.
05281	STD SPARE #15 UNDEFN	1	2	35.
05282	PF UPPER DETECTOR FLUX DEVIATION	2	2	99.
05283	PF LOWER DETECTOR FLUX DEVIATION	2	2	99.
05284	S1 ACCUM A OUTLET VLV SS IN LOCAL	0	5	99.
05285	S1 ACCUM B OUTLET VLV SS IN LOCAL	0	5	99.
05286	S1 ACCUM C OUTLET VLV SS IN LOCAL	0	5	99.
05287	S1 ACCUM D OUTLET VLV SS IN LOCAL	0	5	99.
05300	TURB HOOD SPRAY PRESS LOW	0	5	99.
05301	TURB HOOD SPRAY SUPPLY VALVE OPEN	0	5	99.
05302	LP TURB A HOOD TEMP HIGH	3	3	99.
05303	LP TURB A HOOD TEMP HI-HI	2	3	99.
05304	LP TURB B HOOD TEMP HIGH	3	3	99.

POINT	DESCRIPTION	PRTOR	DST	REV.
05305	LP TURB B HOOD TEMP HI-HI	2	3	99.
05306	LP TURB C HOOD TEMP HIGH	3	3	99.
05307	LP TURB C HOOD TEMP HI-HI	2	3	99.
05308	TURB GEN BRG 1 VIBRATION HIGH	3	3	99.
05309	TURB GEN BRG 2 VIBRATION HIGH	3	3	99.
05310	TURB GEN BRG 3 VIBRATION HIGH	3	3	99.
05311	TURB GEN BRG 4 VIBRATION HIGH	3	3	99.
05312	TURB GEN BRG 5 VIBRATION HIGH	3	3	99.
05313	TURB GEN BRG 6 VIBRATION HIGH	3	3	99.
05314	TURB GEN BRG 7 VIBRATION HIGH	3	3	99.
05315	TURB GEN BRG 8 VIBRATION HIGH	3	3	99.
05316	TURB GEN BRG 9 VIBRATION HIGH	3	3	99.
05317	TURB GEN BRG 10 VIBRATION HIGH	3	3	99.
05318	TURB GEN BRG 11 VIBRATION HIGH	3	3	99.
05319	TURB GEN BRG 12 VIBRATION HIGH	3	3	99.
05320	MFP A HP BRG VIBRATION HIGH	3	3	99.
05321	MFP A LP BRG VIBRATION HIGH	3	3	99.
05322	MFP B HP BRG VIBRATION HIGH	3	3	99.
05323	MFP B LP BRG VIBRATION HIGH	3	3	99.
05324	MFP A HP BRG VIBRATION HIHI	2	3	99.
05325	MFP A LP BRG VIBRATION HIHI	2	3	99.
05326	MFP B HP BRG VIBRATION HIHI	2	3	99.
05327	MFP B LP BRG VIBRATION HIHI	2	3	99.
05328	MFP B SHAFT ECCENTRICITY HIGH	3	3	99.
05329	TURB GEN SHAFT ECCENTRICITY HIGH	3	3	99.
05331	TSI CP-27 VOLTAGE LOSS	2	3	99.
05332	TSI CP-27 TRIP VOLTAGE LOSS	2	3	99.
05333	TURB GEN DIFF EXPANSION + ALARM	2	3	99.
05334	TURB GEN DIFF EXPANSION - ALARM	2	3	99.
05346	H2 ANALYZR TRN A NORM HEAT TRACE FAIL	2	1	99.
05347	H2 ANALYZR TRN A BU HEAT TRACE FAIL	2	1	99.
05348	H2 ANALYZR TRN B NORM HEAT TRACE FAIL	2	1	99.
05349	H2 ANALYZR TRN B BU HEAT TRACE FAIL	2	1	99.
05350	FAH TORNADO DAMPER 366 FULL CLOSED	0	5	99.
05351	FAM TORNADO DAMPER 959 FULL CLOSED	0	5	99.
05356	CEA TORNADO DAMPER 354 FULL CLOSED	0	5	99.
05357	CEA TORNADO DAMPER 349 FULL CLOSED	0	5	99.
05358	CEA TORNADO DAMPER 348 FULL CLOSED	0	5	99.
05359	CEA TORNADO DAMPER 352 FULL CLOSED	0	5	99.
05360	CEA TORNADO DAMPER 353 FULL CLOSED	0	5	99.
05361	CEA TORNADO DAMPER 351 FULL CLOSED	0	5	99.
05365	SW SWGR ROOM TORNADO DAMP 370 CLOSED	0	5	99.
05366	SW SWGR ROOM TORNADO DAMP 369 CLOSED	0	5	99.
05367	SW SWGR ROOM TORNADO DAMP 367 CLOSED	0	5	99.
05370	TURB TRIP RX TRIP-SC LEVEL-ELEC FALT	0	5	99.
05371	TURB TRIP LOSS OF STATOR COOLING	0	5	99.
05372	TURB TRIP SHAFT PUMP DISCH PRESS LOW	0	5	99.
05373	TURB TRIP TSI VIBRATION HIGH	0	5	99.
05374	TURB TRIP EXHAUST HOOD TEMP HIGH	0	5	99.
05375	TURB TRIP EHC PRESS LOW	0	5	99.
05376	TURB TRIP NSR LEVEL HIGH	0	5	99.
05377	TURB TRIP BRG OIL PRESS LOW	0	5	99.
05378	TURB TRIP VACUUM LOW	0	5	99.
05379	TURB TRIP LWR THP BRG WEAR	0	5	99.
05380	TURB TRIP UPPER THP BRG WEAR	0	5	99.

## ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

REV. NO. 46.

POINT	DESCRIPTION	PRIOR	DST	REV.
05381	TURB TRIP CROSS TRIP 24VDC/125VDC	0	5	99.
05382	TURB TRIP ETS PRESS LOW	0	5	99.
05383	TURB TRIP MANUAL PUSHBUTTON 125VDC	0	5	99.
05384	TURB TRIP LOSS OF SPEED / BACKUP OS	0	5	99.
05385	EHC 125 VDC TRIP BUS ENERGIZED	2	3	99.
05386	EHC LOSS OF 125VDC	2	3	99.
05387	EHC ELEC TEST TRIPPED	3	3	99.
05388	EHC PWR LOAD UNBALANCE TEST	3	3	99.
05389	EHC EARLY VALVE ACTUATION TEST	3	3	99.
05390	TURB TRIP EHC 125 VDC LOSS	0	5	99.
05391	TURB TRIP MANUAL PUSHBUTTON 24VDC	0	5	99.
05392	TURB TRIP MECHANICAL OVERSPEED	0	5	99.
05393	TURB TRIP MANUAL TRIP HANDLE	0	5	99.
05394	EHC ELECT TRIP TEST MALFUNCTION	2	3	99.
05395	TURB TRIP EHC 24V & 125V BUS ENERG	0	5	99.
05396	TURB LOAD UNBALANCE ACTUATED	1	3	99.
05397	TURB EARLY VALVE ACTUATION	1	3	99.
05398	EHC FAST ACTING SOLENOID ACTUATED	2	3	99.
05399	EHC LOSS OF 125VDC	2	3	99.
05400	RMW STORAGE TANK TEMP HIGH	3	2	99.
05401	RMW STORAGE TANK TEMP LOW	3	2	99.
05402	RMW STORAGE TANK LEVEL HIGH	3	2	99.
05403	RMW STORAGE TANK LEVEL LOW	3	2	99.
05404	RMW HEADER PRESSURE LOW	0	5	99.
05405	RMW STORAGE TANK DIKE SPILL	3	2	99.
05406	RMW STORAGE TANK DIKE FLOOD	2	2	99.
05407	RMW CONT ISO VLV FULL CLOSED	3	3	99.
05408	RMW PUMP A OR B RUNNING	0	5	99.
05410	AUX HOTLER A OR B TROUBLE	3	3	99.
05412	RMW SUPPLY TO PRT NOT CLOSED	3	2	99.
05415	DEMINERALIZED WTR STOR TK LVL LOW	2	3	99.
05416	DEMINERALIZED WTR STOR TK LVL HIGH	2	3	99.
05417	DEMINERALIZED WTR STOR TK TEMP LOW	2	3	99.
05418	DEMINERALIZED WTR SYS PRESS LOW	2	3	99.
05419	DEMINERALIZED WTR PUMP A RUNNING	0	5	99.
05420	DEMINERALIZED WTR PUMP B RUNNING	0	5	99.
05421	CG A FUEL OIL DAY TK ROOM TEMP LOW	3	4	99.
05422	CG B FUEL OIL DAY TK ROOM TEMP LOW	3	4	99.
05423	CLG TWR TRN A SPRAY BYP VLV CLOSED	0	5	99.
05424	CLG TWR TRN B SPRAY BYP VLV CLOSED	0	5	99.
05425	AUX STEAM HEADER PRESSURE LOW	3	3	99.
05426	AUX STEAM HEADER PRESSURE HIGH	3	3	99.
05439	CHLOR BLDG H2 CONC HIGH	2	3	99.
05441	CHLOR BLDG ELEC ROOM TEMP LOW	3	3	99.
05442	CHLOR BLDG ELEC ROOM TEMP HIGH	3	3	99.
05443	CHLOR BLDG MECH ROOM TEMP LOW	3	3	99.
05444	CHLOR BLDG MECH ROOM TEMP HIGH	3	3	99.
05445	CONTM H2 ANALYZER A FAILURE	2	2	99.
05446	CONTM H2 CONCENTRATION	2	2	99.
05447	CONTM H2 ANALYZER B FAILURE	2	2	99.
05448	CONTM H2 CONCENTRATION HIGH	2	2	99.
05449	STD SPARE #16 UNDEFN	2	3	35.
05450	CONTAINMENT FOUNDATION SSE	1	2	99.
05451	CONTAINMENT FOUNDATION GRE	1	2	99.
05452	SEISMIC EVENT IN PROGRESS	1	2	99.

POINT	DESCRIPTION		PRIOR	DST	REV.
05453	STD SPARE #17	UNDEFN	2	3	35.
05454	STD SPARE #18	UNDEFN	2	3	35.
05456	STD SPARE #19	UNDEFN	2	3	35.
05457	STD SPARE #20	UNDEFN	2	3	35.
05458	STD SPARE #21	UNDEFN	1	2	35.
05459	STD SPARE #22	UNDEFN	1	2	35.
05461	REHEATER DRAIN TANK A PRESS LOW		0	5	99.
05462	REHEATER DRAIN TANK B PRESS LOW		0	5	99.
05463	REHEATER DRAIN TANK C PRESS LOW		0	5	99.
05464	REHEATER DRAIN TANK D PRESS LOW		0	5	99.
05465	REHEATER DRAIN TANK A LEVEL HIGH		3	3	99.
05466	REHEATER DRAIN TANK A LEVEL LOW		3	3	99.
05467	REHEATER DRAIN TANK B LEVEL HIGH		3	3	99.
05468	REHEATER DRAIN TANK B LEVEL LOW		3	3	99.
05469	REHEATER DRAIN TANK C LEVEL HIGH		3	3	99.
05470	REHEATER DRAIN TANK C LEVEL LOW		3	3	99.
05471	REHEATER DRAIN TANK D LEVEL HIGH		3	3	99.
05472	REHEATER DRAIN TANK D LEVEL LOW		3	3	99.
05475	TURB BLDG SUMP NO.1 LEVEL HI-HI		3	3	99.
05476	OIL/WTR SEPARATOR VAULT NO.1 TROUBLE		3	3	99.
05477	OIL/WTR SEP 1 WTR TK-122 LVL HI-HI		3	3	99.
05478	DIESEL BLDG SUMP 3 LEVEL HIGH		3	4	99.
05479	DIESEL BLDG SUMP 4 LEVEL HIGH		3	4	99.
05483	OIL/WTR SEPARATOR VAULT NO.3 TROUBLE		3	3	99.
05481	OIL/WTR SEP 3 WTR TK-123 LVL HI-HI		3	3	99.
05482	STD SPARE #23	UNDEFN	1	2	35.
05483	STD SPARE #24	UNDEFN	1	2	35.
05484	FIRE PUMP HOUSE SUMP 4 LEVEL HIGH		3	3	99.
05485	CW PUMPHOUSE SUMP LEVEL HIGH		3	3	99.
05486	ELECTRICAL TUNNEL SUMP LEVEL HIGH		3	3	99.
05487	EAST MS/FW PIPE CHASE SUMP LVL HIGH		3	3	99.
05488	WEST MS/FW PIPE CHASE SUMP LVL HIGH		3	3	99.
05489	EAST AIR INTAKE SUMP LEVEL HIGH		3	3	99.
05490	STD SPARE #25	UNDEFN	1	2	35.
05491	SW/CW INTAKE STRUCT SUMP A LVL HIGH		3	3	99.
05492	SW/CW INTAKE STRUCT SUMP B LVL HIGH		3	3	99.
05493	ELECTRIC TUNNEL SUMP PMP A TRIP & LO		3	4	99.
05494	ELECTRIC TUNNEL SUMP PMP B TRIP & LO		3	4	99.
05495	STD SPARE #26	UNDEFN	2	3	35.
05496	OIL/WTR SEP 1 SUMP LEVEL HI-HI		3	3	99.
05497	OIL/WTR SEP 3 SUMP LEVEL HI-HI		3	3	99.
05498	STD SPARE #27	UNDEFN	2	3	35.
05499	STD SPARE #28	UNDEFN	2	3	35.
05500	SW TRN A STRAINER DP HI		3	3	99.
05501	PCW HX A SW DISCH PRESS LO		3	3	99.
05502	SW TRN B STRAINER DP HI		3	3	99.
05503	PCW HX B W DISCH PRESS LO		3	3	99.
05504	CLGTWR PMP A CTL SWITCH NAS		0	5	99.
05505	CLGTWR PMP B CTL SWITCH NAS		0	5	99.
05506	SW TRN A CLGTWR VLVS MISALIGNED		3	3	99.
05507	SW TRN B CLGTWR VLVS MISALIGNED		3	3	99.
05508	CLGTWR FAN A SEL SWITCH IN LOCAL		3	3	99.
05509	CLGTWR FAN B SEL SWITCH IN LOCAL		3	3	99.
05510	CLGTWR FAN A BKR CLOSED		0	5	99.
05511	CLGTWR FAN A BKR TRIP LVO		2	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
05512	CLGTWR FAN B BKR CLOSED	0	5	99.
05513	CLGTWR FAN B CTL SWITCH NAS	0	5	99.
05514	SW PMP A SEL SWITCH IN LOCAL	3	3	99.
05515	SW PMP B SEL SWITCH IN LOCAL	3	3	99.
05516	SW PMP C SEL SWITCH IN LOCAL	3	3	99.
05517	SW PMP D SEL SWITCH IN LOCAL	3	3	99.
05518	SW PMP A DISCH VLV < 40% OPEN	0	5	99.
05519	SW PMP B DISCH VLV < 40% OPEN	0	5	99.
05520	SW PMP C DISCH VLV < 40% OPEN	0	5	99.
05521	SW PMP D DISCH VLV < 40% OPEN	0	5	99.
05522	SW PMP A BKR CLOSED	0	5	99.
05523	SW PMP A BKR TRIP L/O	3	3	99.
05524	SW PMP B BKR CLOSED	0	5	99.
05525	SW PMP B BKR TRIP L/O	3	3	99.
05526	SW PMP C BKR CLOSED	0	5	99.
05527	SW PMP C BKR TRIP L/O	3	3	99.
05528	SW PMP D BKR CLOSED	0	5	99.
05529	SW PMP D BKR TRIP L/O	3	3	99.
05530	CLGTWR PMP A SS IN LOCAL	3	3	99.
05531	CLGTWR PMP A BKR CLOSED	0	5	99.
05532	CLGTWR PMP A BKR TRIP L/O	3	3	99.
05533	CLGTWR PMP B SS IN LOCAL	3	3	99.
05534	CLGTWR PMP B BKR CLOSED	0	5	99.
05535	CLGTWR PMP B BKR TRIP L/O	2	3	99.
05536	SW TRAIN A TOWER ACTUATION	2	3	99.
05537	SW/CLGTWR SWITCHOVER TRN A DISABLED	3	3	99.
05538	SW TRAIN B TOWER ACTUATION	2	3	99.
05539	SW/CLGTWR SWITCHOVER TRN B DISABLED	3	3	99.
05544	CLGTWR PMP A INOP	3	3	99.
05545	CLGTWR PMP B INOP	3	3	99.
05546	SW PMP A INOP	0	5	99.
05547	SW PMP B INOP	0	5	99.
05548	SW PMP C INOP	0	5	99.
05549	SW PMP D INOP	0	5	99.
05550	DC WTR JKT HX A SW DISCH FLOW LOW	0	5	99.
05551	DC WTR JKT HX B SW DISCH FLOW LOW	0	5	99.
05552	CLGTWR PMP A DISCH VLV SS IN LOCAL	3	3	99.
05553	CLGTWR PMP B DISCH VLV SS IN LOCAL	3	3	99.
05554	CLGTWR PMP A DISCH VLV < 40% OPEN	0	5	99.
05555	CLGTWR PMP B DISCH VLV < 40% OPEN	0	5	99.
05556	CLGTWR BASIN LVL LOW	3	3	99.
05557	CLGTWR BASIN LVL LO-LO	3	3	99.
05560	SW TRAVELING SCREEN A FAIL TO ROTATE	3	3	99.
05561	SW TRAVELING SCREEN A CLOGGED	3	3	99.
05562	SW TRAVELING SCREEN B FAIL TO ROTATE	3	3	99.
05563	SW TRAVELING SCREEN B CLOGGED	3	3	99.
05564	CLGTWR FAN A CTL SWITCH NAS	0	5	99.
05565	SW PMP A CTL SWITCH NAS	0	5	99.
05566	SW PMP B CTL SWITCH NAS	0	5	99.
05567	SW RETURN OVERFLOWING	3	3	99.
05568	UNIT 2 CLGTWR FAN B SS IN LOCAL	3	3	99.
05569	UNIT 2 CLGTWR FAN B BKR CLOSED	0	5	99.
05570	UNIT 2 CLGTWR FAN B CTL SWITCH NAS	0	5	99.
05571	CLGTWR FAN A INOP	3	3	99.
05572	CLGTWR TRN A FLOW LOW	0	5	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
05573	CLOTWR TRN D FLOW LOW	0	5	99.
05575	TG STEAM SEAL HDR PRESS LOW	3	3	99.
05576	TG STEAM PACK EXH COND LVL HGH	3	3	99.
05577	TG STEAM PACK EXH VACUUM LOW	3	3	99.
05578	TR STEAM PACK EXHAUST FAN A TRIP	3	3	99.
05579	TR STEAM PACK EXHAUST FAN B TRIP	3	3	99.
05584	TG STM PK EXH FAN A MOTOR TEMP HIGH	3	3	99.
05585	TG STM PK EXH FAN B MOTOR TEMP HIGH	3	3	99.
05600	FIRE MAIN PRESSURE LOW	3	3	99.
05601	FIRE PROTECTION SYSTEM TROUBLE	3	3	99.
05602	FIRE PROTECTION TANK WATER TEMP LOW	2	3	99.
05603	ELECTRIC FIRE PUMP POWER LOST	3	3	99.
05604	DIESEL FIRE PMP A CS IN OFF DR MAN	3	3	99.
05605	DIESEL FIRE PMP B CS IN OFF DR MAN	3	3	99.
05606	FIRE PROT TK A/R LEVEL LOLD	2	3	99.
05607	DIESEL FIRE PUMP A START	3	3	99.
05608	DIESEL FIRE PUMP B START	3	3	99.
05609	ELECTRIC FIRE PUMP START	3	3	99.
05610	FIRE PROT TK A/R LEVEL HI/LO	2	3	99.
05611	SA COMPRESSOR CLG WTR FROM FIRE MAIN	0	5	99.
05612	PCCW HEAD TANK A LEVEL LOW	0	5	99.
05614	PCCW HEAD TANK B LEVEL LOW	0	5	99.
05615	PCCW HEAD TANK A LEVEL LOW	0	5	99.
05616	PCCW HEAD TANK B LEVEL LOW	0	5	99.
05617	PCCW HEAD TANK A LEVEL LOW WPB ISOL	0	5	99.
05618	PCCW HEAD TANK B LEVEL LOW WPB ISOL	0	5	99.
05619	RCP A THERM BARRIER COOLING FLOW LOW	2	2	99.
05620	RCP B THERM BARRIER COOLING FLOW LOW	2	2	99.
05621	RCP C THERM BARRIER COOLING FLOW LOW	2	2	99.
05622	RCP D THERM BARRIER COOLING FLOW LOW	2	2	99.
05625	PERSONAL AIR LOCK INNER DOOR OPEN	0	5	99.
05626	PERSONAL AIR LOCK OUTER DOOR OPEN	0	5	99.
05627	PROTECTION CAB CP-1 PWR SUP FAILED	2	1	99.
05628	PROTECTION CAB CP-1 DOOR OPEN	0	5	99.
05629	PROTECTION CAB CP-2 PWR SUP FAILED	2	1	99.
05630	PROTECTION CAB CP-2 DOOR OPEN	0	5	99.
05631	PROTECTION CAB CP-3 PWR SUP FAILED	2	1	99.
05632	PROTECTION CAB CP-3 DOOR OPEN	0	5	99.
05633	PROTECTION CAB CP-4 PWR SUP FAILED	2	1	99.
05634	PROTECTION CAB CP-4 DOOR OPEN	0	5	99.
05635	CONTROL CAB CP-5 PWR SUP FAILED	2	1	99.
05636	CONTROL CAB CP-6 PWR SUP FAILED	2	1	99.
05637	CONTROL CAB CP-7 PWR SUP FAILED	2	1	99.
05638	CONTROL CAB CP-8 PWR SUP FAILED	2	1	99.
05639	BOP CAB CP-152A PWR SUP FAILED	3	3	99.
05640	BOP CAB CP-152B PWR SUP FAILED	3	3	99.
05641	BOP CAB CP-153 PWR SUP FAILED	3	3	99.
05642	BOP CAB CP-175 PWR SUP FAILED	3	3	99.
05643	BOP CAB CP-244 PWR SUP FAILED	3	3	99.
05644	WPR CAB CP-388A PWR SUP FAILED	3	3	99.
05645	WPR CAB CP-388B PWR SUP FAILED	3	3	99.
05646	BOP CAB CP-152A PWR SUP FAILED	3	3	99.
05647	BOP CAB CP-152B PWR SUP FAILED	3	3	99.
05650	EQUIPMENT HATCH INNER DOOR OPEN	0	5	99.
05651	EQUIPMENT HATCH OUTER DOOR OPEN	0	5	99.

