

**Florida
Power**
CORPORATION

March 1, 1990
3F0390-02

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Comments on Risk-Based Inspection Guide
for Crystal River Unit 3

Dear Sir:

FPC's principle comment on the "Risk-Based Inspection Guide for Crystal River Unit 3" is that it does not reflect the results of the current Crystal River Unit 3 Probabilistic Risk Assessment (PRA). Since Batelle's initial information-gathering visit approximately 18 months ago, the CR-3 PRA has been requantified. A package of the results of the latest quantification is enclosed. This quantification resulted in a substantial change in the risk profile due to an update of the plant-specific data base, modifications to the unit, and use of more realistic assumptions in the event sequence analysis.

The major challenges to an effective risk-based inspection program are assuring that the guidance conforms with the latest risk profile of the nuclear unit, and applying the inspection guidance such that it has the maximum effect on safety. We have already addressed the former by enclosing the latest results of the Crystal River 3 PRA. Regarding the latter, there should be more emphasis on component importance to core damage and less on component importance to system reliability. If a system's importance to preventing core damage is relatively small, then its individual components' importance to system reliability are proportionately less important. The technique described in the risk-based inspection guide attempts to take this into account but stops short of relying on the ranking of the components' importance to core damage.

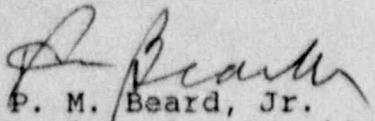
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If you need any further information or have any questions, please contact Mark Averett at (813) 866-4568.

Sincerely,



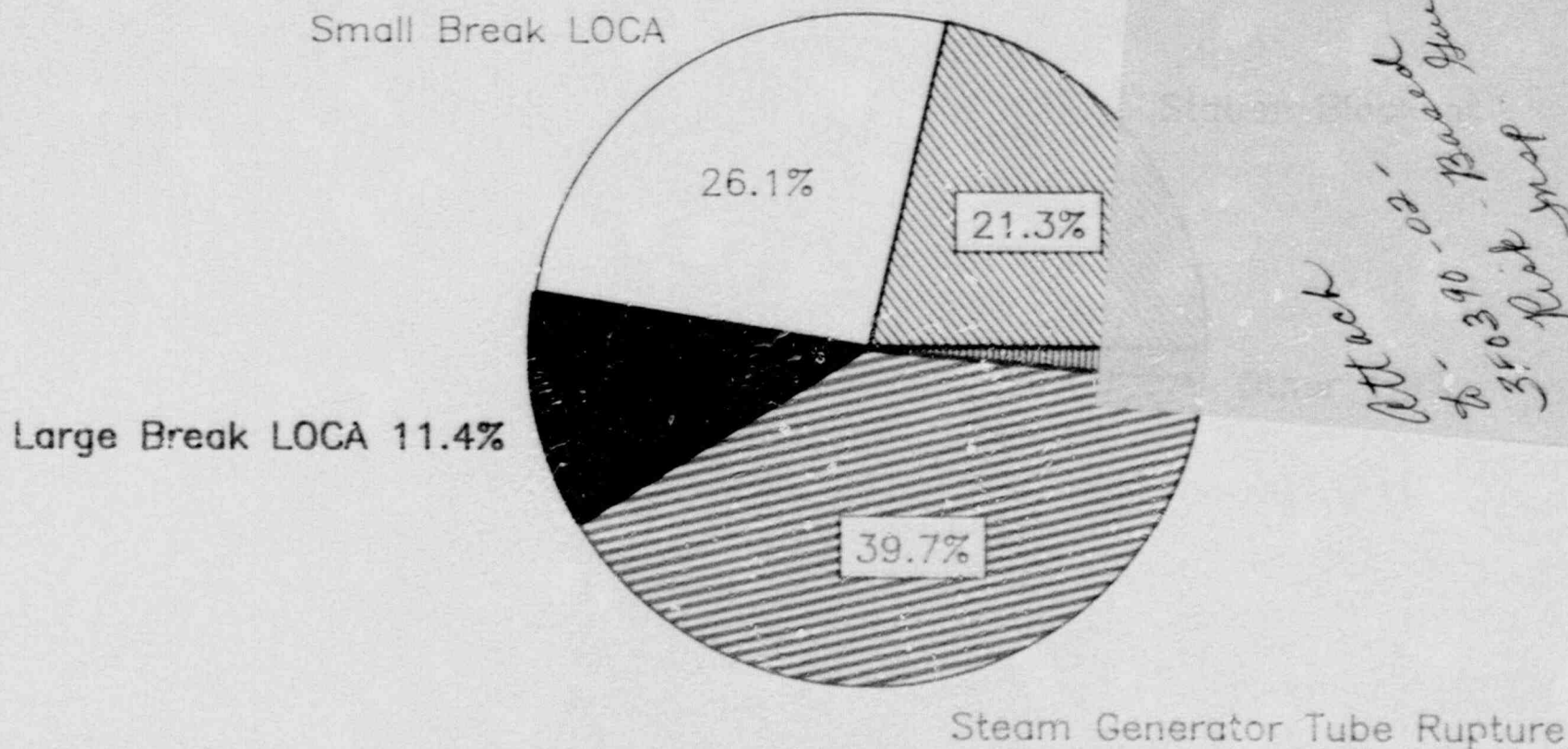
P. M. Beard, Jr.
Senior Vice President
Nuclear Operations