ALARM MESSAGES FOR B\* DIGITAL\* AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
05655	EQUIPMENT HATCH TEST FAILED	3	2	99.
05657	MFT TR CTL HOUSE TEMP HI-LO	3	3	99.
05676	MCS TRN A RECORDER PWR SUP FAILED	2	1	99.
05654	MCR TRN B RECORDER PWR SUP FAILED	2	1	99.
05650	MCB NON IE RECORDER PWR SUP FAILED	3	1	99.
05661	MPB CP-35A RECORDER PWR SUP FAILED	2	1	99.
05652	CP-10PA RECORDER PWR SUP FAILED	2	1	99.
05663	CP-10PB RECORDER PWR SUP FAILED	2	1	99.
05664	SSPS CP-12 TRN A SS DISABLED	2	1	99.
05665	SSPS CP-13 TRN B SS DISABLED	2	1	99.
05666	SAFE SHUTDOWN CP-10RA PWR SUP FAILED	2	1	99.
05667	SAFE SHUTDOWN CP-10RB PWR SUP FAILED	2	1	99.
05668	BOP CAB CP-297A DOOR OPEN	0	5	99.
05673	BOP CAB CP-297A PWR SUP FAILED	3	3	99.
05670	EMER PWR SEQ A STEP 2 MAN TEST INIT	0	5	99.
05671	EMER PWR SEQ A STEP 3 MAN TEST INIT	0	5	99.
05672	EMER PWR SEQ A STEP 4 MAN TEST INIT	0	5	99.
05673	EMER PWR SEQ A STEP 5 MAN TEST INIT	0	5	99.
05674	EMER PWR SEQ A STEP 6 MAN TEST INIT	0	5	99.
05675	EMER PWR SEQ A STEP 7 MAN TEST INIT	0	5	99.
05676	EMER PWR SEQ A STEP 8 MAN TEST INIT	0	5	99.
05677	EMER PWR SEQ A STEP 9 MAN TEST INIT	0	5	99.
05678	EMER PWR SEQ A STEP 2 INITIATED	0	5	99.
05679	EMER PWR SEQ A STEP 3 INITIATED	0	5	99.
05680	EMER PWR SEQ A STEP 4 INITIATED	0	5	99.
05681	EMER PWR SEQ A STEP 5 INITIATED	0	5	99.
05682	EMER PWR SEQ A STEP 6 INITIATED	0	5	99.
05683	EMER PWR SEQ A STEP 7 INITIATED	0	5	99.
05684	STG SPARE #29 UNDEFN	2	3	35.
05685	EMER PWR SEQ B STEP 2 MAN TEST INIT	0	5	99.
05686	EMER PWR SEQ B STEP 3 MAN TEST INIT	0	5	99.
05687	EMER PWR SEQ B STEP 4 MAN TEST INIT	0	5	99.
05688	EMER PWR SEQ B STEP 5 MAN TEST INIT	0	5	99.
05689	EMER PWR SEQ B STEP 6 MAN TEST INIT	0	5	99.
05690	EMER PWR SEQ B STEP 7 MAN TEST INIT	0	5	99.
05691	EMER PWR SEQ B STEP 8 MAN TEST INIT	0	5	99.
05692	EMER PWR SEQ B STEP 9 MAN TEST INIT	0	5	99.
05693	EMER PWR SEQ B STEP 2 INITIATED	0	5	99.
05694	EMER PWR SEQ B STEP 3 INITIATED	0	5	99.
05695	EMER PWR SEQ B STEP 4 INITIATED	0	5	99.
05696	EMER PWR SEQ B STEP 5 INITIATED	0	5	99.
05697	EMER PWR SEQ B STEP 6 INITIATED	0	5	99.
05698	EMER PWR SEQ B STEP 7 INITIATED	0	5	99.
05700	FIRE PUMP HOUSE AIR TEMP LOW	3	3	99.
05701	STD SPARE #30 UNDEFN	2	3	35.
05702	STD SPARE #31 UNDEFN	1	2	35.
05703	STD SPARE #32 UNDEFN	1	2	35.
05704	STD SPARE #33 UNDEFN	1	2	35.
05705	AUX STEAM COND TK 116 LEVEL HI-LO	3	3	99.
05706	AUX STEAM COND TK 117 LEVEL HI-LO	3	3	99.
05707	ASC FAD MON ISO VLV CLOSED	2	3	99.
05708	CONTM PRESS UCD UNITS BIT 4	0	0	32.
05709	CONTM PRESS HCU TENS BIT 1	0	0	32.
05710	CONTM PRESS HCU TENS BIT 2	0	0	32.
05711	CONTM PRESS BCD TENS BIT 3	0	0	32.

POINT	DESCRIPTION	PRIOR	DST	REV.
05712	CONTR PRESS BCD TENS BIT 4	0	0	32.
05713	CONTR PRESS BCD 100'S BIT 1	0	0	32.
05714	CONTR PRESS BCD 100'S BIT 2	0	0	32.
05715	CONTR PRESS BCD 100'S BIT 3	0	0	32.
05716	CONTR PRESS BCD 100'S BIT 4	0	0	32.
05717	CONTR PRESS BCD KILO BIT 1	0	0	32.
05718	CONTR PRESS BCD KILO BIT 2	0	0	32.
05719	CONTR PRESS BCD KILO BIT 3	0	0	32.
05720	CONTR PRESS BCD KILO BIT 4	0	0	32.
05721	CONTR PRESS BCD 10 K BIT 1	0	0	32.
05722	CONTR PRESS BCD 10 K BIT 2	0	0	32.
05723	CONTR PRESS BCD 10 K BIT 3	0	0	32.
05724	CONTR PRESS BCD 10 K BIT 4	0	0	32.
05725	CONTR PRESS BCD 100 K BIT 1	0	0	32.
05726	CONTR PRESS BCD UNITS BIT 1	0	0	32.
05727	CONTR PRESS BCD UNITS BIT 2	0	0	32.
05728	CONTR PRESS BCD UNITS BIT 3	0	0	32.
05730	BUS E6 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
05731	BUS E6 DG B BKR CS NORM AFTER CLOSE	0	5	99.
05732	MCC 502 FDR BKR CS NORM AFTER CLOSE	0	5	99.
05733	MCC 422 FDR BKR CS NORM AFTER CLOSE	0	5	99.
05734	VITAL UPS 1F INV PWR FUSE BLOWN	2	4	99.
05735	VITAL UPS 1F ENCLOSURE TEMP HIGH	2	4	99.
05736	VITAL UPS 1F INV OUTPUT VOLTAGE HIGH	2	4	99.
05737	VITAL UPS 1F BLOCKING DIODE FAILED	2	4	99.
05738	VITAL UPS 1F DC INPUT BKR OPEN	2	4	99.
05739	VITAL UPS 1F AC INPUT BKR OPEN	3	4	99.
05740	VITAL UPS 1F FREQUENCY DEVIATION	2	4	99.
05741	VITAL UPS 1C SUPPLY ON DC BUS	3	4	99.
05742	VITAL UPS 1F INV PWR FUSE BLOWN	2	4	99.
05743	VITAL UPS 1F ENCLOSURE TEMP HIGH	2	4	99.
05744	VITAL UPS 1F INV OUTPUT VOLTAGE HIGH	2	4	99.
05745	VITAL UPS 1F BLOCKING DIODE FAILED	2	4	99.
05746	VITAL UPS 1F DC INPUT BKR OPEN	2	4	99.
05747	VITAL UPS 1F AC INPUT BKR OPEN	3	4	99.
05748	VITAL UPS 1F FREQUENCY DEVIATION	2	4	99.
05749	VITAL UPS 1F SUPPLY ON DC BUS	3	4	99.
05752	DISABLING CAB CP-470A POWER LOST	2	2	99.
05753	NITROGEN SUPPLY TO WPR/PAB PRESS LOW	3	2	99.
05755	CW PUMP HOUSE TEMP HIGH	3	3	99.
05756	CW PUMP HOUSE TEMP LOW	3	3	99.
05758	RCDT PUMP A OR B RUNNING	3	2	99.
05759	RCDT XFER VLV FV-1403 NOT FULL CLOSE	3	2	99.
05760	RCDT LEVEL HIGH	3	2	99.
05761	RCDT LEVEL LOW	3	2	99.
05762	CONTR SUMP A LEVEL HIGH	3	2	99.
05763	CONTR SUMP B LEVEL HIGH	3	2	99.
05764	PAB SUMP A LEVEL HIGH	3	2	99.
05765	EQUIP VAULT A SUMP LVL HIGH	3	2	99.
05766	EQUIP VAULT B SUMP LVL HIGH	3	2	99.
05767	FUEL STOR BLDG SUMP B LEVEL HIGH	3	2	99.
05768	FUEL STOR BLDG SUMP A LEVEL HIGH	3	2	99.
05769	WASTE BLDG SUMP A LEVEL HIGH	3	2	99.
05770	WASTE BLDG SUMP B LEVEL HIGH	3	2	99.
05771	RCA WALKWAY SUMP A LEVEL HIGH	3	2	99.

ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
05772	RCA WALKWAY SUMP B LEVEL HIGH	3	2	99.
05773	RCA WALKWAY SUMP C LEVEL HIGH	3	2	99.
05774	ADMIN GLOC SUMP LEVEL HIGH	3	2	99.
05775	KCP A SHAFT VIBRATION HIGH	2	2	99.
05776	KCP B SHAFT VIBRATION HIGH	2	2	99.
05777	KCP C SHAFT VIBRATION HIGH	2	2	99.
05778	KCP D SHAFT VIBRATION HIGH	2	2	99.
05779	KCP A MOTOR FRAME VIBRATION HIGH	2	2	99.
05780	KCP B MOTOR FRAME VIBRATION HIGH	2	2	99.
05781	KCP C MOTOR FRAME VIBRATION HIGH	2	2	99.
05782	KCP D MOTOR FRAME VIBRATION HIGH	2	2	99.
05783	MFP A OUTBOARD BRG VIBRATION HIGH	2	3	99.
05784	MFP B OUTBOARD BRG VIBRATION HIGH	2	3	99.
05785	MFP C OUTBOARD BRG VIBRATION HIGH	2	3	99.
05786	MFP D OUTBOARD BRG VIBRATION HIGH	2	3	99.
05787	PRIMARY SYSTEM LOOSE PARTS DETECTED	2	2	99.
05788	SS SAFETY VALVE OPEN	2	2	99.
05789	LOOSE PARTS MONITOR SYS POWER LOST	3	2	99.
05791	P2R PGRV OR SAFETY VALVE OPEN	1	2	99.
05792	P2R SFY VLV VIB MONITOR POWER LOST	3	2	99.
05793	SG SAFETY VLV VIB MONITOR POWER LOST	3	3	99.
05794	DISABLING CAB CP-470R POWER LOST	2	2	99.
05795	RCP CAB CP-297B DOOR OPEN	3	3	99.
05796	RCP CAB CP-297B PWR SUP FAILED	3	3	99.
05798	PERSONAL AIR LOCK TEST FAILED	3	2	99.
05800	VITAL INST PANEL 1A POWER LOST	2	4	99.
05801	VITAL INST PANEL 1B POWER LOST	2	4	99.
05802	VITAL INST PANEL 1C POWER LOST	2	4	99.
05803	VITAL INST PANEL 1D POWER LOST	2	4	99.
05804	VITAL INST PANEL 1E POWER LOST	2	4	99.
05805	VITAL INST PANEL 1F POWER LOST	2	4	99.
05806	VITAL INST PANEL 1G POWER LOST	2	4	99.
05807	VITAL INST PANEL 1H POWER LOST	2	4	99.
05808	NON-VITAL INST PANEL 2A POWER LOST	3	4	99.
05809	NON-VITAL INST PANEL 2B POWER LOST	3	4	99.
05810	NON-VITAL INST PANEL 3A POWER LOST	3	4	99.
05811	NON-VITAL INST PANEL 3B POWER LOST	3	4	99.
05812	NON-VITAL INST PANEL 3C POWER LOST	3	4	99.
05813	NON-VITAL INST PANEL 3D POWER LOST	3	4	99.
05814	NON-VITAL INST PANEL 4A POWER LOST	3	4	99.
05815	NON-VITAL INST PANEL 4B POWER LOST	3	4	99.
05816	NON-VITAL INST PANEL 5 POWER LOSTS	3	4	99.
05817	RUS E5 UAT INC LN BKR DISABLED	3	4	99.
05818	RUS E5 RAT INC LN BKR DISABLED	3	4	99.
05819	RUS E6 UAT INC LN BKR DISABLED	3	4	99.
05820	RUS E6 RAT INC LN BKR DISABLED	3	4	99.
05821	STD SPARE #34 UNDEFN	1	2	35.
05822	STD SPARE #35 UNDEFN	1	2	35.
05823	STD SPARE #36 UNDEFN	2	3	35.
05824	STD SPARE #37 UNDEFN	2	3	35.
05825	CT TRN A BYP/INCP	0	5	99.
05826	CT TRN B BYP/INCP	0	5	99.
05827	RHR TRN A BYP/INCP	0	5	99.
05828	SI TRN A BYP/INCP	0	5	99.
05829	SI TRN B BYP/INCP	0	5	99.

## ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

REV. NO. 46.

POINT	DESCRIPTION	PRIOR	DST	REV.
05835	CS TRN B BYP/INOP	0	5	99.
05836	CS TRN A BYP/INOP	0	5	99.
05837	CS TRN E BYP/INOP	0	5	99.
05841	CNTRFGL CHG PUMP A CS NAS	0	5	99.
05842	CNTRFGL CHG PUMP B CS NAS	0	5	99.
05843	VCT LEVEL LG-LG & XFR TO RWST (112)	0	5	99.
05844	VCT LEVEL LG-LG & XFR TO RWST (185)	0	5	99.
05847	CHG CONTR 150 VLV-140 SS IN LOCAL	3	2	99.
05848	CHG CONTR 150 VLV-143 SS IN LOCAL	3	2	99.
05849	BIT INLET 150 VLV-845 NOT FULL OPEN	0	5	99.
05850	IRTU 1 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05851	IRTU 2 SYNCHRO CHECK CONTACT CLOSED	0	0	19.
05852	IRTU 3 SYNCHRO CHECK CONTACT CLOSED	0	0	19.
05853	IRTU 4 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05854	IRTU 5 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05855	IRTU 6 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05856	IRTU 7 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05857	IRTU 8 SYNCHRO CHECK CONTACT CLOSED	0	0	19.
05858	IRTU 9 SYNCHRO CHECK CONTACT CLOSED	0	0	25.
05859	IRTU10 SYNCHRO CHECK CONTACT CLOSED	0	0	19.
05860	NON VITAL UPS 2A AC SUP LOSS TEST	3	4	99.
05861	NON VITAL UPS 2A SUPPLY ON DC BUS	3	4	99.
05864	NON VITAL UPS 2A DC SUP BKR TRIP	3	4	99.
05866	HSTB-IRTU 3 1MIN SYNC PULSE	0	0	28.
05869	HSTB-IRTU 3 10MS SYNC PULSE	0	0	28.
05870	HSTA-IRTU 3 1MIN SYNC PULSE	0	0	28.
05871	HSTA-IRTU 3 10MS SYNC PULSE	0	0	28.
05872	HSTR-IRTU 4 1MIN SYNC PULSE	0	0	28.
05873	HSTR-IRTU 4 10MS SYNC PULSE	0	0	28.
05874	HSTA-IRTU 4 1MIN SYNC PULSE	0	0	28.
05875	HSTA-IRTU 4 10MS SYNC PULSE	0	0	28.
05876	HSTR-IRTU 5 1MIN SYNC PULSE	0	0	28.
05877	HSTR-IRTU 5 10MS SYNC PULSE	0	0	28.
05878	HSTA-IRTU 5 1MIN SYNC PULSE	0	0	28.
05879	HSTA-IRTU 5 10MS SYNC PULSE	0	0	28.
05880	HSTR-IRTU 6 1MIN SYNC PULSE	0	0	28.
05881	HSTR-IRTU 6 10MS SYNC PULSE	0	0	28.
05882	HSTA-IRTU 6 1MIN SYNC PULSE	0	0	28.
05883	HSTA-IRTU 6 10MS SYNC PULSE	0	0	28.
05884	HSTR-IRTU 7 1MIN SYNC PULSE	0	0	28.
05885	HSTR-IRTU 7 10MS SYNC PULSE	0	0	28.
05886	HSTA-IRTU 7 1MIN SYNC PULSE	0	0	28.
05887	HSTA-IRTU 7 10MS SYNC PULSE	0	0	28.
05888	HSTR-IRTU 8 1MIN SYNC PULSE	0	0	28.
05889	HSTR-IRTU 8 10MS SYNC PULSE	0	0	28.
05890	HSTA-IRTU 8 1MIN SYNC PULSE	0	0	28.
05891	HSTA-IRTU 8 10MS SYNC PULSE	0	0	28.
05892	HSTR-IRTU 9 1MIN SYNC PULSE	0	0	28.
05893	HSTR-IRTU 9 10MS SYNC PULSE	0	0	28.
05894	HSTA-IRTU 9 1MIN SYNC PULSE	0	0	28.
05895	HSTA-IRTU 9 10MS SYNC PULSE	0	0	28.
05900	HSTR-IRTU 3 SPARE SYNC PULSE	0	0	22.
05901	HSTA-IRTU 3 SPARE SYNC PULSE	0	0	22.
05902	HSTR-IRTU 4 SPARE SYNC PULSE	0	0	22.
05903	HSTA-IRTU 4 SPARE SYNC PULSE	0	0	22.

POINT	DESCRIPTION	PRIOR	DST	REV.
05909	HSTA-IRTU 5 SPARE SYNC PULSE	0	0	22.
05909	HSTA-IRTU 5 SPARE SYNC PULSE	0	0	22.
05909	HSTA-IRTU 5 SPARE SYNC PULSE	0	0	22.
05907	HSTA-IRTU 6 SPARE SYNC PULSE	0	0	22.
05908	HSTA-IRTU 7 SPARE SYNC PULSE	0	0	22.
05909	HSTA-IRTU 7 SPARE SYNC PULSE	0	0	22.
05910	HSTA-IRTU 8 SPARE SYNC PULSE	0	0	22.
05911	HSTA-IRTU 8 SPARE SYNC PULSE	0	0	22.
05912	HSTA-IRTU 9 SPARE SYNC PULSE	0	0	22.
05913	HSTA-IRTU 9 SPARE SYNC PULSE	0	0	22.
05920	RDMS RADIATION HIGH/EQUIP TROUBLE	2	2	99.
05922	RAD MON CONTM ISO VLV 6572 FULL CLS	0	5	99.
05923	RAD MON CGNTM ISO VLV 6573 FULL CLS	0	5	99.
05924	RAD MON CONTM ISO VLV 6574 FULL CLS	0	5	99.
05930	COND PMP DISCH SODIUM CONC HIGH	3	3	99.
05933	COND HOTWELL SODIUM CONC HIGH	3	3	99.
05932	COND HOTWELL A CATION CONDY HIGH	3	3	99.
05934	COND HOTWELL F CATION CONDY HIGH	3	3	99.
05936	COND HOTWELL C CATION CONDY HIGH	3	3	99.
05972	SC TRAIN B COUNTS DOUBLED	1	2	99.
05973	CONT ISO-POST ACC SAMP SYS OPEN	2	3	40.
05975	SG A BLDWN SAMPLE CONDUCTIVITY HIGH	2	3	99.
05976	SG B BLDWN SAMPLE CONDUCTIVITY HIGH	2	3	99.
05977	SG C BLDWN SAMPLE CONDUCTIVITY HIGH	2	3	99.
05978	SG D BLDWN SAMPLE CONDUCTIVITY HIGH	2	3	99.
05979	SG A BLDWN SAMPLE SODIUM HIGH	2	3	99.
05980	SG B BLDWN SAMPLE SODIUM HIGH	2	3	99.
05981	SG C BLDWN SAMPLE SODIUM HIGH	2	3	99.
05982	SG D BLDWN SAMPLE SODIUM HIGH	2	3	99.
05983	CONT ISO-POST ACC SAMP SYS OPEN	2	3	40.
05984	CONT ISO-POST ACC SAMP SYS OPEN	2	3	40.
05985	PR 41 ABOVE PS	0	5	99.
05986	PR 42 ABOVE PS	0	5	99.
05987	PR 43 ABOVE PS	0	5	99.
05988	PR 44 ABOVE PS	0	5	99.
05989	PR 42 IN TEST	3	2	99.
05990	PR 43 IN TEST	3	2	99.
05991	PR 44 IN TEST	3	2	99.
06000	VITAL UPS 1A DC SUPPLY VOLT LOW	2	4	99.
06001	VITAL UPS 1A INV SUPPLY VOLT HIGH	2	4	99.
06002	VITAL UPS 1A AC SUPPLY VOLT LOW	2	4	99.
06003	VITAL UPS 1A AC OUTPUT VOLTAGE LOW	2	4	99.
06004	VITAL UPS 1B DC SUPPLY VOLT LOW	2	4	99.
06005	VITAL UPS 1B INV SUPPLY VOLT HIGH	2	4	99.
06006	VITAL UPS 1B AC SUPPLY VOLT LOW	2	4	99.
06007	VITAL UPS 1B AC OUTPUT VOLTAGE LOW	2	4	99.
06008	VITAL UPS 1C DC SUPPLY VOLT LOW	2	4	99.
06009	VITAL UPS 1C INV SUPPLY VOLT LOW	2	4	99.
06010	VITAL UPS 1C AC SUPPLY VOLT LOW	2	4	99.
06011	VITAL UPS 1C AC OUTPUT VOLT LOW	2	4	99.
06012	VITAL UPS 1D DC SUPPLY VOLT LOW	2	4	99.
06013	VITAL UPS 1D INV SUPPLY VOLT HIGH	2	4	99.
06014	VITAL UPS 1D AC SUPPLY VOLT LOW	2	4	99.
06015	VITAL UPS 1D AC OUTPUT VOLT LOW	2	4	99.
06016	VITAL UPS 1E DC SUPPLY VOLT LOW	2	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06017	VITAL UPS 1E INV SUPPLY VOLT HIGH	2	4	99.
06018	VITAL UPS 1E AC SUPPLY VOLT LOW	2	4	99.
06019	VITAL UPS 1E AC OUTPUT VOLT LOW	2	4	99.
06020	VITAL UPS 1E DC SUPPLY VOLT LOW	2	4	99.
06021	VITAL UPS 1E INV SUPPLY VOLT HIGH	2	4	99.
06022	VITAL UPS 1E AC SUPPLY VOLT LOW	2	4	99.
06023	VITAL UPS 1E AC OUTPUT VOLT LOW	2	4	99.
06024	VITAL INST PANEL 1A GROUNDED	2	4	99.
06025	VITAL INST PANEL 1B GROUNDED	2	4	99.
06026	VITAL INST PANEL 1C GROUNDED	2	4	99.
06027	VITAL INST PANEL 1D GROUNDED	2	4	99.
06028	VITAL INST PANEL 1E GROUNDED	2	4	99.
06029	VITAL INST PANEL 1F GROUNDED	2	4	99.
06030	NON-VITAL UPS 2A SUPPLY ON DC BUS	3	4	99.
06031	NON-VITAL UPS 2A MAJOR ALARM	3	4	99.
06032	NON-VITAL UPS 2A MINOR ALARM	3	4	99.
06033	NON-VITAL UPS 2E MAJOR ALARM	3	4	99.
06034	NON-VITAL UPS 2E MINOR ALARM	3	4	99.
06035	NON-VITAL UPS 2E SUPPLY ON DC BUS	3	4	99.
06036	NON-VITAL UPS 4 AC INPUT LINE LOST	3	4	99.
06037	NON-VITAL UPS 4 BLOCKING DIODE FAIL	3	4	99.
06038	NON-VITAL UPS 4 SYNCHRONIZATION LOST	3	4	99.
06039	NON-VITAL UPS 4 FUSE BLOWN	3	4	99.
06040	NON-VITAL UPS 4 SUPPLY ON DC BUS	3	4	99.
06041	NON-VITAL UPS 4 INV SUPPLY VOLT LOW	3	4	99.
06042	NON-VITAL UPS 4 AC OUTPUT VOLT LOW	3	4	99.
06043	NON-VITAL UPS 4 OVERCURRENT TRANSFER	3	4	99.
06044	NON-VITAL UPS 4 TEMPERATURE HIGH	3	4	99.
06045	NON-VITAL UPS 4 DC BREAKER OPEN	3	4	99.
06046	NON-VITAL UPS 4 RECTIFIER TEMP HIGH	3	4	99.
06050	BATTERY CHARGER 1A AC SUPPLY LOST	3	4	99.
06051	BATTERY CHARGER 1A DC VOLT LOW	2	4	99.
06052	BATTERY CHARGER 1A DC VOLT HIGH	2	4	99.
06053	BATTERY CHARGER 1A CHARGING AMPS LOW	3	4	99.
06054	BATTERY CHARGER 1A OUTPUT BKR OPEN	3	4	99.
06055	BATT 1A OUTPUT BKR TO BUS 11A OPEN	2	4	99.
06056	BATT 1C OUTPUT BKR TO BUS 11A CLOSED	2	4	99.
06057	DC BUS 11A GROUNDED	2	4	99.
06058	DC BUS 11A VOLT LOW	2	4	99.
06059	BATTERY CHARGER 1C AC SUPPLY LOST	3	4	99.
06060	BATTERY CHARGER 1C DC VOLT LOW	2	4	99.
06061	BATTERY CHARGER 1C DC VOLT HIGH	2	4	99.
06062	BATTERY CHARGER 1C CHARGING AMPS LOW	3	4	99.
06063	BATTERY CHARGER 1C OUTPUT BKR OPEN	3	4	99.
06064	BATT 1C OUTPUT BKR TO BUS 11C OPEN	2	4	99.
06065	BATT 1A OUTPUT BKR TO BUS 11C CLOSED	2	4	99.
06066	DC BUS 11C GROUNDED	2	4	99.
06067	DC BUS 11C VOLT LOW	2	4	99.
06068	BATTERY CHARGER 1B AC SUPPLY LOST	3	4	99.
06069	BATTERY CHARGER 1B DC VOLT LOW	2	4	99.
06070	BATTERY CHARGER 1B DC VOLT HIGH	2	4	99.
06071	BATTERY CHARGER 1B CHARGING AMPS LOW	3	4	99.
06072	BATTERY CHARGER 1B OUTPUT BKR OPEN	3	4	99.
06073	BATT 1B OUTPUT BKR TO BUS 11B OPEN	2	4	99.
06074	BATT 1D OUTPUT BKR TO BUS 11B CLOSED	2	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06075	DC BUS 11B GROUNDED	2	4	99.
06076	DC BUS 11B VOLT LOW	2	4	99.
06077	BATTERY CHARGER 1D AC SUPPLY LOST	3	4	99.
06078	BATTERY CHARGER 1D DC VOLT LOW	2	4	99.
06079	BATTERY CHARGER 1D DC VOLT HIGH	2	4	99.
06080	BATTERY CHARGER 1D CHARGING AMPS LOW	3	4	99.
06081	BATTERY CHARGER 1D OUTPUT BRK OPEN	3	4	99.
06082	BATT 1D OUTPUT BRK TO BUS 11D OPEN	2	4	99.
06083	BATT 1B OUTPUT BRK TO BUS 11D CLOSED	2	4	99.
06084	DC BUS 11D GROUNDED	2	4	99.
06085	DC BUS 11D VOLT LOW	2	4	99.
06086	BATTERY CHARGER 2A AC SUPPLY FAILED	3	4	99.
06087	BATTERY CHARGER 2A DC VOLTAGE LOW	3	4	99.
06088	BATTERY CHARGER 2A DC VOLTAGE HIGH	3	4	99.
06089	BATTERY CHARGER 2A DC CHG AMPS LO	3	4	99.
06090	BATTERY CHARGER 2A DC BREAKER OPEN	3	4	99.
06091	BATTERY 2A OUTPUT BREAKER OPEN	3	4	99.
06092	BATTERY BUS 12A GROUNDED	3	4	99.
06093	BATTERY BUS 12A VOLTAGE LOW	3	4	99.
06094	DC BUS 11A VOLT LO-LO	1	4	99.
06095	DC BUS 11C VOLT LO-LO	1	4	99.
06096	DC BUS 11B VOLT LO-LO	1	4	99.
06097	DC BUS 11D VOLT LO-LO	1	4	99.
06098	BATTERY BUS 12A VOLTAGE LOW-LOW	3	4	99.
06099	BATTERY CHARGER 2B AC SUPPLY FAILED	3	4	99.
06100	BATTERY CHARGER 2B DC VOLTAGE LOW	3	4	99.
06101	BATTERY CHARGER 2B DC VOLTAGE HIGH	3	4	99.
06102	BATTERY CHARGER 2B DC CHG AMPS LO	3	4	99.
06103	BATTERY CHARGER 2B DC BREAKER OPEN	3	4	99.
06104	BATTERY 2A OUTPUT BREAKER OPEN	3	4	99.
06105	BATTERY BUS 12B GROUNDED	3	4	99.
06106	BATTERY BUS 12B VOLTAGE LOW	3	4	99.
06107	BATTERY BUS 12B VOLTAGE LOW-LOW	3	4	99.
06108	DC DISTRIBUTION PNL 111A POWER LOST	2	4	99.
06109	DC DISTRIBUTION PNL 112A POWER LOST	2	4	99.
06110	DC DISTRIBUTION PNL 111B POWER LOST	2	4	99.
06111	DC DISTRIBUTION PNL 112B POWER LOST	2	4	99.
06112	DC INST PANEL 111B POWER LOST	3	4	99.
06113	DC INST PANEL 121A POWER LOST	3	4	99.
06114	DC INST PANEL 122A POWER LOST	3	4	99.
06115	DC INST PANEL 121B POWER LOST	3	4	99.
06116	DC INST PANEL 122B POWER LOST	3	4	99.
06117	DC DISTRIBUTION PNL 111C POWER LOST	2	4	99.
06118	DC DISTRIBUTION PNL 111D POWER LOST	2	4	99.
06119	BUS E5 LOSS OF POWER	0	5	99.
06120	BUS E5 VOLTAGE LOW	0	5	99.
06121	BUS E5 SIMULATED LOSS OF POWER	3	4	99.
06122	BUS E5 LOSS OF POWER TEST	3	4	99.
06123	BUS E5 SIMULATED VOLTAGE LOW	3	4	99.
06124	BUS E5 VOLTAGE LOW TEST	3	4	99.
06125	BUS 11 VOLTAGE LOW	3	4	99.
06126	BUS 12 VOLTAGE LOW	3	4	99.
06127	BUS 13 VOLTAGE LOW	3	4	99.
06128	BUS 14 VOLTAGE LOW	3	4	99.
06129	BUS 15 VOLTAGE LOW	3	4	99.



## ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

REV. NO. 46.

POINT	DESCRIPTION	PRIOR	DST	REV.
06136	BUS 16 VOLTAGE LOW	3	4	99.
06137	BUS 21 VOLTAGE LOW	3	4	99.
06138	BUS 23 VOLTAGE LOW	3	4	99.
06139	BUS 24 VOLTAGE LOW	3	4	99.
06174	BUS 25 VOLTAGE LOW	3	4	99.
06135	BUS 26 VOLTAGE LOW	3	4	99.
06136	BUS 27 VOLTAGE LOW	3	4	99.
06157	BUS E51 VOLT LOW	2	4	99.
06158	BUS E52 VOLT LOW	2	4	99.
06159	BUS E53 VOLT LOW	2	4	99.
06146	MCC 515 FEEDER BREAKER OPEN	2	4	99.
06141	BUS E61 VOLT LOW	2	4	99.
06142	BUS E62 VOLT LOW	2	4	99.
06143	BUS E63 VOLT LOW	2	4	99.
06144	BUS E64 VOLT LOW	2	4	99.
06145	BUS 11 GROUNDED	3	4	99.
06146	BUS 12 GROUNDED	3	4	99.
06147	BUS 13 GROUNDED	3	4	99.
06148	BUS 14 GROUNDED	3	4	99.
06149	BUS 15 GROUNDED	3	4	99.
06150	BUS 17 GROUNDED	3	4	99.
06151	BUS 21 GROUNDED	3	4	99.
06152	BUS 23 GROUNDED	3	4	99.
06153	BUS 24 GROUNDED	3	4	99.
06154	BUS 25 GROUNDED	3	4	99.
06155	BUS 26 GROUNDED	3	4	99.
06156	BUS 27 GROUNDED	3	4	99.
06157	BUS E51 GROUNDED	2	4	99.
06158	BUS E52 GROUNDED	2	4	99.
06159	BUS E53 GROUNDED	2	4	99.
06160	MCC E615 FEEDER BREAKER OPEN	2	4	99.
06161	BUS E61 GROUNDED	2	4	99.
06162	BUS E62 GROUNDED	2	4	99.
06163	BUS E63 GROUNDED	2	4	99.
06164	BUS E64 GROUNDED	2	4	99.
06165	MCC E511 FEEDER BREAKER OPEN	2	4	99.
06166	MCC E512 FEEDER BREAKER OPEN	2	4	99.
06167	MCC E514 FEEDER BREAKER OPEN	2	4	99.
06168	MCC E521 FEEDER BREAKER OPEN	2	4	99.
06169	MCC E531 FEEDER BREAKER OPEN	2	4	99.
06170	MCC E532 FEEDER BREAKER OPEN	2	4	99.
06171	MCC E512 FEEDER BREAKER OPEN	2	4	99.
06172	MCC E611 FEEDER BREAKER OPEN	2	4	99.
06173	MCC E612 FEEDER BREAKER OPEN	2	4	99.
06174	MCC E614 FEEDER BREAKER OPEN	2	4	99.
06175	MCC E621 FEEDER BREAKER OPEN	2	4	99.
06176	MCC E631 FEEDER BREAKER OPEN	2	4	99.
06177	MCC E641 FEEDER BREAKER OPEN	2	4	99.
06178	BUS 11 DC CONTROL POWER LOST	3	4	99.
06179	BUS 12 DC CONTROL POWER LOST	3	4	99.
06180	BUS 13 DC CONTROL POWER LOST	3	4	99.
06181	BUS 14 DC CONTROL POWER LOST	3	4	99.
06182	BUS 15 DC CONTROL POWER LOST	3	4	99.
06183	BUS 21 DC CONTROL POWER LOST	3	4	99.
06184	BUS 23 DC CONTROL POWER LOST	3	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06185	BUS 24 DC CONTROL POWER LOST	3	4	99.
06186	BUS 25 DC CONTROL POWER LOST	3	4	99.
06187	BUS 26 DC CONTROL POWER LOST	3	4	99.
06188	BUS E51 DC CONTROL POWER LOST	2	4	99.
06189	BUS E52 DC CONTROL POWER LOST	2	4	99.
06190	BUS E53 DC CONTROL POWER LOST	2	4	99.
06191	BUS E5 SIMULATED LOSS OF POWER TRIP	3	4	99.
06192	BUS E61 DC CONTROL POWER LOST	2	4	99.
06193	BUS E62 DC CONTROL POWER LOST	2	4	99.
06194	BUS E63 DC CONTROL POWER LOST	2	4	99.
06195	BUS E64 DC CONTROL POWER LOST	2	4	99.
06196	BUS 11 TRANSFORMER 4A TEMP HIGH	3	4	99.
06197	BUS 12 TRANSFORMER 4B TEMP HIGH	3	4	99.
06198	BUS 13 TRANSFORMER 4C TEMP HIGH	3	4	99.
06199	BUS 14 TRANSFORMER 4D TEMP HIGH	3	4	99.
06200	BUS 15 TRANSFORMER 4E TEMP HIGH	3	4	99.
06201	BUS 16 TRANSFORMER 4F TEMP HIGH	3	4	99.
06202	BUS 21 TRANSFORMER 4G TEMP HIGH	3	4	99.
06203	BUS 23 TRANSFORMER 4H TEMP HIGH	3	4	99.
06204	BUS 24 TRANSFORMER 4I TEMP HIGH	3	4	99.
06205	BUS 25 TRANSFORMER 4J TEMP HIGH	3	4	99.
06206	BUS 26 TRANSFORMER 4K TEMP HIGH	3	4	99.
06207	BUS 27 TRANSFORMER 4L TEMP HIGH	3	4	99.
06208	BUS E51 TRANSFORMER TEMP HIGH	2	4	99.
06209	BUS E52 TRANSFORMER TEMP HIGH	2	4	99.
06210	BUS E53 TRANSFORMER TEMP HIGH	2	4	99.
06211	PAH FAN-42A SS IN LOCAL (PCCW AREA)	3	2	99.
06212	BUS E61 TRANSFORMER TEMP HIGH	2	4	99.
06213	BUS E62 TRANSFORMER TEMP HIGH	2	4	99.
06214	BUS E63 TRANSFORMER TEMP HIGH	2	4	99.
06215	BUS E64 TRANSFORMER TEMP HIGH	2	4	99.
06216	BUS E51 INCOMING LINE BRK CLOSED	0	5	99.
06217	BUS E52 INCOMING LINE BRK CLOSED	0	5	99.
06218	BUS E53 INCOMING LINE BRK CLOSED	0	5	99.
06219	BUS E61 INCOMING LINE BRK CLOSED	0	5	99.
06220	BUS E62 INCOMING LINE BRK CLOSED	0	5	99.
06221	BUS E63 INCOMING LINE BRK CLOSED	0	5	99.
06222	BUS E52 TO BUS E53 TIE BRK CLOSED	0	5	99.
06223	PAH FAN-42B SS IN LOCAL (PCCW AREA)	3	2	99.
06224	NON VITAL UPS 2A SUPPLY BRK CLOSED	0	5	99.
06225	BUS E53 TO BUS L51 TIE BRK CLOSED	0	5	99.
06226	BUS E62 TO BUS F61 TIE BRK CLOSED	0	5	99.
06227	NON VITAL UPS 2B SUPPLY BRK CLOSED	0	5	99.
06228	BUS E63 TO BUS F61 TIE BRK CLOSED	0	5	99.
06229	BUS 16 DC CONTROL POWER LOST	3	4	99.
06230	BUS 11 INCOMING LINE BREAKER CLOSED	0	5	99.
06231	BUS 12 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06232	BUS 13 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06233	BUS 14 INCOMING LINE BREAKER CLOSED	0	5	99.
06234	BUS 15 INCOMING LINE BREAKER CLOSED	0	5	99.
06235	BUS 16 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06236	BUS 21 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06237	BUS 23 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06238	BUS 24 INCOMING LN & TIE BRKS CLOSED	0	5	99.
06239	BUS 25 INCOMING LINE BREAKER CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06240	BUS 26 INCOMING LINE BREAKER CLOSED	0	5	99.
06241	BUS 24 INCOMING LINE BKR CLOSED	0	5	99.
06242	MCC E522 FEEDER BREAKER OPEN	0	5	99.
06243	MCC E422 FEEDER BREAKER OPEN	0	5	99.
06244	SI-CVCS NORMAL HEAT TRACING FAILED	2	1	99.
06245	SI-CVCS BACKUP HEAT TRACING FAILED	2	1	99.
06246	SW TRN A NORMAL HEAT TRACING FAILED	2	3	99.
06247	SW TRN A BACKUP HEAT TRACING FAILED	2	3	99.
06248	SW TRN B NORMAL HEAT TRACING FAILED	2	3	99.
06249	SW TRN B BACKUP HEAT TRACING FAILED	2	3	99.
06250	BUS 1 UAT INCOMING LINE BKR CLOSED	0	5	99.
06251	BUS 1 RAT INCOMING LINE BKR CLOSED	0	5	99.
06252	BUS 11 FEEDER BREAKER CLOSED	0	5	99.
06253	BUS 10 FEEDER BREAKER CLOSED	0	5	99.
06254	BUS 13 FEEDER BREAKER CLOSED	0	5	99.
06255	BUS 14 FEEDER BREAKER CLOSED	0	5	99.
06256	BUS 15 FEEDER BREAKER CLOSED	0	5	99.
06257	BUS 16 FEEDER BREAKER CLOSED	0	5	99.
06258	BUS 1 UAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06259	BUS 1 RAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06260	BUS 11 FEEDER BREAKER TRIP & L/O	3	4	99.
06261	BUS 12 FEEDER BREAKER TRIP & L/O	3	4	99.
06262	BUS 13 FEEDER BREAKER TRIP & L/O	3	4	99.
06263	BUS 14 FEEDER BREAKER TRIP & L/O	2	4	99.
06264	BUS 15 FEEDER BREAKER TRIP & L/O	3	4	99.
06265	BUS 16 FEEDER BREAKER TRIP & L/O	3	4	99.
06266	BUS 1 UNDERVOLTAGE TRIP	3	4	99.
06267	BUS 1 DC CONTROL POWER LOST	3	4	99.
06268	BUS 1 RAT INCOMING LINE VOLTAGE LOW	3	4	99.
06269	BUS 1 RAT BKR CLOSING CKT INOP	3	4	99.
06270	BUS 2 UAT INCOMING LINE BKR CLOSED	0	5	99.
06271	BUS 2 RAT INCOMING LINE BKR CLOSED	0	5	99.
06272	BUS 21 FEEDER BREAKER CLOSED	0	5	99.
06273	BUS 23 FEEDER BREAKER CLOSED	0	5	99.
06274	BUS 24 FEEDER BREAKER CLOSED	0	5	99.
06275	BUS 25 FEEDER BREAKER CLOSED	0	5	99.
06276	BUS 26 FEEDER BREAKER CLOSED	0	5	99.
06277	BUS 27 FEEDER BREAKER CLOSED	0	5	99.
06278	BUS 2 UAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06279	BUS 2 RAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06280	BUS 21 FEEDER BREAKER TRIP & L/O	3	4	99.
06281	BUS 23 FEEDER BREAKER TRIP & L/O	3	4	99.
06282	BUS 24 FEEDER BREAKER TRIP & L/O	3	4	99.
06283	BUS 25 FEEDER BREAKER TRIP & L/O	3	4	99.
06284	BUS 26 FEEDER BREAKER TRIP & L/O	3	4	99.
06285	BUS 27 FEEDER BREAKER TRIP & L/O	3	4	99.
06286	BUS 2 UNDERVOLTAGE TRIP	3	4	99.
06287	BUS 2 DC CONTROL POWER LOST	3	4	99.
06288	BUS 2 RAT INCOMING LINE VOLTAGE LOW	3	4	99.
06289	BUS 2 RAT BKR CLOSING CKT INOP	3	4	99.
06290	BUS 1 & RAT INC LINE OUT OF SYNC	3	4	99.
06291	BUS 2 & RAT INC LINE OUT OF SYNC	3	4	99.
06292	SRS NORMAL HEAT TRACING FAILED	3	2	99.
06293	SRS BACKUP HEAT TRACING FAILED	3	2	99.
06294	WL-WS NORMAL HEAT TRACING FAILED	3	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06295	WL-WS BACKUP HEAT TRACING FAILED	3	2	99.
06296	SP NORMAL HEAT TRACING FAILED	3	2	99.
06297	SP BACKUP HEAT TRACING FAILED	3	2	99.
06298	AUX SYSTEMS HEAT TRACING FAILED	3	3	99.
06300	BUS 3 UAT INCOMING LINE BKR CLOSED	0	5	99.
06301	BUS 3 RAT INCOMING LINE BKR CLOSED	0	5	99.
06302	BUS 3 UAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06303	BUS 3 RAT INC LN BKR TRIP & LOCK OUT	2	4	99.
06304	BUS 3 RAT INCOMING LINE VOLTAGE LOW	3	4	99.
06305	BUS 3 RAT CLOSING CKT INOP	3	4	99.
06306	BUS 3 UNDERVOLTAGE TRIP	2	4	99.
06307	BUS 3 DC CONTROL POWER LOST	3	4	99.
06308	BUS 3 LOAD FEEDER GROUNDED	3	4	99.
06309	BUS 3 GROUNDED	0	5	99.
06310	BUS 4 UAT INCOMING LINE BKR CLOSED	0	5	99.
06311	BUS 4 RAT INCOMING LINE BKR CLOSED	0	5	99.
06312	BUS 4 UAT INC LN BKR TRIP & LOCK OUT	3	4	99.
06313	BUS 4 RAT INC LN BKR TRIP & LOCK OUT	2	4	99.
06314	BUS 4 RAT INCOMING LINE VOLTAGE LOW	3	4	99.
06315	BUS 4 RAT BKR CLOSING CKT INOP	3	4	99.
06316	BUS 4 UNDERVOLTAGE TRIP	2	4	99.
06317	BUS 4 DC CONTROL POWER LOST	3	4	99.
06318	BUS 4 LOAD FEEDER GROUNDED	3	4	99.
06319	BUS 4 GROUNDED	3	4	99.
06320	FIRE PMP HOUSE LC3 BREAKER CLOSED	0	5	99.
06321	FIRE PMP HOUSE LC3 BKR TRIP & L/O	3	4	99.
06322	BUS E4 UAT INCOMING LINE BKR CLOSED	0	5	99.
06323	BUS E5 RAT INCOMING LINE BKR CLOSED	0	5	99.
06324	BUS E6 FEEDER BREAKER CLOSED	0	5	99.
06325	BUS E52 FEEDER BREAKER CLOSED	0	5	99.
06326	BUS E53 FEEDER BREAKER CLOSED	0	5	99.
06327	BUS E5 SIMULATED LOW VOLT TRIP	3	4	99.
06328	BUS E5 TIME DELAY LOSS OF VOLT TRIP	2	4	99.
06329	BUS E5 UAT INC LN BKR TRIP & L/O	2	4	99.
06330	BUS E5 RAT INC LN BKR TRIP & L/O	2	4	99.
06331	BUS E51 FEEDER BREAKER TRIP & L/O	2	4	99.
06332	BUS E52 FEEDER BREAKER TRIP & L/O	2	4	99.
06333	BUS E53 FEEDER BREAKER TRIP & L/O	2	4	99.
06334	BUS E5 TIME DELAY SI LOW VOLT TRIP	3	4	99.
06335	BUS E5 UNDERVOLTAGE TRIP	0	5	99.
06336	BUS E5 DC CONTROL POWER LOST	2	4	99.
06337	BUS E5 RAT INCOMING LINE VOLT LOW	2	4	99.
06338	BUS E5 RAT CLOSING CIRCUIT INOP	2	4	99.
06339	BUS E5 RAT INC LN PROT RLYS OPERATED	2	4	99.
06340	BUS E5 FEEDER GROUNDED	2	4	99.
06341	BUS E5 NON SEGREGATED BUS GROUNDED	0	5	99.
06342	BUS E5 GROUNDED	0	5	99.
06343	BUS E6 LOSS OF POWER	3	4	99.
06344	BUS E6 VOLTAGE LOW	3	4	99.
06345	BUS E6 UAT INCOMING LINE BKR CLOSED	0	5	99.
06346	BUS E6 NON SEGREGATED BUS GROUNDED	0	5	99.
06347	BUS E61 FEEDER BREAKER CLOSED	0	5	99.
06348	BUS E62 FEEDER BREAKER CLOSED	0	5	99.
06349	BUS E63 FEEDER BREAKER CLOSED	0	5	99.
06350	BUS E64 FEEDER BREAKER CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06351	BUS E6 SIMULATED LOSS OF POWER	3	4	99.
06352	BUS E6 UAT INC LN BKR TRIP & L/O	2	4	99.
06353	BUS E5 RAT INC LN BKR TRIP & L/O	2	4	99.
06354	BUS E41 FEEDER BREAKER TRIP & L/O	2	4	99.
06355	BUS E62 FEEDER BREAKER TRIP & L/O	2	4	99.
06356	BUS E63 FEEDER BREAKER TRIP & L/O	2	4	99.
06357	BUS E64 FEEDER BREAKER TRIP & L/O	2	4	99.
06358	BUS E6 UNDERVOLTAGE TRIP	0	5	99.
06359	BUS E5 DC CONTROL POWER LOST	2	4	99.
06360	BUS E6 RAT INCOMING LINE VOLT LOW	2	4	99.
06361	BUS E6 RAT CLOSING CIRCUIT INOP	2	4	99.
06362	BUS E6 RAT INC LN PROT PLYS OPERATED	2	4	99.
06363	BUS E6 FEEDER GROUNDED	2	4	99.
06364	BUS E5 NON SEGREGATED BUS GROUNDED	0	5	99.
06365	BUS E6 GROUNDED	0	5	99.
06366	BUS E6 LOSS OF POWER TEST	3	4	99.
06367	BUS E6 SIMULATED VOLTAGE LOW	3	4	99.
06368	BUS 3 & RAT INC LINE OUT OF SYNC	3	4	99.
06369	BUS 3 RAT DR UAT INC LINE GROUNDED	0	5	99.
06370	BUS 4 & RAT INC LINE OUT OF SYNC	3	4	99.
06371	BUS 4 RAT DR UAT INC LINE GROUNDED	0	5	99.
06372	BUS E5 & UAT/RAT INC LN NOT IN SYNC	2	4	99.
06373	BUS E5 DC 1A INCOMING LINE GROUNDED	0	5	99.
06374	DC A FIELD LOST	1	4	99.
06375	BUS E6 DC 1b INCOMING LINE GROUNDED	0	5	99.
06376	BUS E5 UAT INC LN PROT PLYS OPERATED	2	4	99.
06377	BUS E6 & UAT/RAT INC LN NOT IN SYNC	2	4	99.
06378	DC B FIELD LOST	1	4	99.
06379	BUS E5 VOLTAGE LOW	0	5	99.
06380	BUS E6 VOLTAGE LOW	0	5	99.
06381	BUS E5 UAT INC LN PROT PLYS OPERATED	2	4	99.
06382	BUS E5 UAT INC LN BKR CS IN LOCAL	2	4	99.
06383	BUS E5 RAT INC LN BKR CS IN LOCAL	2	4	99.
06384	DC A BACKUP TRIP PROT BYPASSED	0	5	99.
06385	DC A BU TRIP PROT BYP CKT IN TEST	3	4	99.
06386	BUS E51 FEEDER BKR CS IN LOCAL	0	5	99.
06387	BUS E52 FEEDER BKR CS IN LOCAL	0	5	99.
06388	BUS E53 FEEDER BKR CS IN LOCAL	0	5	99.
06389	BUS E522 FEEDER BKR CS IN LOCAL	2	4	99.
06390	BUS E6 UAT INC LN BKR CS IN LOCAL	2	4	99.
06391	BUS E6 RAT INC LN BKR CS IN LOCAL	2	4	99.
06392	DC B BACKUP TRIP PROT BYPASSED	0	5	99.
06393	DC B BU TRIP PROT BYP CKT IN TEST	3	4	99.
06394	BUS E61 FEEDER BKR CS IN LOCAL	2	4	99.
06395	BUS E62 FEEDER BKR CS IN LOCAL	2	4	99.
06396	BUS E63 FEEDER BKR CS IN LOCAL	2	4	99.
06397	BUS E64 FEEDER BKR CS IN LOCAL	2	4	99.
06398	BUS E622 FEEDER BKR CS IN LOCAL	2	4	99.
06399	BUS E5 VOLTAGE LOW TEST	0	5	99.
06400	GENERATOR BREAKER CLOSED	0	5	99.
06401	GEN BKR LOCAL ANNUNCIATOR POWER LOST	3	4	99.
06402	GEN BKR AIR COMPRESSOR A TROUBLE	3	4	99.
06403	GEN BKR AIR COMPRESSOR B TROUBLE	3	4	99.
06404	GEN BKR HIGH PRESS AIR SYS PRESS LOW	3	4	99.
06405	GEN BKR CLOSING AIR PRESSURE LOW	3	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06406	GEN BRK CLOSING AIR PRESSURE LO-LO	3	4	99.
06407	GEN BRK TRIPPING AIR PRESSURE LO-LO	3	4	99.
06408	GEN BRK SYS 1 POLE DISAGREEMENT	2	4	99.
06409	GEN BRK SYS 2 POLE DISAGREEMENT	2	4	99.
06410	GEN BRK TRIP SYS 1 DC CTL PWR LOST	2	4	99.
06411	GEN BRK TRIP SYS 2 DC CTL PWR LOST	2	4	99.
06412	GEN BRK CLG BNK 1 OVERLOAD	3	4	99.
06413	GEN BRK CLG BNK 2 OVERLOAD	3	4	99.
06415	GEN BRK SEL SWITCH IN REMOTE	0	5	99.
06416	GEN BRK PRE PROT RELAY TRIP & L/O	2	4	99.
06417	GEN BRK BACKUP PROT RELAY TRIP & L/O	2	4	99.
06418	GEN POTENTIAL TRANS FUSE BLOWN	3	4	99.
06419	GEN POTENTIAL TRANS FUSE BLOWN	3	4	99.
06420	GENERATOR NEUTRAL VOLTS HIGH	2	4	99.
06421	GEN NEGATIVE SEQUENCE CURRENT HIGH	2	4	99.
06422	GEN STATOR WINDING TEMPERATURE HIGH	2	4	99.
06423	GENERATOR COLD HYDROGEN TEMP HIGH	2	4	99.
06424	GEN HOT AIR TEMPERATURE HIGH	2	4	99.
06425	GEN BEARING TEMP HIGH	2	4	99.
06426	GEN VIBRATION HIGH	2	4	99.
06427	GENERATOR COOLING WATER LOST	2	4	99.
06428	GEN OIL DRAIN TEMP HIGH	2	4	99.
06429	GEN HOT HYDROGEN PASS TEMP HIGH	2	4	99.
06430	GEN COLD HYDROGEN PASS TEMP HIGH	2	4	99.
06431	SPARE GSI TROUBLE	3	4	99.
06434	GEN SHAFT GND VOLT MONITOR TROUBLE	3	4	99.
06435	EXCITER BREAKER AUTOMATIC TRIP	2	4	99.
06436	EXCITER FIELD CURRENT HIGH	2	4	99.
06437	GENERATOR FIELD GROUNDED	3	4	99.
06438	GEN FIELD VOLTAGE HIGH	3	4	99.
06439	EXCITER FIELD GROUNDED	3	4	99.
06440	GEN VOLTAGE TO HERTZ RATIO HIGH	2	4	99.
06442	EXCITER EXCITATION LOW	2	4	99.
06443	100 BUS DUCT CLR A WATER FLOW LOW	3	4	99.
06444	150 BUS DUCT CLR B WATER FLOW LOW	3	4	99.
06445	150 BUS DUCT CLR A AIR FLOW LOW	3	4	99.
06446	150 BUS DUCT TEMPERATURE HIGH	3	4	99.
06447	150 BUS DUCT CLR A AIR TEMP HIGH	3	4	99.
06448	150 BUS DUCT CLR B AIR TEMP HIGH	3	4	99.
06449	150 BUS DUCT FAN A MOTOR OVERLOAD	3	4	99.
06450	150 BUS DUCT FAN B MOTOR OVERLOAD	3	4	99.
06451	25KV BUS GROUNDED	2	4	99.
06452	GSU PROT SYS 1 TRIP & LOCK OUT	3	4	99.
06453	GSU PROT SYS 2 TRIP & LOCK OUT	3	4	99.
06454	UAT 2A PROT SYS 1 TRIP & LOCK OUT	3	4	99.
06455	UAT 2A PROT SYS 2 TRIP & LOCK OUT	3	4	99.
06456	UAT 2B PROT SYS 1 TRIP & LOCK OUT	3	4	99.
06457	UAT 2B PROT SYS 2 TRIP & LOCK OUT	3	4	99.
06458	RAT 3A PROT SYS 1 TRIP & LOCK OUT	3	4	99.
06459	RAT 3A PROT SYS 2 TRIP & LOCK OUT	3	4	99.
06460	RAT 3B PROT SYS 1 TRIP & LOCK OUT	3	4	99.
06461	RAT 3B PROT SYS 2 TRIP & LOCK OUT	3	4	99.
06462	GSU FAULT PRESS RELAY ACTUATED	2	4	99.
06463	GSU COMBUSTIBLE GAS CONCENTRATION HI	2	4	99.
06464	GSU OIL TEMPERATURE HIGH	2	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06465	DSU WINDING TEMPERATURE HIGH	2	4	99.
06466	DSU OIL LEVEL LOW	2	4	99.
06467	DSU CONTROL POWER LOST	3	4	99.
06468	DSU OIL FLOW LOW	2	4	99.
06469	DSU PRESSURE RELIEF ACTUATED	2	4	99.
06470	DSU COOLING EQUIPMENT OFF	3	4	99.
06471	DSU DC ANNUNCIATOR POWER LOST	3	4	99.
06472	UAT 7A TANK PRESSURE HIGH	2	4	99.
06473	UAT 2A TANK PRESSURE LOW	3	4	99.
06474	UAT 2A FAULT PRESS RELAY ACTUATED	2	4	99.
06475	UAT 2A OIL TEMPERATURE HIGH	2	4	99.
06476	UAT 2A WINDING TEMPERATURE HIGH	2	4	99.
06477	UAT 2A CONTROL POWER LOST	3	4	99.
06478	UAT 2A OIL LEVEL LOW	2	4	99.
06479	UAT 2A PRESSURE RELIEF ACTUATED	2	4	99.
06480	UAT 2A COOLING EQUIPMENT OFF	3	4	99.
06481	UAT 2A DC ANNUNCIATOR POWER LOST	3	4	99.
06482	UAT 2B TANK PRESSURE HIGH	2	4	99.
06483	UAT 2B TANK PRESSURE LOW	3	4	99.
06484	UAT 2B FAULT PRESS RELAY ACTUATED	2	4	99.
06485	UAT 2B OIL TEMPERATURE HIGH	2	4	99.
06486	UAT 2B WINDING TEMPERATURE HIGH	2	4	99.
06487	UAT 2B CONTROL POWER LOST	3	4	99.
06488	UAT 2B OIL LEVEL LOW	2	4	99.
06489	UAT 2B PRESSURE RELIEF ACTUATED	2	4	99.
06490	UAT 2B COOLING EQUIPMENT OFF	3	4	99.
06491	UAT 2B DC ANNUNCIATOR POWER LOST	3	4	99.
06492	RAT 3A TANK PRESSURE LOW	3	4	99.
06493	RAT 3A TANK PRESSURE HIGH	2	4	99.
06494	RAT 3A FAULT PRESSURE RELAY ACTUATED	2	4	99.
06495	RAT 3A OIL TEMPERATURE HIGH	2	4	99.
06496	RAT 3A WINDING TEMPERATURE HIGH	2	4	99.
06497	RAT 3A CTL PWR LOST OR FLG SWCH OFF	3	4	99.
06498	RAT 3A OIL LEVEL LOW	2	4	99.
06499	RAT 3A PRESSURE RELIEF ACTUATED	2	4	99.
06500	RAT 3A COOLING EQUIPMENT OFF	0	5	99.
06501	RAT 3A DC ANNUNCIATOR POWER LOST	3	4	99.
06502	RAT 3B TANK PRESSURE LOW	3	4	99.
06503	RAT 3B TANK PRESSURE HIGH	2	4	99.
06504	RAT 3B FAULT PRESSURE RELAY ACTUATED	2	4	99.
06505	RAT 3B OIL TEMPERATURE HIGH	2	4	99.
06506	RAT 3B WINDING TEMPERATURE HIGH	2	4	99.
06507	RAT 3B CTL PWR LOST OR FLG SWCH OFF	3	4	99.
06508	RAT 3B OIL LEVEL LOW	2	4	99.
06509	RAT 3B PRESSURE RELIEF ACTUATED	2	4	99.
06510	RAT 3B COOLING EQUIPMENT OFF	0	5	99.
06511	RAT 3B DC ANNUNCIATOR POWER LOST	3	4	99.
06512	GEN BREAKER TRIPPING PRESSURE LOW	3	4	99.
06513	GEN BKR OPERATING AIR PRESS LOW	3	4	99.
06514	GEN BKR PHASE A SYS 1 TRIP COIL OPEN	0	5	99.
06515	GEN BKR PHASE B SYS 1 TRIP COIL OPEN	0	5	99.
06516	GEN BKR PHASE C SYS 1 TRIP COIL OPEN	0	5	99.
06517	GEN BKR PHASE A SYS 2 TRIP COIL OPEN	0	5	99.
06518	GEN BKR PHASE B SYS 2 TRIP COIL OPEN	0	5	99.
06519	GEN BKR PHASE C SYS 2 TRIP COIL OPEN	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06500	GEN BKR AIR COMP DISCH PRESSURE LOW	3	4	99.
06501	GEN BKR PHASE A CLR AIR TEMP HIGH	3	4	99.
06502	GEN BKR PHASE B CLR AIR TEMP HIGH	3	4	99.
06503	GEN BKR PHASE C CLR AIR TEMP HIGH	3	4	99.
06504	GEN BKR PHASE A CLR AIR TEMP HI-HI	3	4	99.
06505	GEN BKR PHASE B CLR AIR TEMP HI-HI	3	4	99.
06506	GEN BKR PHASE C CLR AIR TEMP HI-HI	3	4	99.
06507	GEN BKR STANDBY AIR COMP AUTO START	3	4	99.
06508	GEN BKR STANDBY COOLER TROUBLE	3	4	99.
06509	GSU AUXILIARY POWER LOST	3	4	99.
06510	GSU COOLING POWER LOST	3	4	99.
06511	HAT 2A AUXILIARY POWER LOST	3	4	99.
06512	HAT 2A COOLING POWER LOST	3	4	99.
06513	HAT 2B AUXILIARY POWER LOST	3	4	99.
06514	HAT 2B COOLING POWER LOST	3	4	99.
06515	HAT 3A AUXILIARY POWER LOST	3	4	99.
06516	HAT 3A COOLING POWER LOST	3	4	99.
06517	HAT 3B AUXILIARY POWER LOST	3	4	99.
06518	HAT 3B COOLING POWER LOST	3	4	99.
06519	GEN EXCITATION LEVEL HIGH	2	4	99.
06520	GEN EXCITER PHASE FAULT	2	4	99.
06521	GEN BKR SYS 1 FAILURE TRIP & L/O	2	4	99.
06522	GEN BKR SYS 2 FAILURE TRIP & L/O	2	4	99.
06523	GEN BKR SYS 1 PROTECTIVE RELAY TRIP	2	4	99.
06524	GEN BKR SYS 2 PROTECTIVE RELAY TRIP	2	4	99.
06525	GEN TRIP & LOCK OUT	2	4	99.
06526	GEN BKR PHASE A CLOSE COIL OPEN	0	5	99.
06527	GEN BKR PHASE B CLOSE COIL OPEN	0	5	99.
06528	GEN BKR PHASE C CLOSE COIL OPEN	0	5	99.
06529	DG A START FAILED	1	4	99.
06530	DG A STARTING AIR PRESSURE LO-LO	0	5	99.
06531	DG A CRANKCASE PRESSURE HIGH	2	4	99.
06532	DG A ENGINE OVERSPEED	1	4	99.
06533	DG A ENGINE VIBRATION HIGH	1	4	99.
06534	DG A AUTO START	2	4	99.
06535	DG A CONTROL SWITCH IN MAINTENANCE	0	5	99.
06536	DG A CONTROL POWER LOSS	0	5	99.
06537	DG A LUKE OIL PRESSURE LOW	1	4	99.
06538	DG A SELECT SWITCH IN LOCAL	3	4	99.
06539	DG A AUX FUEL OIL PUMP RUNNING	3	4	99.
06540	DG A AUX LUKE OIL PUMP RUNNING	3	4	99.
06541	DG A COOLING PUMP RUNNING	3	4	99.
06542	DG A GENERATOR VIBRATION HIGH	2	4	99.
06543	DG A LUKE OIL LEVEL LOW	2	4	99.
06544	DG A FUEL OIL DAY TANK LEVEL LOW	2	4	99.
06545	DG A FUEL OIL PRESSURE LOW	2	4	99.
06546	DG A SPEED EQUALS 775 RPM	0	5	99.
06547	DG A ROCKER ARM LUKE OIL PRESS LOW	2	4	99.
06548	DG A LUKE OIL TEMP HIGH	2	4	99.
06549	DG A BACKUP AUXILIARY INOP	2	4	99.
06550	DG A WATER JACKET TEMP HIGH	2	4	99.
06551	DG A FUEL OIL DAY TANK INOP	0	5	99.
06552	DG A GENERATOR WINDING TEMP HIGH	2	4	99.
06553	DG A GENERATOR STATOR TEMP HIGH	2	4	99.
06554	DG A LUKE OIL TEMP LOW	2	4	99.



ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
06576	06 A WATER JACKET PRESSURE LOW	2	4	99.
06577	06 A WATER JACKET TEMP LOW	2	4	99.
06578	06 A NOT OPERATIONAL	0	5	99.
06579	06 A TROUBLE	2	4	99.
06584	06 A FUEL OIL STORAGE TANK LVL LOW	2	4	99.
06585	06 A FUEL OIL STORAGE TANK LVL LO-LO	2	4	99.
06586	06 X BARRING DEVICE ENGAGED	0	5	99.
06588	06 A LOSS OF POWER/CLUCK FAULT	0	5	99.
06591	06 A RMO RELAY RESET	0	5	99.
06592	06 A SI LOADING STARTED	0	5	99.
06593	06 A LOAD SEQUENCE STARTED	0	5	99.
06594	06 A STEP 1 INITIATED	0	5	99.
06595	06 A STEP A INITIATED	0	5	99.
06596	06 A ACTIVATED	0	5	99.
06597	06 A MAN TEST PERMITTED	0	5	99.
06598	06 A STEP 0 TEST START	0	5	99.
06599	06 A STEP 1 TEST	0	5	99.
06600	06 B START FAILED	1	4	99.
06601	06 B STARTING AIR PRESSURE LO-LO	0	5	99.
06602	06 B CRANKCASE PRESSURE HIGH	2	4	99.
06603	06 B ENGINE OVERSPEED	1	4	99.
06604	06 B ENGINE VIBRATION HIGH	1	4	99.
06605	06 B AUTO START	2	4	99.
06606	06 B CONTROL SWITCH IN MAINTENANCE	0	5	99.
06607	06 B CONTROL POWER LOSS	0	5	99.
06608	06 B LOSE OIL PRESSURE LOW	1	4	95.
06609	06 B SELECTOR SWITCH IN LOCAL	3	4	95.
06610	06 B AUX FUEL OIL PUMP RUNNING	3	4	99.
06611	06 B AUX LOSE OIL PUMP RUNNING	3	4	99.
06612	06 B AUX COOLING PUMP RUNNING	3	4	99.
06613	06 B GENERATOR VIBRATION HIGH	2	4	99.
06614	06 B LOSE OIL LEVEL LOW	2	4	99.
06615	06 B FUEL OIL DAY TANK LEVEL LOW	2	4	99.
06616	06 B FUEL OIL PRESSURE LOW	2	4	99.
06617	06 B SPEED EQUALS 275 RPM	0	5	99.
06618	06 B ROCKER ARM LUBE OIL PRESS LOW	2	4	99.
06619	06 B LOSE OIL TEMP HIGH	2	4	99.
06620	06 B BACKUP AUXILIARY INOP	2	4	99.
06621	06 B WATER JACKET TEMP HIGH	2	4	99.
06622	06 B FUEL OIL DAY TANK INOP	0	5	99.
06623	06 B GENERATOR BEARING TEMP HIGH	2	4	99.
06624	06 B GENERATOR STATOR TEMP HIGH	2	4	99.
06625	06 B LOSE OIL TEMP LOW	2	4	99.
06626	06 B WATER JACKET PRESSURE LOW	2	4	95.
06627	06 B WATER JACKET TEMP LOW	2	4	95.
06628	06 B NOT OPERATIONAL	0	5	99.
06629	06 B TROUBLE	2	4	99.
06630	06 D FUEL OIL STORAGE TANK LEVEL LOW	2	4	99.
06631	06 B FUEL OIL STORAGE TANK LVL LO-LO	2	4	99.
06632	06 B BARRING DEVICE ENGAGED	0	5	99.
06633	06 B LOSS OF POWER/CLUCK FAULT	0	5	99.
06634	06 B RMO RELAY RESET	0	5	99.
06635	06 B SI LOADING STARTED	0	5	99.
06636	06 B LOAD SEQUENCE STARTED	0	5	99.
06637	06 B STEP 1 INITIATED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
06645	EPS B STEP 8 INITIATED	0	5	99.
06646	EPS B ACTIVATED	0	5	99.
06647	EPS B MAN TEST PERMITTED	0	5	99.
06648	EPS B STEP 6 TEST START	0	5	99.
06649	EPS B STEP 1 TEST	0	5	99.
06650	345KV BKR AUTOMATIC TRIP	3	4	99.
06651	345KV BKR SYS 1 TRIP CKT TROUBLE	3	4	99.
06652	345KV BKR SYS 2 TRIP CKT TROUBLE	3	4	99.
06653	345KV CLOSING CONTROL ABNORMAL	3	4	99.
06654	345KV BKR HPZLP GAS SYSTEM TROUBLE	2	4	99.
06655	345KV BKR AIR SYS TROUBLE	3	4	99.
06656	345KV BKR SEL SVCH IN LOCAL	3	4	99.
06657	345KV BKR MAINT SYS AT BKR IN LOCAL	3	4	99.
06658	345KV BAR POLE DISAGREEMENT	3	4	99.
06659	345KV BKR GAS PRESS/INSULATION LOW	3	4	99.
06660	345KV BKR FAIL TO OPERATE	2	4	99.
06661	345KV BUS 3 OR 4 VOLTAGE LOSS	3	4	99.
06662	345KV MOD SEL SVCH IN LOCAL	3	4	99.
06663	345KV LINE SYS 1 CARRIER CUTOFF OFF	3	4	99.
06664	345KV LINE SYS 1 CHECKBACK FAILED	3	4	99.
06665	345KV LINE SYS 1 CARRIER CALL ON	3	4	99.
06666	345KV LINE SYS 2 CHANNEL SVCH OFF	3	4	99.
06667	345KV LINE SYS 2 TROUBLE	3	4	99.
06668	345KV LINE SYS 2 TRIP SVCH IN TEST	3	4	99.
06669	345KV LINE TRANSFER TRIP CHAN LOSS	3	4	99.
06670	345KV LINE VOLTAGE LOSS	3	4	99.
06671	345KV SF6 GAS SYSTEM TROUBLE	3	4	99.
06672	345KV 125V BATTERY 1 TROUBLE	3	4	99.
06673	345KV 125V BATTERY 2 TROUBLE	3	4	99.
06674	345KV 48V BATTERY TROUBLE	3	4	99.
06675	345KV PROT RLY DC LOSS	3	4	99.
06676	345KV PROT RLY CUT-OFF SVCH ABNORMAL	3	4	99.
06677	345KV LOCK-OUT RELAY OPERATED	3	4	99.
06678	TS 100Y GRD FAULT RLY OPERATED	1	4	99.
06679	TS PROT RLY DC LOSS	3	4	99.
06680	TS PROT RLY AC LOSS	3	4	99.
06681	TS AC VOLTAGE REGULATOR LOSS	2	4	99.
06682	345V OSCILLOGRAPH OPERATED	0	5	99.
06683	345V OSCILLOGRAPH TROUBLE	3	4	99.
06684	345V EVENTS RECORDER OPERATED	0	5	99.
06685	345V EVENTS RECORDER TROUBLE	3	4	99.
06686	345V INVERTER TROUBLE	3	4	99.
06687	345V ANNUNCIATOR POWER LOSS	3	4	99.
06688	345V RELAY POOR TEMP HIGH	3	4	99.
06689	345V GENERATION	0	0	40.
06690	STATION SERVICE	0	0	36.
06691	SM MMP C CTL SWITCH NAS	0	5	99.
06692	SM MMP D CTL SWITCH EAS	0	5	99.
06693	SM TRM A PRESS LO	0	5	99.
06694	SM TRM B PRESS LO	0	5	99.
06695	SMZLG TRM SWITCHOVER TNN A DISABLED	3	3	99.
06696	SMZLG TRM SWITCHOVER TNN B DISABLED	3	3	99.
06697	SM PAY MTR LVL NORMAL	0	5	99.
06698	SM PAY MTR LVL HI	2	3	99.
06699	DS A POTENTIAL TRANS FUSE BLOWN	2	4	59.

POINT	DESCRIPTION	PRIOR	DST	REV.
06711	DC A PRIMARY PROT SYS TRIP & L/O	1	4	99.
06712	DC A BACKUP PROT SYS TRIP & L/O	1	4	99.
06713	DC A GENERATOR CURRENT HIGH	1	4	99.
06714	DC A GENERATOR FIELD GROUNDED	1	4	99.
06715	DC A IN DROOP MODE	0	5	99.
06716	DC A GENERATOR VOLTAGE LOW	1	4	99.
06717	DC A GENERATOR FREQUENCY LOW	1	4	99.
06718	DC A EPS TROUBLE	1	4	99.
06719	BUS E6 SIMULATED POWER LOST TRIP	3	4	99.
06720	DC A INCOMING LINE BREAKER CLOSED	0	5	99.
06721	DC A EKK CLOSE CIRCUIT INOP	0	5	99.
06722	DC A GROUNDED	0	5	99.
06723	DC A WATTHOUR	0	0	99.
06724	DC POWER PANEL 112A LOSS OF POWER	1	4	99.
06725	DC POWER PANEL 113B LOSS OF POWER	1	4	99.
06726	BUS E6 SIMULATED LOW VOLT TRIP	3	4	99.
06727	BUS E6 TIME DELAY LOSS OF VOLT TRIP	2	4	99.
06728	BUS E6 TIME DELAY S1 LOW VOLT TRIP	3	4	99.
06729	DC B POTENTIAL TRANS FUSE BLOWN	2	4	99.
06731	DC B PRIMARY PROT SYS TRIP & L/O	1	4	99.
06732	DC B BACKUP PROT SYS TRIP & L/O	1	4	99.
06733	DC B GENERATOR CURRENT HIGH	1	4	99.
06734	DC B GENERATOR FIELD GROUNDED	1	4	99.
06735	DC B IN DROOP MODE	0	5	99.
06736	DC B GENERATOR VOLTAGE LOW	1	4	99.
06737	DC B GENERATOR FREQUENCY LOW	1	4	99.
06738	DC B EPS TROUBLE	1	4	99.
06740	DC B INCOMING LINE BREAKER CLOSED	0	5	99.
06741	DC B CLOSE CIRCUIT INOP	0	5	99.
06742	DC B GROUNDED	0	5	99.
06743	DC B WATTHOUR	0	0	99.
06744	SW-V-4 SEL SWITCH IN LOCAL	0	5	99.
06745	SW-V-5 SEL SWITCH IN LOCAL	0	5	99.
06746	H2 ANALYZER RM EXHAUST DAMPER CLOSED	3	2	99.
06747	H2 ANALYZER RM SUPPLY DAMPER CLOSED	3	2	99.
06748	H2 ANALYZER RM TEMP HI-HI	2	2	99.
06749	MCIV CAB ELEC ROOM TEMP HIGH	3	3	99.
06750	MCIV CAB ELEC ROOM FAN 175 TRIP	3	3	99.
06751	H2 ANALYZER RM SUPPLY FAN A RUNNING	0	5	99.
06752	H2 ANALYZER RM SUPPLY FAN B RUNNING	0	5	99.
06950	SANITARY LIFT STATION 1 TROUBLE	3	3	99.
06951	SANITARY LIFT STATION 2 TROUBLE	3	3	99.
06952	SANITARY LIFT STATION 3 TROUBLE	3	3	99.
06953	SANITARY LIFT STATION 4 TROUBLE	3	3	99.
06954	SANITARY LIFT STATION 5 TROUBLE	3	3	99.
06955	CW VALVES NOT LINED UP FOR HEAT TRT	3	3	99.
06956	CW VALVES NOT LINED UP FOR NORM OPS	3	3	99.
06957	STD SPARE #32 UNDEFN	2	3	35.
06958	STD SPARE #39 UNDEFN	2	3	35.
06959	STD SPARE #40 UNDEFN	2	3	35.
06960	STD SPARE #41 UNDEFN	1	2	35.
06961	STD SPARE #42 UNDEFN	1	2	35.
06962	STD SPARE #43 UNDEFN	1	2	35.
06963	STD SPARE #44 UNDEFN	1	2	35.
06964	STD SPARE #45 UNDEFN	1	2	35.

POINT	DESCRIPTION	PRIOR	DST	REV.
06965	STD SPARE #46 UNDEFN	2	3	35.
06966	STD SPARE #47 UNDEFN	2	3	35.
06967	STD SPARE #48 UNDEFN	2	3	35.
06968	STD SPARE #49 UNDEFN	2	3	35.
06969	STD SPARE #50 UNDEFN	2	3	35.
06970	STD SPARE #51 UNDEFN	1	2	35.
06971	STD SPARE #52 UNDEFN	1	2	35.
06972	STD SPARE #53 UNDEFN	1	2	35.
06973	SW SWGR RM SUP FAN 40A SS IN LOCAL	3	3	99.
06974	SW SWGR RM SUP FAN 40B SS IN LOCAL	3	3	99.
06975	SW PUMP HOUSE TEMP HIGH	3	3	99.
06976	SW PUMP HOUSE TEMP LOW	3	3	99.
06977	SW SWGR RM TRAIN A TEMP HIGH	3	3	99.
06978	SW SWGR RM TRAIN A TEMP LOW	3	3	99.
06979	SW SWGR RM TRAIN B TEMP HIGH	3	3	99.
06980	SW SWGR RM TRAIN B TEMP LOW	3	3	99.
06981	SW PMP HOUSE EXH FN 30A BKR CLOSED	0	5	99.
06982	SW PMP HOUSE EXH FN 30B BKR CLOSED	0	5	99.
06983	SW SWGR RM SUP FAN 40A BKR CLOSED	0	5	99.
06984	SW SWGR RM SUP FAN 40B BKR CLOSED	0	5	99.
06985	CT SWGR RM VENT FAN 69 BKR CLOSED	0	5	99.
06986	CT SWGR RM VENT FAN 63 BKR CLOSED	0	5	99.
06987	CT PMP HOUSE EXH FN 71 BKR CLOSED	0	5	99.
06988	CT PMP HOUSE EXH FN 70 BKR CLOSED	0	5	99.
06989	CT SWGR RM TRAIN A TEMP HIGH	3	3	99.
06990	CT SWGR RM TRAIN A TEMP LOW	3	3	99.
06991	CT SWGR RM TRAIN B TEMP HIGH	3	3	99.
06992	CT SWGR RM TRAIN B TEMP LOW	3	3	99.
06993	CT PMP RM TEMP HIGH	3	3	99.
06994	CT PMP RM TEMP LOW	3	3	99.
07000	CTL RM TRN A MAKEUP AIR ISOL SIGNAL	0	5	99.
07001	CTL RM TRN B MAKEUP AIR ISOL SIGNAL	0	5	99.
07002	CTL RM MAKEUP AIR OFF	2	2	99.
07003	CTL RM AIR COOLING UNIT 3A INOP	2	2	99.
07004	CTL RM AIR COOLING UNIT 3B INOP	2	2	99.
07005	CTL RM AIR COND 3A/B DISCH PRESS HI	0	5	99.
07006	CTL RM EMER CLEANUP FN-16B BKR CLOS	0	5	99.
07008	CTL RM EMER CLEANUP FILTER DP HIGH	2	2	99.
07011	CTL RM TEMP HIGH	2	2	99.
07012	CTL RM TEMP LOW	3	2	99.
07013	COMPUTER RM TEMP HIGH	2	2	99.
07014	COMPUTER RM TEMP LOW	3	2	99.
07015	CTL RM AIR COOLING UNIT 3A TRIP	2	2	99.
07016	CTL RM AIR COOLING UNIT 3B TRIP	2	2	99.
07017	CTL RM EMER CLEANUP FN 16A BKR CLS	0	5	99.
07018	CTL RM AIR COOLING UNIT 3A BKR CLS	0	5	99.
07019	CTL RM AIR COOLING UNIT 3B BKR CLS	0	5	99.
07020	TRN A SWGR RM FAN DISCH PRESS LOW	2	2	99.
07021	TRN A SWGR RM FAN RETURN AIR LOST	2	2	99.
07022	CABLE SPREADING ROOM TEMP HI-LO	2	2	99.
07023	TRN A SWGR RM ROOM TEMP HI-LO	2	2	99.
07024	TRN B SWGR RM FAN RETURN AIR LOST	2	2	99.
07025	TRN B SWGR RM FAN DISCH PRESS LOW	2	2	99.
07026	TRN B SWGR RM TEMP HI-LO	2	2	99.
07027	BATTERY RM C TEMP HI-LO	2	2	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07028	BATTERY ROOM D TEMP HI-LO	2	2	99.
07029	BATTERY EXH FAN A DISCH PRESS LOW	2	2	99.
07030	BATTERY EXH FAN B DISCH PRESS LOW	2	2	99.
07031	CTL RM EMER CLEANUP FLTR 3S TEMP HI	2	2	99.
07032	CTL RM MAKEUP AIR DAMP 53B FULL CLS	0	5	99.
07033	CTL RM MAKEUP AIR DAMP 53A FULL CLS	0	5	99.
07034	CTL RM MAKEUP AIR FAN BKR CLOSED	0	5	99.
07035	CTL RM MAKEUP AIR FAN 27B BKR CLOSED	0	5	99.
07036	CTL BLDG EXH FN 15 PKR OPEN	0	5	99.
07037	CTL BLDG EXH FN 15 CS IN AUTO	0	5	99.
07040	UNIT 1 EAST AIR INTAKE SMOKE CONC HI	0	5	99.
07041	UNIT 2 EAST AIR INTAKE SMOKE CONC HI	0	5	99.
07044	UNIT 1 WEST AIR INTAKE SMOKE CONC HI	0	5	99.
07045	UNIT 2 WEST AIR INTAKE SMOKE CONC HI	0	5	99.
07050	ELEC TUNNEL TRAIN A TEMP HIGH	2	4	99.
07051	ELEC TUNNEL TRAIN B TEMP HIGH	2	4	99.
07052	SW CATHODIC PROTECTION LOST	3	3	99.
07054	CW CATHODIC PROTECTION LOST	3	3	99.
07055	CONDNR WTR BOX CATHODIC PROT LOST	3	3	99.
07056	CTL BLDG AIR FN 16A DISCH FLOW LOW	0	5	99.
07058	UNIT 1 INTAKE AIR DAMP 9 FULL CLS	0	5	99.
07059	UNIT 2 INTAKE AIR DAMP 9 FULL CLS	0	5	99.
07072	DG SUPPLY FAN 25A RUNNING	0	5	99.
07076	DG SUPPLY FAN 25A START COMMAND	0	5	99.
07077	DG SUPPLY FAN 25B RUNNING	0	5	99.
07078	DG SUPPLY FAN 25B START COMMAND	0	5	99.
07079	DG ROOM A TEMP HIGH	2	4	99.
07080	DG ROOM B TEMP HIGH	2	4	99.
07081	DG EXHAUST FAN 26A NOT RUNNING	0	5	99.
07082	DG EXHAUST FAN 26B NOT RUNNING	0	5	99.
07087	BUS 22 TRANSFORMER 4N TEMP HIGH	3	4	99.
07088	BUS 22 VOLTAGE LOW	3	4	99.
07089	BUS 22 GROUNDED	3	4	99.
07100	TURB GENERATOR GAS TEMP LOW	2	3	99.
07101	TURB GENERATOR GAS TEMP HIGH	2	3	99.
07102	TURB GENERATOR CORE MONITOR ALARM	2	3	99.
07103	TURB GENERATOR LIQUID LEVEL HIGH	2	3	99.
07104	TURB GENERATOR GAS PRESSURE HI-LO	2	3	99.
07105	TURB GENERATOR GAS PURITY LOW	2	3	99.
07106	ALTERNATOR AIR TEMP HIGH	2	3	99.
07107	ALTERNATOR LIQUID LEVEL HIGH	2	3	99.
07108	6SC INPUT TO TURB RUNBACK CKT ENERG	2	3	99.
07109	TURB GEN EXCITER RECTIFIER TEMP HIGH	2	3	99.
07110	KCC & HGG CONTROL PANEL POWER LOSS	3	3	99.
07111	STATOR COOLING WATER TK LEVEL HIGH	3	3	99.
07112	STATOR COOLING WATER TK LEVEL LOW	2	3	99.
07117	STATOR COOLING GEN OUTLET TEMP HIGH	2	3	99.
07118	EXCITER RECTIFIER COOLING FLOW LOW	2	3	99.
07119	TURB GEN BUSHING COOLING FLOW LOW	2	3	99.
07120	STATOR COOLING INLET PRESS LOW	2	3	99.
07121	STATOR COOLING INLET FLOW LOW	2	3	99.
07122	6SC GENERATOR INLET TEMP HIGH	2	3	99.
07123	STATOR COOLING INLET CONDY HIGH	2	3	99.
07124	STATOR COOLING INLET CONDY HI-HI	2	3	99.
07125	STATOR COOLING STANDBY PMP A START	3	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07126	STATOR COOLING STANDBY PMP B START	3	3	99.
07127	STATOR COOLING PMP A TRIP	3	3	99.
07128	STATOR COOLING PMP B TRIP	3	3	99.
07129	STATOR COOLING PMP A MTR TEMP HIGH	2	3	99.
07130	STATOR COOLING PMP B MTR TEMP HIGH	2	3	99.
07131	TURB GEN TEMP SCAN UNIT ALERT	2	3	99.
07132	TURB GEN TEMP SCAN UNIT ALARM	2	3	99.
07133	STD SPARE #54 UNDEFN	1	2	35.
07134	STD SPARE #55 UNDEFN	1	2	35.
07135	STD SPARE #56 UNDEFN	2	3	35.
07136	STD SPARE #57 UNDEFN	2	3	35.
07137	STD SPARE #58 UNDEFN	2	3	35.
07138	STD SPARE #59 UNDEFN	2	3	35.
07139	STD SPARE #60 UNDEFN	2	3	35.
07140	TURB GEN TURNING GEAR TROUBLE	3	3	99.
07141	TURB GEN SHAFT MONITOR TROUBLE	3	3	99.
07142	TG SEAL OIL VAC TANK LVL HI-LO	3	3	99.
07151	TG SEAL OIL/HD DP LOW	2	3	99.
07152	TG SEAL OIL FILTER DP HIGH	3	3	99.
07153	TG W2 DETRAINING HDP LVL HIGH	3	3	99.
07154	TG MAIN SEAL OIL PUMP MOTOR TEMP HI	3	3	99.
07155	TG RECIRC SEAL OIL PUMP MTR TEMP HI	3	3	99.
07156	TG EMER SEAL OIL PUMP MOTOR TEMP HI	3	3	99.
07157	TG EMER SEAL PUMP START	2	3	99.
07158	STD SPARE #61 UNDEFN	1	2	35.
07159	TG SEAL OIL VAPOR EXTRE MTR TEMP HI	3	3	99.
07160	STD SPARE #62 UNDEFN	1	2	35.
07161	STD SPARE #63 UNDEFN	1	2	35.
07162	STD SPARE #64 UNDEFN	1	2	35.
07163	STD SPARE #65 UNDEFN	1	2	35.
07164	STD SPARE #66 UNDEFN	2	3	35.
07165	SI PMP A SUCT VLV 47 FULL CLOSED	0	5	99.
07166	SI PMP A SUCT VLV 49 FULL CLOSED	0	5	99.
07167	SI PMP B SUCT VLV 51 FULL CLOSED	0	5	99.
07168	SI PMP B SUCT VLV 53 FULL CLOSED	0	5	99.
07170	RWST DIKE LEVEL HI HI	2	1	99.
07171	CONTM RECIRC SUMP A LEVEL HIGH	2	1	99.
07172	CONTM RECIRC SUMP B LEVEL HIGH	2	1	99.
07173	CDS PMP A CS NAS	0	5	99.
07174	CDS PMP B CS NAS	0	5	99.
07175	EMC RESERVOIR TEMP HI-LO	3	3	99.
07176	EMC RESERVOIR LVL HI-LO	3	3	99.
07177	EMC RESERVOIR LVL HI-HI	3	3	99.
07178	EMC PUMP A DISCH PRESS HIGH	3	3	99.
07179	EMC PUMP B DISCH PRESS HIGH	3	3	99.
07180	EMC HEADER PRESS LOW	2	3	99.
07181	STD SPARE #67 UNDEFN	2	3	35.
07182	EMC XFER/FILTER PUMP TRIP	3	3	99.
07183	EMC STANDBY PUMP AUTO START	3	3	99.
07184	EMC PUMP NOT IN AUTO	3	3	99.
07185	EMC PUMP A TROUBLE	3	3	99.
07186	EMC PUMP B TROUBLE	3	3	99.
07187	EMC PUMP A FILTER DP HIGH	3	3	99.
07188	EMC PUMP B FILTER DP HIGH	3	3	99.
07189	STD SPARE #68 UNDEFN	2	3	35.

ALARM MESSAGES FOR B\* DIGITAL\* AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
07198	STD SPARE #19	2	3	35*
07199	STD SPARE #20	2	3	35*
07200	STD SPARE #21	1	2	35*
07201	RACE LEVEL LO-LO AT RECIRC SETPOINT	2	1	99*
07202	RA FEED PMP OIL CONDITIONER OVERFLOW	3	3	99*
07203	STD SPARE #22	1	2	35*
07204	STD SPARE #23	1	2	35*
07205	STD SPARE #24	1	2	35*
07206	STD SPARE #25	1	2	35*
07207	TURB-GEN LUBE VAPOR EXTRACTOR OP LOW	3	3	99*
07208	TURB-GEN LUBE RESERVOIR LEVEL HI-HI	3	3	99*
07209	TURB-GEN LUBE RESERVOIR LEVEL HI-LO	2	3	99*
07210	TURB-GEN MOTOR SUCT OIL PMP RUNNING	2	3	99*
07211	TURB-GEN EMER HEATING OIL PUMP RUN	2	3	99*
07212	TURB-GEN LUBE HEADER PRESSURE LOW	2	3	99*
07213	TG TURN GEAR OIL PMP HCR PRESS LOW	2	3	99*
07214	TURB-GEN LUBE COOLER DISCH TEMP HIGH	2	3	99*
07215	TURB LIFT PMP A DISCH PRESS LOW	0	5	99*
07216	TURB LIFT PMP B DISCH PRESS LOW	0	5	99*
07217	TURB LIFT PMP C DISCH PRESS LOW	0	5	99*
07218	TURB LIFT PMP D DISCH PRESS LOW	0	5	99*
07219	TURB LIFT PMP E DISCH PRESS LOW	0	5	99*
07220	TURB LIFT PMP F DISCH PRESS LOW	0	5	99*
07221	TURB LIFT PMP G DISCH PRESS LOW	0	5	99*
07222	TURB LIFT PMP H DISCH PRESS LOW	0	5	99*
07223	CMR BEARING OIL PMP MOTOR OVERLOAD	2	3	99*
07224	TURB-GEN MOTOR SUFT OIL PMP TROUBLE	2	3	99*
07225	TURB-GEN VAPOR EXTRACTOR TROUBLE	3	3	99*
07226	TURB-GEN LUBE STORAGE TK LEVEL HIGH	3	3	99*
07227	TURB-GEN TURN GEAR OIL PMP OVERLOAD	2	3	99*
07228	RV FEED PMP OIL CONDITIONER TRIP	3	3	99*
07229	TURB-GEN LUBE CONDITIONER TRIP	3	3	99*
07230	TURB LIFT PMP A START CKT NOT ARMED	3	3	99*
07231	TURB LIFT PMP B START CKT NOT ARMED	3	3	99*
07232	TURB LIFT PMP C START CKT NOT ARMED	3	3	99*
07233	TURB LIFT PMP D START CKT NOT ARMED	3	3	99*
07234	TURB LIFT PMP E START CKT NOT ARMED	3	3	99*
07235	TURB LIFT PMP F START CKT NOT ARMED	3	3	99*
07236	TURB-GEN LUBE CONDITIONER OVERFLOW	3	3	99*
07237	TURB LIFT PMP H START CKT NOT ARMED	3	3	99*
07238	TG TURNING GEAR ENGAGED	0	5	99*
07239	TURB LIFT PMP A MOTOR START	0	5	99*
07240	TURB LIFT PMP B MOTOR START	0	5	99*
07241	TURB LIFT PMP C MOTOR START	0	5	99*
07242	TURB LIFT PMP D MOTOR START	0	5	99*
07243	TURB LIFT PMP E MOTOR START	0	5	99*
07244	TURB LIFT PMP F MOTOR START	0	5	99*
07245	TURB LIFT PMP G MOTOR START	0	5	99*
07246	TURB LIFT PMP H MOTOR START	0	5	99*
07247	STD SPARE #75	2	3	35*
07248	STD SPARE #76	2	3	35*
07249	STD SPARE #77	2	3	35*
07250	STD SPARE #78	2	3	35*
07251	STD SPARE #79	2	3	35*
07252	ADMIN BLDG AIR HANDLING SYS TROUBLE	3	3	99*

POINT	DESCRIPTION	PRIOR	DST	REV.
07247	EMER BEARING GIL PMP DC UNAVAILABLE	3	3	99.
07250	CONTAINMENT PURGE PRESS LOW	1	1	99.
07251	CONTAINMENT PURGE PRESS HIGH	1	1	99.
07252	CONTR ONLINE PURGE SUP FN-73 IN AUTO	0	5	99.
07253	COP SUPPLY FAN 73 BKR OPEN	0	5	99.
07254	COP VLV 1 NOT FULL OPEN	0	5	99.
07255	COP VLV 2 NOT FULL OPEN	0	5	99.
07256	COP VLV 3 NOT FULL OPEN	0	5	99.
07257	COP VLV 4 NOT FULL OPEN	0	5	99.
07258	COP VLV 1 FULL CLOSED	0	5	99.
07259	COP VLV 4 FULL CLOSED	0	5	99.
07260	COP VLV 2 FULL CLOSED	0	5	99.
07261	COP VLV 3 FULL CLOSED	0	5	99.
07263	CONTM AIR PURGE FAN 34 RUNNING	0	5	99.
07264	CONTM AIR PURGE FAN 35 BKR OPEN	0	5	99.
07265	CONTM AIR PURGE ISO VLV 1 FULL CLS	0	5	99.
07266	CONTM AIR PURGE ISO VLV 2 FULL CLS	0	5	99.
07267	CONTM AIR PURGE ISO VLV 3 FULL CLS	0	5	99.
07268	CONTM AIR PURGE ISO VLV 4 FULL CLS	0	5	99.
07269	CONTM VENT ISO SIG TRN A RESET	0	5	99.
07270	CONTM VENT ISO SIG TRN B RESET	0	5	99.
07271	CONTM AIR PURGE FILTER 40 DP HIGH	3	2	99.
07272	CONTM AIR PURGE FILTER 40 TEMP HIGH	3	2	99.
07273	CONTM AIR PURGE FAN 9 RUNNING	0	5	99.
07274	CONTM AIR PURGE FAN 10 RUNNING	0	5	99.
07275	FUEL STORAGE BLDG DP HIGH	2	2	99.
07276	FUEL STORAGE BLDG DP LOW	2	2	99.
07277	FUEL STORAGE BLDG HUMIDITY HIGH	3	2	99.
07278	FUEL STORAGE BLDG TEMP HIGH	2	2	99.
07281	FS BLDG EXH FILTER 41 TEMP HIGH	3	2	99.
07282	FS BLDG EXH FILTER 74 TEMP HIGH	3	2	99.
07283	FS TRN A CTL SVCH IN FUEL HANDLING	0	5	99.
07284	FS BLDG EXH DAMPER 14A NOT FULL CLS	0	5	99.
07285	FS TRN B CTL SVCH IN FUEL HANDLING	0	5	99.
07286	FS BLDG EXH DAMPER 14B NOT FULL CLS	0	5	99.
07287	FS BLDG DAMPER 36A OPEN	0	5	99.
07288	FS BLDG CLN UNIT FN 11A BKR OPEN	0	5	99.
07289	FS BLDG DAMPER 12B OPEN	0	5	99.
07290	FS BLDG CLN UNIT FN 11B BKR OPEN	0	5	99.
07291	FS BLDG EXH FILTER 41 DP HIGH	3	2	99.
07292	FS BLDG EXH FILTER 74 DP HIGH	3	2	99.
07297	FS BLDG CLN UNIT FN 11A FLOW LOW	3	2	99.
07298	FS BLDG CLN UNIT FN 11B FLOW LOW	3	2	99.
07299	FS BLDG TORNADO DAMPER 365 CLOSED	0	5	99.
07300	CONTM AIR FAN 35 CS NAS	0	5	99.
07307	BORON RECOVERY TEST TK A LEVEL HIGH	3	2	99.
07308	BORON RECOVERY TEST TK B LEVEL HIGH	3	2	99.
07309	WPD HYDROGEN LEVEL HIGH	2	3	99.
07350	BUT 22 DC CONTROL POWER LOST	3	4	99.
07360	S1 ACCUM A VENT VLV LCL SS/CS ABNR	3	1	99.
07361	S1 ACCUM A VENT VLV 2475 OPEN	3	1	99.
07362	S1 ACCUM A VENT VLV 2476 OPEN	3	1	99.
07363	S1 ACCUM B VENT VLV LCL SS/CS ABNR	3	1	99.
07364	S1 ACCUM B VENT VLV 2482 OPEN	3	1	99.
07365	S1 ACCUM B VENT VLV 2483 OPEN	3	1	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
07366	SI ACCUM C VENT VLV 2477 OPEN	3	1	99.
07367	SI ACCUM C VENT VLV 2486 OPEN	3	1	99.
07368	SI ACCUM D VENT VLV 2495 OPEN	3	1	99.
07369	SI ACCUM D VENT VLV 2496 OPEN	3	1	99.
07370	WATER TREATMENT PLANT POWER LOST	3	3	99.
07371	WT CAUSTIC TANK HEAT TRACING FAILED	3	3	99.
07372	WT CAUSTIC PIPING HEAT TRACING FAIL	3	3	99.
07373	WT CAUSTIC SKID HEAT TRACING FAILED	3	3	99.
07374	WT CAUSTIC DAY TK HFAT TRACING FAIL	3	3	99.
07375	PAB HOT WTR EXPANSION TK LEVEL LOW	3	3	99.
07376	PAB HOT WTR EXPANSION TK PRESS LOW	3	3	99.
07377	CONT BLDG HOT WTR EXPN TK LEVEL LOW	3	3	99.
07378	CONT BLDG HOT WTR EXPN TK PRESS LOW	3	3	99.
07379	PAB FLTR RM HOT WTR EXPN TK LVL LOW	3	3	99.
07380	PAB FLTR RM HOT WTR EXPN TK PRESS LO	3	3	99.
07381	PAB FLTR RM TEMP LOW	3	3	99.
07382	NON ESSEN SWGR RM TEMP LOW	3	3	99.
07383	WPH HOT WTR EXPANSION TK LEVEL LOW	3	3	99.
07384	WPH HOT WTR EXPANSION TK PRESS LOW	3	3	99.
07385	WPH TEMP LOW	3	3	99.
07386	FUEL STORAGE BLDG TEMP LOW	0	5	99.
07387	FUEL STORAGE BLDG TEMP LOW	0	5	99.
07388	PAB HEATING COILS TEMP LOW	3	3	99.
07389	WPH HEATING COILS TEMP LOW	3	3	99.
07390	FFW HSE HOT WTR EXPN TK LEVEL LOW	3	3	99.
07391	FFW HSE HOT WTR EXPN TK PRESS LOW	3	3	99.
07392	SW PMP HSE HOT WTR EXPN TK LEVEL LOW	3	3	99.
07393	SW PMP HSE HOT WTR EXPN TK PRESS LOW	3	3	99.
07394	STD SPARE #R0 UNDEFN	2	3	35.
07395	STD SPARE #R1 UNDEFN	1	2	35.
07396	STD SPARE #R2 UNDEFN	1	2	35.
07397	STD SPARE #R3 UNDEFN	1	2	35.
07398	STD SPARE #R4 UNDEFN	1	2	35.
07399	STD SPARE #R5 UNDEFN	1	2	35.
07400	SG BLDWN FLASH TANK PRESSURE HIGH	3	3	99.
07401	SG BLDWN FLASH TANK PRESSURE HI-HI	3	3	99.
07402	SG BLDWN FLASH TANK LEVEL HIGH	3	3	99.
07403	SG BLDWN FLASH TANK LEVEL LOW	3	3	99.
07404	SG BLDWN FLASH TK CONDSR LVL HIGH	3	3	99.
07405	SG BLDWN FLASH TK CONDSR LVL LOW	3	3	99.
07406	SR FLASH TANK DIST PMP A BKR OPEN	0	5	99.
07407	SR FLASH TK DIST PMP A CTL SWCH NAS	0	5	99.
07408	SR FLASH TANK DIST PMP B BKR OPEN	0	5	99.
07409	SR FLASH TK DIST PMP B CTL SWCH NAS	0	5	99.
07410	SG A OTBD BLDWN ISO VLV CLOSED	0	5	99.
07411	SG B OTBD BLDWN ISO VLV CLOSED	0	5	99.
07412	SG C OTBD BLDWN ISO VLV CLOSED	0	5	99.
07413	SG D OTBD BLDWN ISO VLV CLOSED	0	5	99.
07414	CONTR ENCL COOLER FNSA SS IN LOCAL	3	2	99.
07417	CONTR ENCL COOLER FNSB SS IN LOCAL	3	2	99.
07418	CONTR ENCL RETURN FNS1A SS IN LOCAL	3	2	99.
07419	CONTR ENCL RETURN FNS1B SS IN LOCAL	3	2	99.
07420	EAM TO PLANT VENT DAMPER CLOSED	0	5	99.
07421	PAB TORNADO DAMPER 355 FULL CLOSED	0	5	99.
07422	PAB TORNADO DAMPER 356 FULL CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07423	PAH TORNADO DAMPER 362 FULL CLOSED	0	5	99.
07424	PAH TORNADO DAMPER 357 FULL CLOSED	0	5	99.
07425	PAH TORNADO DAMPER 358 FULL CLOSED	0	5	99.
07426	PAH TORNADO DAMPER 360 FULL CLOSED	0	5	99.
07427	PAH TORNADO DAMPER 359 FULL CLOSED	0	5	99.
07428	PAH TORNADO DAMPER 364A FULL CLOSED	0	5	99.
07429	PAH TORNADO DAMPER 364B FULL CLOSED	0	5	99.
07436	SG A INHD BLDWN ISO VLV CLOSED	3	2	99.
07437	SG B INHD BLDWN ISO VLV CLOSED	3	2	99.
07438	SG C INHD BLDWN ISO VLV CLOSED	3	2	99.
07439	SG D INHD BLDWN ISO VLV CLOSED	3	2	99.
07440	RHR LP 1 SUCT VLV 23 SWITCH IN LOCAL	3	2	99.
07441	RHR LP 4 SUCT VLV 88 SWITCH IN LOCAL	3	2	99.
07442	RHR LP 1 SUCT VLV 22 SWITCH IN LOCAL	3	2	99.
07443	RHR LP 4 SUCT VLV 87 SWITCH IN LOCAL	3	2	99.
07444	LP 1 SAMP VLV 2876 LCL SWCH POS ABNR	3	2	99.
07445	LP 3 SAMP VLV 2833 LCL SWCH POS ABNR	3	2	99.
07446	LP 1 SAMP VLV 2894 LCL SWCH POS ABNR	3	2	99.
07447	LP 4 SAMP VLV 2896 LCL SWCH POS ABNR	3	2	99.
07448	PRV BLOCK RC-V122 SEL SWCH IN LOCAL	3	2	99.
07449	PRV BLOCK RC-V124 SEL SWCH IN LOCAL	3	2	99.
07450	MFP A ROOM TEMP HIGH	3	3	99.
07451	MFP B ROOM TEMP HIGH	3	3	99.
07452	TURB BLDG ELEV MACHINE ROOM TEMP HI	3	3	99.
07453	TURB BLDG BATTERY ROOM TEMP HI-LO	3	3	99.
07454	STD SPARE #86 UNDEFN	2	3	35.
07455	TURB LUBE OIL TANK ROOM TEMP HIGH	3	3	99.
07457	STD SPARE #07 UNDEFN	2	3	35.
07458	TURB LUBE OIL RSVR ROOM TEMP HIGH	3	3	99.
07459	STD SPARE #88 UNDEFN	2	3	35.
07460	STD SPARE #89 UNDEFN	2	3	35.
07461	TURB BLDG ELEC WORK ROOM TEMP HI-LO	3	3	99.
07462	TURB BLDG RELAY ROOM TEMP HI-LO	3	3	99.
07463	STD SPARE #90 UNDEFN	2	3	35.
07464	RHR LP 4 SUCT VLV 88 NOT FULL OPEN	0	5	99.
07465	PRV PCV-456A MCB SEL SWCH IN CLOSE	0	5	99.
07466	PRV PCV-456B MCB SEL SWCH IN CLOSE	0	5	99.
07467	RHR LP 1 SUCT VLV 22 NOT FULL OPEN	0	5	99.
07468	RHR LP 4 SUCT VLV 87 NOT FULL OPEN	0	5	99.
07469	RHR LP 1 SUCT VLV 23 NOT FULL OPEN	0	5	99.
07470	MSIV A TRAIN A MS ISO SIG BLOCKED	3	3	99.
07471	MSIV B TRAIN A MS ISO SIG BLOCKED	3	3	99.
07472	MSIV C TRAIN A MS ISO SIG BLOCKED	3	3	99.
07473	MSIV D TRAIN A MS ISO SIG BLOCKED	3	3	99.
07474	MSIV A TRAIN B MS ISO SIG BLOCKED	3	3	99.
07475	MSIV B TRAIN B MS ISO SIG BLOCKED	3	3	99.
07476	MSIV C TRAIN B MS ISO SIG BLOCKED	3	3	99.
07477	MSIV D TRAIN B MS ISO SIG BLOCKED	3	3	99.
07478	MSIV A TRN A SLOW FLOW INSERTED	3	3	99.
07479	MSIV B TRN A SLOW FLOW INSERTED	3	3	99.
07480	MSIV C TRN A SLOW FLOW INSERTED	3	3	99.
07481	MSIV D TRN A SLOW FLOW INSERTED	3	3	99.
07482	MSIV A TRN B SLOW FLOW INSERTED	3	3	99.
07483	MSIV B TRN B SLOW FLOW INSERTED	3	3	99.
07484	MSIV C TRN B SLOW FLOW INSERTED	3	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07485	MSIV B TRN B SLOW FLOW INSERTED	3	3	99.
07486	MAIN STEAM ISOLATION TRAIN B	1	3	99.
07487	MSIV CP-183 DOOR OPEN	3	3	99.
07488	MSIV CP-185 POWER SUPPLY FAILED	3	3	99.
07489	MSIV CP-185 DOOR OPEN	3	3	99.
07490	PCCW PUMP A CS NAS	0	5	99.
07491	PCCW PUMP B CS NAS	0	5	99.
07492	PCCW PUMP C CS NAS	0	5	99.
07493	PCCW PUMP D CS NAS	0	5	99.
07498	THERM BARR PMP A CS/SS MISALIGNED	3	2	99.
07499	THERM BARR PMP H CS/SS MISALIGNED	3	2	99.
07500	IN CORE MOV A THIMB 1 H15 SELECT	0	5	28.
07501	IN CORE MOV A THIMB 2 K02 SELECT	0	5	28.
07502	IN CORE MOV A THIMB 3 L10 SELECT	0	5	28.
07503	IN CORE MOV A THIMB 4 P04 SELECT	0	5	28.
07504	IN CORE MOV A THIMB 5 H06 SELECT	0	5	28.
07505	IN CORE MOV A THIMB 6 D12 SELECT	0	5	28.
07506	IN CORE MOV A THIMB 7 B06 SELECT	0	5	28.
07507	IN CORE MOV A THIMB 8 E09 SELECT	0	5	28.
07508	IN CORE MOV A THIMB 9 H03 SELECT	0	5	28.
07509	IN CORE MOV A THIMB 10 L05 SELECT	0	5	28.
07510	IN CORE MOV B THIMB 1 D10 SELECT	0	5	28.
07511	IN CORE MOV B THIMB 2 A11 SELECT	0	5	28.
07512	IN CORE MOV B THIMB 3 K06 SELECT	0	5	28.
07513	IN CORE MOV B THIMB 4 F01 SELECT	0	5	28.
07514	IN CORE MOV B THIMB 5 F07 SELECT	0	5	28.
07515	IN CORE MOV B THIMB 6 R06 SELECT	0	5	28.
07516	IN CORE MOV B THIMB 7 N14 SELECT	0	5	28.
07517	IN CORE MOV B THIMB 8 N02 SELECT	0	5	28.
07518	IN CORE MOV B THIMB 9 H13 SELECT	0	5	28.
07519	IN CORE MOV B THIMB 10 E11 SELECT	0	5	28.
07520	IN CORE MOV C THIMB 1 G09 SELECT	0	5	28.
07521	IN CORE MOV C THIMB 2 R08 SELECT	0	5	28.
07522	IN CORE MOV C THIMB 3 C05 SELECT	0	5	28.
07523	IN CORE MOV C THIMB 4 B13 SELECT	0	5	28.
07524	IN CORE MOV C THIMB 5 H11 SELECT	0	5	28.
07525	IN CORE MOV C THIMB 6 J14 SELECT	0	5	28.
07526	IN CORE MOV C THIMB 7 J01 SELECT	0	5	28.
07527	IN CORE MOV C THIMB 8 L08 SELECT	0	5	28.
07528	IN CORE MOV C THIMB 9 F03 SELECT	0	5	28.
07529	IN CORE MOV C THIMB 10 E05 SELECT	0	5	28.
07530	IN CORE MOV D THIMB 1 J07 SELECT	0	5	28.
07531	IN CORE MOV D THIMB 2 R11 SELECT	0	5	28.
07532	IN CORE MOV D THIMB 3 E08 SELECT	0	5	28.
07533	IN CORE MOV D THIMB 4 L13 SELECT	0	5	28.
07534	IN CORE MOV D THIMB 5 N04 SELECT	0	5	28.
07535	IN CORE MOV D THIMB 6 D14 SELECT	0	5	28.
07536	IN CORE MOV D THIMB 7 G05 SELECT	0	5	28.
07537	IN CORE MOV D THIMB 8 D03 SELECT	0	5	28.
07538	IN CORE MOV D THIMB 9 CAL J10 SELECT	0	5	28.
07539	IN CORE MOV D THIMB 10 L11 SELECT	0	5	28.
07540	IN CORE MOV E THIMB 1 K12 SELECT	0	5	28.
07541	IN CORE MOV E THIMB 2 F14 SELECT	0	5	28.
07542	IN CORE MOV E THIMB 3 H04 SELECT	0	5	28.
07543	IN CORE MOV E THIMB 4 M07 SELECT	0	5	28.

POINT	DESCRIPTION	PRIOR	DST	REV.	
07544	IN CORE MOV E THIMB 5 N13	SELECT	0	5	28.
07545	IN CORE MOV E THIMB 6 J08	SELECT	0	5	28.
07546	IN CORE MOV E THIMB 7 C07	SELECT	0	5	28.
07547	IN CORE MOV E THIMB 8 F08	SELECT	0	5	28.
07548	IN CORE MOV E THIMB 9 C08	SELECT	0	5	28.
07549	IN CORE MOV E THIMB 10 SPR	SELECT	0	5	28.
07550	IN CORE MOV F THIMB 1 D08	SELECT	0	5	28.
07551	IN CORE MOV F THIMB 2 M02	SELECT	0	5	28.
07552	IN CORE MOV F THIMB 3 B03	SELECT	0	5	28.
07553	IN CORE MOV F THIMB 4 L15	SELECT	0	5	28.
07554	IN CORE MOV F THIMB 5 N06	SELECT	0	5	28.
07555	IN CORE MOV F THIMB 6 G12	SELECT	0	5	28.
07556	IN CORE MOV F THIMB 7 A09	SELECT	0	5	28.
07557	IN CORE MOV F THIMB 8 P09	SELECT	0	5	28.
07558	IN CORE MOV F THIMB 9 M08	SELECT	0	5	28.
07559	IN CORE MOV F THIMB 10 SPR	SELECT	0	5	28.
07560	IN CORE MOV DET ALL DRIVE	SELECT	0	5	28.
07561	IN CORE MOV DET AUTO	SELECT	0	5	28.
07562	IN CORE MOV DET CPTR	SELECT	0	5	28.
07563	IN CORE MOV DET SCAN	SELECT	0	5	28.
07564	IN CORE MOV DET RECORD	SELECT	0	5	28.
07565	IN CORE MOV DET A NORMAL	SELECT	0	5	28.
07566	IN CORE MOV DET A CALIBR	SELECT	0	5	28.
07567	IN CORE MOV DET A FOR B	SELECT	0	5	28.
07568	IN CORE MOV DET A RNG 1	SELECT	0	5	28.
07569	IN CORE MOV DET A RNG 2	SELECT	0	5	28.
07570	IN CORE MOV DET A RNG 3	SELECT	0	5	28.
07571	IN CORE MOV DET A RNG 4	SELECT	0	5	28.
07572	IN CORE MOV DET A RNG 5	SELECT	0	5	28.
07573	IN CORE MOV DET A DRIVE ONLY	SELECT	0	5	28.
07574	IN CORE MOV DET A COM GROUP	SELECT	0	5	28.
07575	IN CORE MOV DET B NORMAL	SELECT	0	5	28.
07576	IN CORE MOV DET B CALIBR	SELECT	0	5	28.
07577	IN CORE MOV DET B FOR C	SELECT	0	5	28.
07578	IN CORE MOV DET B RNG 1	SELECT	0	5	28.
07579	IN CORE MOV DET B RNG 2	SELECT	0	5	28.
07580	IN CORE MOV DET B RNG 3	SELECT	0	5	28.
07581	IN CORE MOV DET B RNG 4	SELECT	0	5	28.
07582	IN CORE MOV DET B RNG 5	SELECT	0	5	28.
07583	IN CORE MOV DET B DRIVE ONLY	SELECT	0	5	28.
07584	IN CORE MOV DET B COM GROUP	SELECT	0	5	28.
07585	IN CORE MOV DET C NORMAL	SELECT	0	5	28.
07586	IN CORE MOV DET C CALIBR	SELECT	0	5	28.
07587	IN CORE MOV DET C FOR D	SELECT	0	5	28.
07588	IN CORE MOV DET C RNG 1	SELECT	0	5	28.
07589	IN CORE MOV DET C RNG 2	SELECT	0	5	28.
07590	IN CORE MOV DET C RNG 3	SELECT	0	5	28.
07591	IN CORE MOV DET C RNG 4	SELECT	0	5	28.
07592	IN CORE MOV DET C RNG 5	SELECT	0	5	28.
07593	IN CORE MOV DET C DRIVE ONLY	SELECT	0	5	28.
07594	IN CORE MOV DET C COM GROUP	SELECT	0	5	28.
07595	IN CORE MOV DET D NORMAL	SELECT	0	5	28.
07596	IN CORE MOV DET D CALIBR	SELECT	0	5	28.
07597	IN CORE MOV DET D FOR E	SELECT	0	5	28.
07598	IN CORE MOV DET D RNG 1	SELECT	0	5	28.

POINT	DESCRIPTION	PRIOR	DST	REV.	
07599	IN CORE MOV DET D RNG 2	SELECT	0	5	28.
07600	IN CORE MOV DET D RNG 3	SELECT	0	5	28.
07601	IN CORE MOV DET D RNG 4	SELECT	0	5	28.
07602	IN CORE MOV DET D RNG 5	SELECT	0	5	28.
07603	IN CORE MOV DET D DRIVE ONLY	SELECT	0	5	28.
07604	IN CORE MOV DET D COM GROUP	SELECT	0	5	28.
07605	IN CORE MOV DET E NORMAL	SELECT	0	5	28.
07606	IN CORE MOV DET E CALIBR	SELECT	0	5	28.
07607	IN CORE MOV DET E FOR F	SELECT	0	5	28.
07608	IN CORE MOV DET E RNG 1	SELECT	0	5	28.
07609	IN CORE MOV DET E RNG 2	SELECT	0	5	28.
07610	IN CORE MOV DET E RNG 3	SELECT	0	5	28.
07611	IN CORE MOV DET E RNG 4	SELECT	0	5	28.
07612	IN CORE MOV DET E RNG 5	SELECT	0	5	28.
07613	IN CORE MOV DET E DRIVE ONLY	SELECT	0	5	28.
07614	IN CORE MOV DET E COM GROUP	SELECT	0	5	28.
07615	IN CORE MOV DET F NORMAL	SELECT	0	5	28.
07616	IN CORE MOV DET F CALIBR	SELECT	0	5	28.
07617	IN CORE MOV DET F FOR A	SELECT	0	5	28.
07618	IN CORE MOV DET F RNG 1	SELECT	0	5	28.
07619	IN CORE MOV DET F RNG 2	SELECT	0	5	28.
07620	IN CORE MOV DET F RNG 3	SELECT	0	5	28.
07621	IN CORE MOV DET F RNG 4	SELECT	0	5	28.
07622	IN CORE MOV DET F RNG 5	SELECT	0	5	28.
07623	IN CORE MOV DET F DRIVE ONLY	SELECT	0	5	28.
07624	IN CORE MOV DET F COM GROUP	SELECT	0	5	28.
07655	SG A EFW FLOW HIGH		0	5	99.
07656	SG B EFW FLOW HIGH		0	5	99.
07657	SG C EFW FLOW HIGH		0	5	99.
07658	SG D EFW FLOW HIGH		0	5	99.
07659	SG A EFW FLOW HIGH		0	5	99.
07660	SG B EFW FLOW HIGH		0	5	99.
07661	SG C EFW FLOW HIGH		0	5	99.
07662	SG D EFW FLOW HIGH		0	5	99.
07663	EFW TO SG A ISO VLV A MTR TEMP HIGH		3	3	99.
07664	EFW TO SG B ISO VLV A MTR TEMP HIGH		3	3	99.
07665	EFW TO SG C ISO VLV A MTR TEMP HIGH		3	3	99.
07666	EFW TO SG D ISO VLV A MTR TEMP HIGH		3	3	99.
07667	EFW TO SG A ISO VLV B MTR TEMP HIGH		3	3	99.
07668	EFW TO SG B ISO VLV B MTR TEMP HIGH		3	3	99.
07669	EFW TO SG C ISO VLV B MTR TEMP HIGH		3	3	99.
07670	EFW TO SG D ISO VLV B MTR TEMP HIGH		3	3	99.
07671	EFW PMP A MIN FLOW VLV NOT FULL OPEN		0	5	99.
07672	EFW PMP B MIN FLOW VLV NOT FULL OPEN		0	5	99.
07673	MFP A TURB MAN SPEED CS IN LOCAL		3	3	99.
07674	MFP B TURB MAN SPEED CS IN LOCAL		3	3	99.
07675	MFP A EMER OIL PUMP LOSS OF DC		3	3	99.
07676	MFP B EMER OIL PUMP LOSS OF DC		3	3	99.
07677	EFW TRN A BYP/INOP		2	3	99.
07678	EFW TRN B BYP/INOP		2	3	99.
07679	CT TRN A BYP/INOP		2	3	99.
07680	BUS 2H INCOMING LINE BREAKER CLOSED		0	5	99.
07681	BUS 2H VOLTAGE LOW		3	4	99.
07682	BUS 2H GROUNDED		3	4	99.
07683	BUS 2I INCOMING LINE BREAKER CLOSED		0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07684	BUS 29 VOLTAGE LOW	3	4	99.
07685	BUS 29 GROUNDED	3	4	99.
07686	BUS 1 UAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07687	BUS 1 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07688	BUS 2 UAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07689	BUS 2 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07690	BUS 3 UAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07691	BUS 3 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07692	BUS 4 UAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07693	BUS 4 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07694	BUS E5 UAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07695	BUS E5 RAT BKR CS NORMAL AFTER CLOSE	0	5	99.
07696	BUS E5 DG B BKR CS NORM AFTER CLOSE	0	5	99.
07697	UAT 2A COOLING FANS RUNNING	0	5	99.
07698	UAT 2B COOLING FANS RUNNING	0	5	99.
07699	GEN FIELD RECTIFIER TEMP HIGH	2	4	99.
07700	REACTOR TRIP BREAKER A OPEN	1	2	99.
07701	REACTOR TRIP BREAKER B OPEN	1	2	99.
07702	REACTOR TRIP BYPASS BKR A OPEN	0	5	99.
07703	REACTOR TRIP BYPASS BKR B OPEN	0	5	99.
07704	RX TRIP MANUAL TRAIN A	0	5	99.
07705	RX TRIP MANUAL TRAIN B	0	5	99.
07706	REACTOR TRIP BYPASS BKR A CLOSED	3	2	99.
07707	REACTOR TRIP BYPASS BKR B CLOSED	3	2	99.
07708	REACTOR TRIP BYPASS BKR A CONNECTED	3	2	99.
07709	REACTOR TRIP BYPASS BKR B CONNECTED	3	2	99.
07710	REACTOR TRIP/P-4 ENERGIZED	1	2	99.
07711	CTL ROD BNK A STEP IN PULSE	0	0	29.
07712	CTL ROD BNK A STEP OUT PULSE	0	0	29.
07713	CTL ROD BNK B STEP IN PULSE	0	0	29.
07714	CTL ROD BNK B STEP OUT PULSE	0	0	29.
07715	CTL ROD BNK C STEP IN PULSE	0	0	29.
07716	CTL ROD BNK C STEP OUT PULSE	0	0	29.
07717	CTL ROD BNK D STEP IN PULSE	0	0	29.
07718	CTL ROD BNK D STEP OUT PULSE	0	0	29.
07719	SHTDN BNK A STEP IN PULSE	0	0	29.
07720	SHTDN BNK A STEP OUT PULSE	0	0	29.
07721	SHTDN BNK B STEP IN PULSE	0	0	29.
07722	SHTDN BNK B STEP OUT PULSE	0	0	29.
07723	SHTDN BNK C STEP IN PULSE	0	0	29.
07724	SHTDN BNK C STEP OUT PULSE	0	0	29.
07725	SHTDN BNK D STEP IN PULSE	0	0	29.
07726	SHTDN BNK D STEP OUT PULSE	0	0	29.
07727	SHTDN BNK E STEP IN PULSE	0	0	29.
07728	SHTDN BNK E STEP OUT PULSE	0	0	29.
07729	RPI RODS HAVE MOVED INT	0	5	41.
07730	CTL ROD ON BOTTOM INDICATION	0	5	99.
07731	DIG RPI GRAY CODE-TR A BIT 1 ON	0	0	29.
07732	DIG RPI GRAY CODE-TR A BIT 2 ON	0	0	29.
07733	DIG RPI GRAY CODE-TR A BIT 3 ON	0	0	29.
07734	DIG RPI GRAY CODE-TR A BIT 4 ON	0	0	29.
07735	DIG RPI GRAY CODE-TR A BIT 5 ON	0	0	29.
07736	DIG RPI GRAY CODE-TR B BIT 1 ON	0	0	29.
07737	DIG RPI GRAY CODE-TR B BIT 2 ON	0	0	29.
07738	DIG RPI GRAY CODE-TR B BIT 3 ON	0	0	29.

POINT	DESCRIPTION	PRIOR	DST	REV.
07739	DIG RPI GRAY CODE-TR E BIT 4 ON	0	0	29.
07740	DIG RPI GRAY CODE-TR E BIT 5 ON	0	0	29.
07741	DRPI DATA A PARITY ERROR	3	2	99.
07742	DRPI DATA E PARITY ERROR	3	2	99.
07743	DIG RPI SPARE INPUT ON	0	0	14.
07744	DIG RPI SPARE INPUT ON	0	0	25.
07745	ROD CTL NON-URGENT FAILURE	2	2	99.
07746	ROD CTL URGENT FAILURE	2	2	99.
07747	FL CTL RODS IN MOTION	0	5	99.
07748	PL ROD CTL URGENT FAILURE YES	0	5	41.
07749	TWO OR MORE RODS ON BOTTOM	2	2	99.
07750	DRPI NON-URGENT ALARM	2	2	99.
07751	DRPI URGENT ALARM	2	2	99.
07752	SHUTDOWN ROD OFF TOP INHIBIT	2	2	99.
07753	CONTROL ROD DEVIATION	2	2	99.
07754	ROD DRIVE MOTOR GEN A OR B TROUBLE	2	2	99.
07755	CTL ROD BANK A INSERTION LIMIT LOW	2	2	99.
07756	CTL ROD BANK A INSERTION LIMIT LO-LO	2	2	99.
07757	CTL ROD BANK B INSERTION LIMIT LOW	2	2	99.
07758	CTL ROD BANK B INSERTION LIMIT LO-LO	2	2	99.
07759	CTL ROD BANK C INSERTION LIMIT LOW	2	2	99.
07760	CTL ROD BANK C INSERTION LIMIT LO-LO	2	2	99.
07761	CTL ROD BANK D INSERTION LIMIT LOW	2	2	99.
07762	CTL ROD BANK D INSERTION LIMIT LO-LO	2	2	99.
07763	CTL ROD BANK D AT C-11 ROD STOP	0	5	99.
07771	WEST MS&FW PIPE CHASE TEMP HIGH	3	3	99.
07772	EAST MS&FW PIPE CHASE TEMP HIGH	3	3	99.
07773	CONTM ENCL EMER EXH FN4A RUNNING	0	5	99.
07774	CONTM ENCL EMER EXH FN4B RUNNING	0	5	99.
07775	CONTM ENCL COOL FN5A CS NA STOP	0	5	99.
07776	CONTM ENCL COOL FN5A BKR CLOSED	0	5	99.
07777	CONTM ENCL COOL FN5A CS NAS	0	5	99.
07778	CONTM ENCL COOL FN5B CS NA STOP	0	5	99.
07779	CONTM ENCL COOL FN5B BKR CLOSED	0	5	99.
07780	CONTM ENCL COOL FN5B CS NAS	0	5	99.
07781	CONTM ENCL RETURN FN 31A RUNNING	0	5	99.
07782	CONTM ENCL RETURN FN 31B RUNNING	0	5	99.
07783	CONTM ENCL EMER FLTR 9 TEMP HIGH	2	2	99.
07784	CONTM ENCL EMER FLTR 69 TEMP HIGH	2	2	99.
07785	CONTM SPRAY PUMP A ROOM TEMP HIGH	3	2	99.
07786	SAFETY INJ PUMP A ROOM TEMP HIGH	3	2	99.
07787	CONTM SPRAY PUMP B ROOM TEMP HIGH	3	2	99.
07788	SAFETY INJ PUMP B ROOM TEMP HIGH	3	2	99.
07789	CNTREGL CHG PMP A ROOM TEMP HIGH	3	2	99.
07790	CNTREGL CHG PMP B ROOM TEMP HIGH	3	2	99.
07791	PQS DIS CHG PUMP ROOM TEMP HIGH	3	2	99.
07792	CONTM ENCL EMER FLTR 9 DP HIGH	3	2	99.
07793	CONTM ENCL EMER FLTR 69 DP HIGH	3	2	99.
07794	CONTM ENCL RET FAN SUCT PRES HI/LO	3	2	99.
07795	CONTM ENCL/OUTSIDE ATMOS DP HIGH	0	5	99.
07796	CONTM ENCL/OUTSIDE ATMOS DP LOW	0	5	99.
07797	CONTM ENCL/PAB DP HIGH	0	5	99.
07798	CONTM ENCL/PAB DP LOW	0	5	99.
07800	CONTM SUMP PUMP A BKR CLOSED	0	5	99.
07801	CONTM SUMP PUMP B BKR CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07802	CONTM SUMP PUMP C BKR CLOSED	0	5	99.
07803	CONTM SUMP PUMP D BKR CLOSED	0	5	99.
07804	OUTSIDE BARRIER STEM LEAKOFF TEMP HI	3	2	99.
07805	INSIDE BARRIER STEM LEAKOFF TEMP HI	3	2	99.
07806	RCOT PUMPS OUTLET ORC ISO VLV CLOSED	3	2	99.
07807	RCOT PUMPS OUTLET IFC ISO VLV CLOSED	3	2	99.
07808	CONTM FLOOR SUMP ORC ISO VLV CLOSED	3	2	99.
07809	CONTM FLOOR SUMP IRC ISO VLV CLOSED	3	2	99.
07810	CONTM CLNG UNIT D PCCW FLOW LOW	3	2	99.
07811	CONTM CLNG UNIT A PCCW FLOW LOW	3	2	99.
07812	CONTM CLNG UNIT B PCCW FLOW LOW	3	2	99.
07813	CONTM CLNG UNIT E PCCW FLOW LOW	3	2	99.
07814	CONTM CLNG UNIT F PCCW FLOW LOW	3	2	99.
07815	THERM BARRIER COOL PMP A CS IN STOP	0	5	99.
07816	THERM BARRIER COOL PMP B CS IN STOP	0	5	99.
07817	PCCW HX A TEMP CONT VLVS IN LOCAL	3	2	99.
07818	PCCW HX B TEMP CONT VLVS IN LOCAL	3	2	99.
07819		0	0	99.
07820		0	0	99.
07821	CC-V137 PCCW FROM CRS HX A FULL OPEN	0	5	99.
07822	CC-V145 PCCW FROM RHR HX A FULL OPEN	0	5	99.
07823	CC-V266 PCCW FROM CRS HX B FULL OPEN	0	5	99.
07824	CC-V272 PCCW FROM RHR HX B FULL OPEN	0	5	99.
07825	CC-V32 PCCW TO SF HX A FULL CLOSED	0	5	99.
07826	CC-V445 PCCW TO SF HX B FULL CLOSED	0	5	99.
07827	CC-V341 PCCW FRM LTDN HX FULL CLOSED	0	5	99.
07828	CC-V426 PCCW A TO WPB FULL CLOSED	0	5	99.
07829	CC-V427 PCCW A FRM WPB FULL CLOSED	0	5	99.
07830	CC-V447 PCCW B TO WPB FULL CLOSED	0	5	99.
07831	CC-V448 PCCW B FRM WPB FULL CLOSED	0	5	99.
07832	CC-V256 PCCW FRM CONTM STRUCT CLOSED	0	5	99.
07833	CC-V175 PCCW TO CONTM STRUCT CLOSED	0	5	99.
07834	CC-V257 PCCW FRM CONTM STRUCT CLOSED	0	5	99.
07835	CC-V122 PCCW FRM CONTM STRUCT CLOSED	0	5	99.
07836	CC-V121 PCCW FRM CONTM STRUCT CLOSED	0	5	99.
07837	CC-V168 PCCW TO CONTM STRUCT CLOSED	0	5	99.
07838	PCCW HX A BYP VLV FULLY CLOSED	0	5	99.
07839	PCCW HX B BYP VLV FULLY CLOSED	0	5	99.
07840	PCCW HX A OUT VLV FULLY OPEN	0	5	99.
07841	PCCW HX B OUT VLV FULLY OPEN	0	5	99.
07842	CC-V57 PCCW TO CONTM STRUCT	0	5	99.
07843	CC-V176 PCCW TO CONTM STRUCT CLOSED	0	5	99.
07844	PCCW HD TK A LVL LO-LO CONTM ISO	0	5	99.
07845	PCCW HD TK B LVL LO-LO CONTM ISO	0	5	99.
07846	PCCW HD TK A LVL LO-LO CONTM ISO	0	5	99.
07847	PCCW HD TK B LVL LO-LO CONTM ISO	0	5	99.
07848	CONTM CLNG UNIT C PCCW FLOW LOW	3	2	99.
07849	THERM BARRIER COOL HD TK LEVEL LOW	3	2	99.
07850	CNTRFGL CHG PMP A INOP	0	5	99.
07851	CNTRFGL CHG PMP B INOP	0	5	99.
07852	CHG PMP DISCH COMBINED HDR FLOW HIGH	2	2	99.
07853	CHG PMP DISCH COMBINED HDR FLOW LOW	2	2	99.
07854	VCT LVL HI & DIVERT TO HOLD UP TANKS	2	2	99.
07855	VCT AUTO MAKEUP BLOCKED	2	2	99.
07856	CNTRFGL CHG PUMP A OIL PRESS LOW	0	5	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
07857	CNTRFGL CHG PUMP B OIL PRESS LOW	0	5	99.
07852	BORIC ACID TRANSFER PMP A IN LOCAL	3	2	99.
07860	BORIC ACID TRANSFER PMP A CS NAS	0	5	99.
07864	BORIC ACID TRANSFER PMP A BKR OPEN	0	5	99.
07865	BORIC ACID TRANSFER PMP B IN LOCAL	3	2	99.
07866	BORIC ACID TRANSFER PMP B CS NAS	0	5	99.
07867	BORIC ACID TRANSFER PMP B BKR OPEN	0	5	99.
07868	RWST OUTLET VLV-112D NOT FULL CLOSED	2	1	99.
07869	RWST OUTLET VLV-112E NOT FULL CLOSED	2	1	99.
07870	RCP COMBINED SEAL RET VLV-167 CLOSED	2	1	99.
07871	RCP COMBINED SEAL RET VLV-168 CLOSED	2	1	99.
07872	CHG HEADER CONTM ISO VLV-142 CLOSED	2	1	99.
07873	CHG HEADER CONTM ISO VLV-143 CLOSED	2	1	99.
07874	LTDN CONTM ISO VLV-149 FULL CLOSED	2	1	99.
07875	CHG PMP COMB MIN FLOW VLV-196 CLOSED	2	1	99.
07876	CHG PMP COMB MIN FLOW VLV-197 CLOSED	2	1	99.
07877	TRN A BIT ISO-VLV-65 NOT CLOSED	2	1	99.
07878	TRN B BIT ISO-VLV-66 NOT CLOSED	1	1	99.
07879	VCT OUTLET VLV-112B NOT FULL OPEN	2	2	99.
07880	VCT OUTLET VLV-112C NOT FULL OPEN	2	2	99.
07881	CS-FV7455 NOT FULL OPEN TO VCT	0	5	99.
07882	CS-V-633 FULL CLOSED	0	5	99.
07883	CS-LCV-1024 DIVERTING TO DRAIN TANK	3	2	99.
07884	CS TO PDT LSG VLV-625 FULL CLOSED	0	5	99.
07885	LTDN CONTM ISO VLV-150 FULL CLOSED	2	2	99.
07886	TRN A BIT ISO VLV-65 SS IN LOCAL	3	1	99.
07887	TRN B BIT ISO VLV-66 SS IN LOCAL	3	1	99.
07888	BIT BYP VLV-846 NOT FULL CLOSED	1	1	99.
07889	CNTRFGL CHG PMP FLOW VLV121 IN LOCAL	3	2	99.
07890	LETDOWN DEMINERALIZER FOULED	2	2	99.
07892	TRN A T SIG MANUAL ACTUATION	0	5	99.
07893	TRN B T SIG MANUAL ACTUATION	0	5	99.
07894	BIT BYP VLV-847 NOT FULL CLOSED	1	1	99.
07895	RWST OUTLET VLV-112D SS IN LOCAL	3	1	99.
07896	RWST OUTLET VLV-112E SS IN LOCAL	3	1	99.
07897	TRN A T SIGNAL RESET	0	5	99.
07898	TRN B T SIGNAL RESET	0	5	99.
07900	BORON THERMAL REGEN SYSTEM OFF	0	5	99.
07901	BORON THERMAL REGEN SYSTEM IN BORATE	0	5	99.
07902	BORON THERMAL REGEN SYSTEM IN DILUTE	0	5	99.
07903	SI-CHG PMP XCON V-460 FULL OPEN	0	5	99.
07904	SI-CHG PMP XCON V-461 FULL OPEN	0	5	99.
07905	SI-CHG PMP XCON V-475 FULL OPEN	0	5	99.
07906	T SIGNAL ACTUATION	1	1	99.
07907	BIT INLET ISOLATION VLV-844 NOT OPEN	1	1	99.
07908	RCP D SEAL INJ ISO V154 SS IN LOCAL	3	2	99.
07909	RCP C SEAL INJ ISO V158 SS IN LOCAL	3	2	99.
07910	RCP B SEAL INJ ISO V162 SS IN LOCAL	3	2	99.
07911	RCP A SEAL INJ ISO V166 SS IN LOCAL	3	2	99.
07912	EMER BORATION VLV-436 SS IN LOCAL	3	2	99.
07920	SECCW HX B SW DP HIGH	3	3	99.
07921	SECCW HX A SW DP HIGH	3	3	99.
07922	CLCTWR FAN B OIL PRESS LOW	3	3	99.
07923	UNIT 2 CLCTWR FAN B OIL PRESS LOW	3	3	99.
07924	CLCTWR FAN A OIL PRESS LOW	3	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
07925	SW-V-2 FULL CLOSED	0	5	99.
07926	SW-V-22 FULL CLOSED	0	5	99.
07927	SW-V-29 FULL CLOSED	0	5	99.
07928	SW-V-31 FULL CLOSED	0	5	99.
07929	SW-V-20 FULL CLOSED	0	5	99.
07930	SW-V-19 FULL CLOSED	0	5	99.
07931	SW-V-16 FULL OPEN	0	5	99.
07932	SW-V-18 FULL OPEN	0	5	99.
07933	SW-V-56 FULL CLOSED	0	5	99.
07934	SW-V-27 FULL CLOSED	0	5	99.
07935	SW-V-55 FULL CLOSED	0	5	99.
07936	SW-V-26 FULL CLOSED	0	5	99.
07937	SW-V-15 FULL OPEN	0	5	99.
07938	SW-V-17 FULL OPEN	0	5	99.
07939	SW-V-34 FULL OPEN	0	5	99.
07940	SW-V-23 FULL OPEN	0	5	99.
07941	SW-V-54 FULL OPEN	0	5	99.
07942	SW-V-25 FULL OPEN	0	5	99.
07943	SW-V-44 FULL CLOSED	0	5	99.
07944	SW-V-63 FULL CLOSED	0	5	99.
07945	SW-V-74 FULL CLOSED	0	5	99.
07946	SW-V-76 FULL CLOSED	0	5	99.
07947	SW-V-4 FULL CLOSED	0	5	99.
07948	SW-V-5 FULL CLOSED	0	5	99.
07949	SW-V-46 FULL OPEN	0	5	99.
07950	SW-V-44 FULL OPEN	0	5	99.
07951	SW TRN A PMP DISCH HDR PRESS LOW	0	5	99.
07954	SW TRN B PMP DISCH HDR PRESS LOW	0	5	99.
07960	WPR MECH RM EXH FAN DISCH PRESS LOW	3	3	99.
07961	WPR EXH FILTER 143 DIRTY	3	3	99.
07962	WPR EXH FILTER 143 TEMP HIGH	3	3	99.
07963	WPR FILTER ROOM PRESSURE HIGH	3	3	99.
07964	WPR EXHAUST FLOW LOW	3	3	99.
07965	WPR H2 SURGE TR AREA TEMP HI-LO	3	3	99.
07966	WPR CARBON DELAY BED AREA TEMP HI-LO	3	3	99.
07967	WPR CARBON DELAY BED AREA TEMP HI-LO	3	3	99.
07968	WPR CARBON DELAY BED AREA TEMP HI-LO	3	3	99.
07969	WPR GAS COMPRESSOR AREA TEMP HI-LO	3	3	99.
07970	WPR SG BLDWN ROOM TEMP HI-LO	3	3	99.
07972	WPR EXH FAN 13A BKR OPEN	0	5	99.
07973	WPR EXH FAN 13A CS NAS	0	5	99.
07974	WPR EXH FAN 13B BKR OPEN	0	5	99.
07975	WPR EXH FAN 13B CS NAS	0	5	99.
07976	ROD DRIVE MG B BKR OPEN	3	2	99.
07979	ROD DRIVE MG A BKR OPEN	3	2	99.
07980	EMER FW PUMP HOUSE TEMP HIGH	2	3	99.
07981	EPA FN 47A SS IN LOCAL	3	3	99.
07982	EPA FN 47B SS IN LOCAL	3	3	99.
07983	EPA FN 47A RUNNING	0	5	99.
07984	EPA FN 47B RUNNING	0	5	99.
07985	EMER FW PUMP HOUSE TEMP LOW	3	3	99.
07986	EPA TORNADO DAMPER 373 FULL CLOSED	0	5	99.
07987	EPA TORNADO DAMPER 374 FULL CLOSED	0	5	99.
07988	EPA TORNADO DAMP DP-371 CLOSED	0	5	99.
07989	EPA TORNADO DAMP DP-372 CLOSED	0	5	99.

## ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

REV. NO. 46.

POINT	DESCRIPTION	PRIOR	DST	REV.
07990	NON-ESSEN SWGR ROOM TEMP HIGH	3	4	99.
07991	S6A-FN-48A CTL SW IN RUN	0	5	99.
07992	S6A-FN-48A BKR CLOSED	0	5	99.
07993	S6A-FN-48B CTL SW IN RUN	0	5	99.
07994	S6A-FN-48B BKR CLOSED	0	5	99.
07995	S6A-FN-48C CTL SW IN RUN	0	5	99.
07996	S6A-FN-48C BKR CLOSED	0	5	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
F4017	CW PUMP A LUBE WATER FLOW LOW	3	3	99.
F4018	CW PUMP B LUBE WATER FLOW LOW	3	3	99.
F4021	CW PUMP C LUBE WATER FLOW LOW	3	3	99.
F4040	CW PUMP A RUN & DISCH VLV NOT OPEN	3	3	99.
F4041	CW PUMP B RUN & DISCH VLV NOT OPEN	3	3	99.
F4042	CW PUMP C RUN & DISCH VLV NOT OPEN	3	3	99.
F4043	WATERBOX VACUUM BREAKER VALVE OPEN	3	3	99.
F4044	CW PUMP A TRIP	3	3	99.
F4045	CW PUMP B TRIP	3	3	99.
F4046	CW PUMP C TRIP	3	3	99.
F4092	RHR PUMP A TRIP	1	1	99.
F4093	RHR PUMP B TRIP	1	1	99.
F4099	RHR PUMP A FLOW LO-LO	2	1	99.
F4117	CONDENSATE TRANSFER PUMP TRIP	3	3	99.
F4118	CONTH PRESS CHANNEL TRIP HIGH I	2	1	99.
F4142	CONDENSATE PUMP A TRIP	3	3	99.
F4143	CONDENSATE PUMP B TRIP	3	3	99.
F4144	CONDENSATE PUMP C TRIP	3	3	99.
F4146	HTR DRAIN PUMP A TRIP	2	3	99.
F4149	HTR DRAIN PUMP B TRIP	2	3	99.
F4232	PCCW PUMPS A & C RUNNING	3	2	99.
F4233	PCCW PUMPS B & D RUNNING	3	2	99.
F4234	CHS HX A PCCW FLOW LOW	1	1	99.
F4235	RHR HX A PCCW FLOW LOW	1	1	99.
F4236	CHS HX B PCCW OUTLET FLOW LOW	1	1	99.
F4237	RHR HX B PCCW FLOW LOW	1	1	99.
F4321	PZR GROUP A BACK UP HEATERS TRIPPED	2	2	99.
F4322	PZR GROUP B BACK UP HEATERS TRIPPED	2	2	99.
F4323	PZR CONTROL HEATERS TRIPPED	2	2	99.
F4324	PZR GROUP C BACK UP HEATERS TRIPPED	2	2	99.
F4325	PZR GROUP D BACK UP HEATERS TRIPPED	2	2	99.
F4338	RCP A TRIP	2	2	99.
F4340	RCP A LIFT PUMP PRESSURE LOW	2	2	99.
F4341	RCP B TRIP	2	2	99.
F4343	RCP B LIFT PUMP PRESSURE LOW	2	2	99.
F4344	RCP C TRIP	2	2	99.
F4346	RCP C LIFT PUMP PRESSURE LOW	2	2	99.
F4347	RCP D TRIP	2	2	99.
F4349	RCP D LIFT PUMP PRESSURE LOW	2	2	99.
F4386	RHR SUCT VLV 23 OPEN & RCS PRESS HI	2	1	99.
F4389	RHR SUCT VLV 88 OPEN & RCS PRESS HI	2	1	99.
F4392	RHR SUCT VLV 22 OPEN & RCS PRESS HI	2	1	99.
F4393	RHR SUCT VLV 87 OPEN & RCS PRESS HI	2	1	99.
F4548	SI PUMP A TRIP	1	1	99.
F4554	SI TRAIN A INOP	1	1	99.
F4555	SI TRAIN B INOP	1	1	99.
F4625	CHG PMP A AUX LUBE OIL PMP TROUBLE	2	2	99.
F4626	CHG PMP B AUX LUBE OIL PMP TROUBLE	2	2	99.
F4633	CHG PMP A FLOW LOW	2	2	99.
F4662	POS DIS CHG PMP TRIP	2	2	99.
F4674	BORIC ACID XFER PMP A TRIP	2	2	99.
F4673	BORIC ACID XFER PMP B TRIP	2	2	99.
F4712	SG C STM PRESS LOW	2	3	99.
F4713	SG D STM PRESS LOW	2	3	99.
F4756	SG A LEVEL LO-LV	2	3	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
F4840	SG B LEVEL LO-LO	2	3	99.
F4841	SG C LEVEL LO-LO	2	3	99.
F4850	SG D LEVEL LO-LO	2	3	99.
F4850	SG A STM PRESS LOW	2	3	99.
F4881	SG B STM PRESS LOW	2	3	99.
F4886	TURB POWER ABOVE P13	2	2	99.
F4899	EFW PUMP B TRIP	1	3	99.
F4903	CONTM SPRAY PUMP A TRIP	1	1	99.
F4904	CONTM SPRAY PUMP B TRIP	1	1	99.
F4970	RHR TRAIN A INOP	1	1	99.
F4971	RHR TRAIN B INOP	1	1	99.
F4989	CONTM SPRAY PUMP A FAIL TO START	1	1	99.
F4990	CONTM SPRAY PUMP B FAIL TO START	1	1	99.
F4994	CONTM SPRAY PUMP A DISCH PRESS LOW	1	1	99.
F4995	CONTM SPRAY PUMP B DISCH PRESS LOW	1	1	99.
F4996	CBS TRAIN A INOP	1	1	99.
F4997	CBS TRAIN B INOP	1	1	99.
F4999	RWST EMPTY	1	1	99.
F5046	PR HI FLUX LO SETPOINT CHAN TRIP	2	2	99.
F5073	SERV AIR ISOLATION	3	3	99.
F5092	PAB EXHAUST F-16 FAN A TRIPPED	3	2	99.
F5093	PAB EXHAUST F-16 FAN B TRIPPED	3	2	99.
F5094	CONTM ENCL VENTL DAMPERS FULL CLOSED	3	2	99.
F5096	PR HI FLUX HI SETPOINT CHAN TRIP	2	2	99.
F5099	PR HIGH RATE CHAN TRIP	2	2	99.
F5111	MECH VAC PMP A AUTO START	3	3	99.
F5112	MECH VAC PMP B AUTO START	3	3	99.
F5116	MECH VAC PMP C AUTO START	3	3	99.
F5117	MECH VAC PMP A TRIP	2	3	99.
F5118	MECH VAC PMP B TRIP	2	3	99.
F5119	MECH VAC PMP C TRIP	2	3	99.
F5159	SCCW PUMP A TRIP	3	3	99.
F5166	SCCW PUMP C TRIP	3	3	99.
F5167	SCCW PUMP F TRIP	3	3	99.
F5170	REFUELING POOL/CANAL LEVEL LOW	2	2	99.
F5179	SF DEMIN INLET TEMP HIGH	2	3	99.
F5196	SF PUMP A OR B DISCH FLOW LOW	3	2	99.
F5197	SF PUMPS A AND B DISCH FLOW LO-LO	3	2	99.
F5256	RCP VOLTAGE LOW	2	2	99.
F5259	RCP FREQUENCY LOW	2	2	99.
F5260	TURBINE STOP VALVE CLOSED	2	3	99.
F5261	EHC PRESSURE LOW RPS CHANNEL TRIP	2	3	99.
F5262	REHEATER DRAIN TANK A PRESS LOW	3	3	99.
F5263	REHEATER DRAIN TANK B PRESS LOW	3	3	99.
F5264	REHEATER DRAIN TANK C PRESS LOW	3	3	99.
F5265	REHEATER DRAIN TANK D PRESS LOW	3	3	99.
F5290	CONTM CLG FAN A TRIP	3	2	99.
F5291	CONTM CLG FAN B TRIP	3	2	99.
F5292	CONTM CLG FAN C TRIP	3	2	99.
F5293	CONTM CLG FAN D TRIP	3	2	99.
F5294	CONTM CLG FAN E TRIP	3	2	99.
F5295	CONTM CLG FAN F TRIP	3	2	99.
F5296	CRDM CLG SYSTEM FLOW HI-LO	2	2	99.
F5297	CONTM CLG FANS ALL RUNNING	3	2	99.
F5298	GTCT CHAN TRIP	2	2	99.

ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
F5259	OPDT CHAN TRIP	2	2	99.
F5335	TURB LIFT PUMP A DISCH PRESS LOW	3	3	99.
F5336	TURB LIFT PUMP B DISCH PRESS LOW	3	3	99.
F5337	TURB LIFT PUMP C DISCH PRESS LOW	3	3	99.
F5338	TURB LIFT PUMP D DISCH PRESS LOW	3	3	99.
F5339	TURB LIFT PUMP E DISCH PRESS LOW	3	3	99.
F5340	TURB LIFT PUMP F DISCH PRESS LOW	3	3	99.
F5341	TURB LIFT PUMP G DISCH PRESS LOW	3	3	99.
F5342	TURB LIFT PUMP H DISCH PRESS LOW	3	3	99.
F5343	SI PUMP B TRIP	1	1	99.
F5344	MSIV A,B,C, OR D FULLY CLOSED	2	3	99.
F5405	RMW HEADER PRESS LOW	3	2	99.
F5455	RESP SPECTRUM SEISMIC UNIT TRIGER	2	3	19.
F5540	SV PMP A DISCH VLV FAILED TO OPEN	3	3	99.
F5541	SW PMP H DISCH VLV FAILED TO OPEN	3	3	99.
F5542	SM PMP C DISCH VLV FAILED TO OPEN	3	3	99.
F5343	SV PMP D DISCH VLV FAILED TO OPEN	3	3	99.
F5558	CLGTWR FAN B TRIP	2	3	99.
F5559	UNIT 2 CLGTWR FAN B TRIP	2	3	99.
F5574	CLGTWR PMP A DISCH VLV FAIL TO OPEN	3	3	99.
F5586	EFM TRN R INOP	1	3	99.
F5587	EFM TRN A INOP	1	3	99.
F5588	SU FD PUMP CTL FROM BUS E5	3	3	99.
F5589	SW PMP B TRIP	3	3	99.
F5590	SW PMP C TRIP	3	3	99.
F5591	SW PMP D TRIP	3	3	99.
F5623	THERM BARRIER COOL PMP A CS IN STOP	3	2	99.
F5624	THERM BARRIER COOL PMP B CS IN STOP	3	2	99.
F5699	D6 B GROUNDED	2	4	99.
F5750	PERSONAL AIR LOCK INNER DOOR OPEN	3	2	99.
F5751	PERSONAL AIR LOCK OUTER DOOR OPEN	3	2	99.
F5785	EQUIPMENT HATCH INNER DOOR OPEN	0	0	99.
F5797	EQUIPMENT HATCH OUTER DOOR OPEN	3	2	99.
F5795	CHG PUMP A TRIP	2	2	99.
F5845	CHG PUMP B TRIP	2	2	99.
F5846	IR CHANNEL TRIP	1	1	35.
F5965	SR CHANNEL TRIP	0	0	99.
F5967	SR REACTOR TRIP	1	1	35.
F5968	POWER ABOVE P6	1	1	32.
F5969	POWER ABOVE P8	0	5	99.
F5970	MT CHANNEL IN TEST	0	2	99.
F5971	POWER ABOVE P9	0	5	99.
F5999	POWER ABOVE P10	0	5	99.
F6044	BUS 3 GR INCOMING LINE GROUNDED	3	4	99.
F6414	GEN BKR CLOSE COIL FAILED	3	4	99.
F6430	GEN BKR OPEN	0	5	99.
F6433	GEN BKR SELECT SWITCH NOT IN REMOTE	3	4	99.
F6441	GEN BKR SYS 2 TRIP COIL FAILED	3	4	99.
F6449	GEN BKR SYS 1 TRIP COIL FAILED	3	4	99.
F6580	D6 A GROUNDED	2	4	99.
F6581	BUS 4 GROUNDED	3	4	99.
F6582	BUS E6 NON-DELEGATED BUS GROUNDED	3	4	99.
F6583	BUS E6 GROUNDED	3	4	99.

POINT	DESCRIPTION	PRIOR	DST	REV.
F6587	DG A INOP	1	4	99.
F6588	BUS 4 OR INCOMING LINE GROUNDED	3	4	99.
F6589	BUS 3 GROUNDED	3	4	99.
F6637	DG B INOP	1	4	99.
F6638	BUS E5 NON-SEGREGATED BUS GROUNDED	3	4	99.
F6639	BUS E5 GROUNDED	3	4	99.
F6697	SW-V-20 FAILED TO CLOSE ON TA	2	3	99.
F6698	SW-V-19 FAILED TO CLOSE ON TA	2	3	99.
F6705	SW-V-4 FAILED TO CLOSE ON TA	2	3	99.
F6706	SW-V-5 FAILED TO CLOSE ON TA	2	3	99.
F6708	CLGTWR FAN A TRIP	2	3	99.
F6920	LOSS OF DATA FROM IRTU 1	2	3	45.
F6921	LOSS OF DATA FROM IRTU 2	2	3	45.
F6922	LOSS OF DATA FROM IRTU 3	2	3	45.
F6923	LOSS OF DATA FROM IRTU 4	2	3	45.
F6924	LOSS OF DATA FROM IRTU 5	2	3	45.
F6925	LOSS OF DATA FROM IRTU 6	2	3	45.
F6926	LOSS OF DATA FROM IRTU 7	2	3	45.
F6927	LOSS OF DATA FROM IRTU 8	2	3	45.
F6930	HOST COMPUTER DEGRADED	2	3	45.
F6931	LOSS OF DATA FROM IRTU 9	2	3	45.
F6932	COMPUTER FAILURE-RECOVERY OK	2	3	45.
F6995	CTL RM EMER CLEANUP FANS A&B RUNNING	3	2	99.
F6996	CTL BLDG CLEANUP FLOW FAIL	2	2	99.
F6997	CTL RM RECIRC AIR FLOW LOW	3	2	99.
F6998	CTL RM TRN A MAKEUP AIR ISOL FAILURE	2	2	99.
F6999	CTL RM TRN B MAKEUP AIR ISOL FAILURE	2	2	99.
F7007		0	0	99.
F7009	CTL RM MAKEUP AIR ISOLATION SIGNAL	2	2	99.
F7010	CTL BLDG EXH FAN 15 TRIP	2	2	99.
F7047	EAST AIR INTAKE SMOKE CONC HIGH	2	2	99.
F7048	WEST AIR INTAKE SMOKE CONC HIGH	2	2	99.
F7082	DG A ROOM RETURN FAN TRIP	2	3	99.
F7084	DG B ROOM RETURN FAN TRIP	2	3	99.
F7085	DG ROOM A SUPPLY FAN 25A TRIP	2	4	99.
F7086	DG ROOM B SUPPLY FAN 26R TRIP	2	4	99.
F7111	TA ACTUATION TRN A DISABLED YES	2	3	35.
F7112	TA ACTUATION TRN B DISABLED YES	2	3	35.
F7113	OCEAN/TOWER SWITCHOVER TRN A DISABL	2	3	35.
F7114	OCEAN/TOWER SWITCHOVER TRN B DISABL	2	3	35.
F7142	RHR TRN A SHUTDOWN COOLING FLOW LOW	2	2	99.
F7143	RHR TRN B SHUTDOWN COOLING FLOW LOW	2	2	99.
F7144	RHR PMP A DISCH FLOW LOW-LOW YES	2	2	45.B
F7145	PURV PCV 456A INOPERABLE	2	2	99.
F7146	PURV PCV 456B INOPERABLE	2	2	99.
F7147	RHR PUMP A RUNNING WITH NO SUCT PATH	2	1	99.
F7148	RHR PUMP B RUNNING WITH NO SUCT PATH	2	1	99.
F7149	RHR PUMP B FLOW LO-LO	2	1	99.
F7165	RHR PMP B DISCH FLOW LOW-LOW YES	2	2	45.B
F7249	CONTM ONLINE PURGE SUP FM-73 TRIP	2	2	99.
F7262	COP FN 73 RUNNING & ISOL VLV CLOSED	2	2	99.
F7293	ES BLDG FN 11A DAMPER CLOSED	3	2	99.
F7294	ES BLDG FN 11B DAMPER CLOSED	3	2	99.
F7295	FAH CLN UNIT FAN 11A TRIP	3	2	99.
F7296	FAH CLN UNIT FAN 11B TRIP	3	2	99.

ALARM MESSAGES FOR B, DIGITAL, AND F POINTS

POINT	DESCRIPTION	PRIOR	DST	REV.
F7300	BUS E5 LOSS OF POWER	1	4	99.
F7301	BUS F5 VOLTAGE LOW	2	4	99.
F7302		0	0	99.
F7303		0	0	99.
F7304		0	0	99.
F7305		0	0	99.
F7306		0	0	99.
F7307		0	0	99.
F7308	BUS E5 TIME DELAY LOSS OF POWER TRIP	0	0	99.
F7309	BUS E5 TIME DELAY LOW VOLT TRIP	0	0	99.
F7310	BUS E6 LOSS OF POWER	1	4	99.
F7311	BUS E6 VOLTAGE LOW	2	4	99.
F7312		0	0	99.
F7313		0	0	99.
F7314		0	0	99.
F7315		0	0	99.
F7316		0	0	99.
F7317		0	0	99.
F7318	BUS E6 TIME DELAY LOSS OF POWER TRIP	0	0	99.
F7319	BUS E6 TIME DELAY LOW VOLT TRIP	0	0	99.
F7320	CAP REFUELING EXH FN-35 TRIP	3	2	99.
F7321	BUS E6 UAT INCOMING LN BKR TRIP	3	4	99.
F7322	BUS E6 PAT INCOMING LN BKR TRIP	3	4	99.
F7323	BUS E6 DG INCOMING LN BKR TRIP	3	4	99.
F7324	KCL E522 FEEDER BKR TRIP	3	4	99.
F7325	MCC E622 FEEDER BKR TRIP	3	4	99.
F7326	BUS 1 UAT INCOMING LINE BKR TRIP	3	4	99.
F7327	BUS 1 RAT INCOMING LINE BKR TRIP	3	4	99.
F7328	BUS 2 UAT INCOMING LINE BKR TRIP	3	4	99.
F7329	BUS 2 RAT INCOMING LINE BKR TRIP	3	4	99.
F7330	BUS 3 UAT INCOMING LINE BKR TRIP	3	4	99.
F7331	BUS 3 RAT INCOMING LINE BKR TRIP	3	4	99.
F7332	BUS 4 UAT INCOMING LINE BKR TRIP	3	4	99.
F7333	BUS 4 RAT INCOMING LINE BKR TRIP	3	4	99.
F7334	BUS E5 UAT INCOMING LN BKR TRIP	3	4	99.
F7335	BUS E5 RAT INCOMING LN BKR TRIP	3	4	99.
F7336	BUS E5 DG INCOMING LN BKR TRIP	3	4	99.
F7337	BUS 51/52 PARALLEL OPERATION	3	4	99.
F7338	BUS 51/53 PARALLEL OPERATION	3	4	99.
F7339	BUS 52/53 PARALLEL OPERATION	3	4	99.
F7340	BUS 61/62 PARALLEL OPERATION	3	4	99.
F7341	BUS 61/63 PARALLEL OPERATION	3	4	99.
F7342	BUS 62/63 PARALLEL OPERATION	3	4	99.
F7343	BUS 11/23 PARALLEL OPERATION	3	4	99.
F7344	BUS 12/25 PARALLEL OPERATION	3	4	99.
F7345	BUS 13/26 PARALLEL OPERATION	3	4	99.
F7346	BUS 21/14 PARALLEL OPERATION	3	4	99.
F7347	BUS 14/16 PARALLEL OPERATION	3	4	99.
F7348	BUS 16/21 PARALLEL OPERATION	3	4	99.
F7349	BUS 15/24 PARALLEL OPERATION	3	4	99.
F7350	SO FLASH TANK DIST PMP A TRIP	3	3	99.
F7351	SO FLASH TANK DIST PMP B TRIP	3	3	99.
F7352	RC LOOP 1 FLOW LOW	2	2	99.
F7353	RC LOOP 2 FLOW LOW	2	2	99.
F7354	RC LOOP 3 FLOW LOW	2	2	99.
F7355	RC LOOP 4 FLOW LOW	2	2	99.



POINT	DESCRIPTION	PRIOR	DST	REV.
F7433	RC LOOP 4 FLOW LOW	2	2	99.
F7434	PZR PRESSURE LOW CHANNEL TRIP	2	2	99.
F7435	PZR PRESSURE LOW CHANNEL TRIP	2	2	99.
F7494	PCCW PUMP A TRIP	2	2	99.
F7495	PCCW PUMP B TRIP	2	2	99.
F7496	PCCW PUMP C TRIP	2	2	99.
F7497	PCCW PUMP D TRIP	2	2	99.
F7765	CONTM ENCL/PAB OR OUTSIDE D/P LOW	3	2	99.
F7766	CONTM ENCL/PAB OR OUTSIDE D/P HIGH	3	2	99.
F7767	CONTM ENCL COOL FNSA AUTO START	3	2	99.
F7768	CONTM ENCL COOL FNSB AUTO START	3	2	99.
F7769	CONTM ENCL COOL FNSA TRIP	3	2	99.
F7770	CONTM ENCL COOL FNSB TRIP	3	2	99.
F7799	CONTM ENCL COOL FNSA/SR FLOW HI-LO	3	2	99.
F7858	CHG PMP B FLOW LOW	2	2	99.
F7859		0	0	99.
F7860	PZR PRESS HI CHANNEL TRIP	2	2	99.
F7861	PZR LEVEL HIGH CHANNEL TRIP	2	2	99.
F7915	SW PMP A TRIP	3	3	99.
F7916	CLGTWR PMP B TRIP	3	3	99.
F7917	CLGTWR PMP A TRIP	3	3	99.
F7918	DG A WTR JACKET SW FLOW LOW	2	4	99.
F7919	DG B WTR JACKET SW FLOW LOW	2	4	99.
F7952	SW PMP A AND C RUNNING	3	3	99.
F7953	SW PMP B AND D RUNNING	3	3	99.
F7955	SW TRN A PMP HDR DISCH PRESS LOW	3	3	99.
F7956	SW TRN B PMP HDR DISCH PRESS LOW	3	3	99.
F7957	CLGTWR PMP B DISCH VLV FAIL TO OPEN	3	3	99.
F7958	CLGTWR TRN A FLOW LOW	2	3	99.
F7959	CLGTWR TRN B FLOW LOW	2	3	99.
F7976	WPB EXH FAN 13A TRIP	3	3	99.
F7977	WPB EXH FAN 13B TRIP	3	3	99.
F7997	NON-ESSEN SWGR RM NO SUP FAN RUNNING	3	4	99.

Attachment 3

NEW HAMPSHIRE YANKEE - SEABROOK STATION UNIT 1  
MAIN PLANT COMPUTER SYSTEM

POSTMORTEM REPORT

TRIGGER:           AUTOMATIC (DXXXX)/MANUAL  
DATE OF TRIG:     03/04/86  
TIME OF TRIG:     11:18:15   (± 5 SECONDS)  
TIME OF REPORT:  11:46:15   (± 5 SECONDS)  
REPORT FORMAT:

SECTION #	TIME SURROUNDING TRIGGER (MINS. SECS)		DATA RESOLUTION (: SECS)
	BEFORE	AFTER	
SECTION 1	28:00	28:00	:60
SECTION 2	14:00	14:00	:30
SECTION 3	07:00	07:00	:15
SECTION 4	02:20	02:20	:05

PAGE 1	POINT ID	DESCRIPTION	UNITS	INSTR. TAG NO.	IRTU
	A0300	RC LP 1 FLOW	X	RC -FDY - 414	1
	A0301	RC LP 1 FLOW	X	RC -FDY - 415	2
	A0302	RC LP 1 FLOW	X	RC -FDY - 416	2
	A0303	RC LP 2 FLOW	X	RC -FDY - 424	1
	A0304	RC LP 2 FLOW	X	RC -FDY - 425	2
	A0305	RC LP 2 FLOW	X	RC -FDY - 426	2
	A0306	RC LP 3 FLOW	X	RC -FDY - 434	1
	A0307	RC LP 3 FLOW	X	RC -FDY - 435	2
	A0308	RC LP 3 FLOW	X	RC -FDY - 436	2
	A0309	RC LP 4 FLOW	X	RC -FDY - 444	1
	A0310	RC LP 4 FLOW	X	RC -FDY - 445	2
	A0311	RC LP 4 FLOW	X	RC -FDY - 446	2









Attachment 4

DATE 12/12/85

VIDEO ALARM ARCHIVE REVIEW MPC5-UNIT 1

PAGE 5

VAS SCREEN ALARMS AND RETURNS  
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LOGGER-ONLY ALARMS AND RETURNS  
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12:54:25:530 4822 SG B CHAN I STM PRESS RATE HIGH  
<RTN>12:54:25:580 4822 SG B CHAN I STM PRESS RATE HIGH  
12:54:26:250 4822 SG B CHAN I STM PRESS RATE HIGH  
<RTN>12:54:27:130 4822 SG B CHAN I STM PRESS RATE HIGH  
<RTN>12:54:34:150 4821 SG C CHAN I STM PRESS RATE HIGH  
12:54:35:960 4821 SG C CHAN I STM PRESS RATE HIGH  
<RTN>12:54:36:620 4821 SG C CHAN I STM PRESS RATE HIGH  
12:54:36:830 4821 SG C CHAN I STM PRESS RATE HIGH  
<RTN>12:54:37:400 4821 SG C CHAN I STM PRESS RATE HIGH  
12:54:40: 30 4821 SG C CHAN I STM PRESS RATE HIGH  
<RTN>12:54:40: 40 4821 SG C CHAN I STM PRESS RATE HIGH  
12:54:40: 50 4821 SG C CHAN I STM PRESS RATE HIGH  
<RTN>12:54:40: 60 4821 SG C CHAN I STM PRESS RATE HIGH  
12:54:40:100 4821 SG C CHAN I STM PRESS RATE HIGH  
<RTN>12:54:54: 10 4821 SG C CHAN I STM PRESS RATE HIGH

<RTN>12:55:46:370 5312 TURB GEN BRG 5 VIBRATION HIGH  
12:55:46:380 5312 TURB GEN BRG 5 VIBRATION HIGH  
12:55:47:220 5327 MFP B LP BRG VIBRATION HIHI  
<RTN>12:55:47:330 5327 MFP B LP BRG VIBRATION HIHI  
12:55:47:900 5327 MFP B LP BRG VIBRATION HIHI  
<RTN>12:55:47:910 5327 MFP B LP BRG VIBRATION HIHI  
12:55:47:970 5327 MFP B LP BRG VIBRATION HIHI  
<RTN>12:55:48: 40 5327 MFP B LP BRG VIBRATION HIHI  
12:55:48:440 5327 MFP B LP BRG VIBRATION HIHI  
<RTN>12:55:48:560 5327 MFP B LP BRG VIBRATION HIHI  
12:55:49:210 5327 MFP B LP BRG VIBRATION HIHI  
<RTN>12:55:49:250 5327 MFP B LP BRG VIBRATION HIHI

NUMBER OF DIGITAL ARCHIVE ENTRIES PRINTED= 223