PMB:BPW:MWA

Enclosure

xc: Regional Administrator, Region II
Senior Resident Inspector

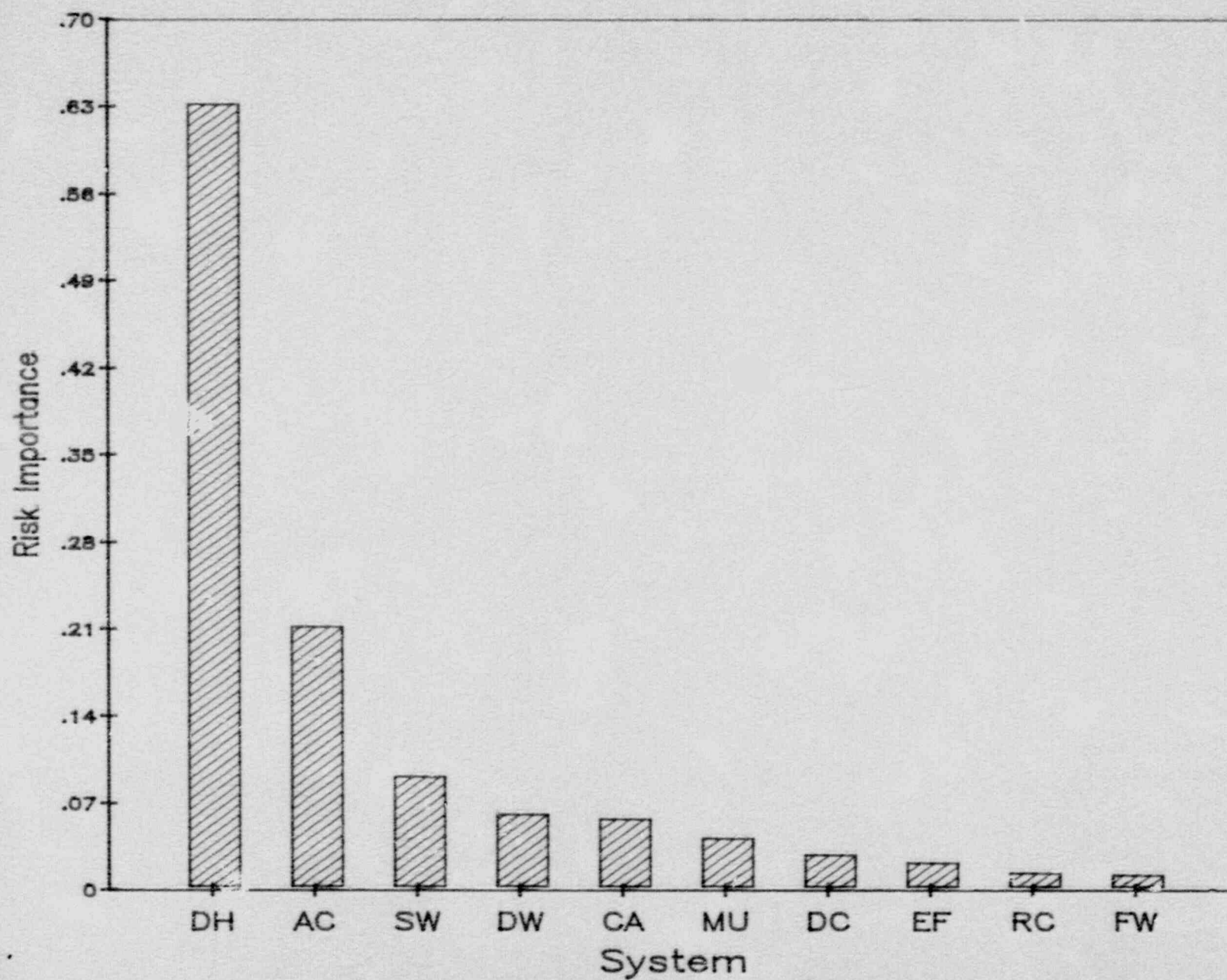
ACCIDENT INITIATOR CONTRIBUTION TO CORE DAMAGE FREQUENCY



CR-3 PRA

Core Damage Frequency = $1.4E-05/\text{year}$

CR-3 System Risk Importance



COMPONENT IMPORTANCES FOR CORE DAMAGE

EGDG-1A	100.0	Diesel Generator A
EGDG-1B	93.6	Diesel Generator B
DHV-3	83.9	Decay Heat Drop Line MOV
DHV-4	83.9	Decay Heat Drop Line MOV
DHV-41	83.9	Decay Heat Drop Line MOV
DHV-SV-CC	50.8	DHV-34,35 - Common Cause
DHV-RV-CC	43.9	DHV-11,12 - Common Cause
CAV-59	43.3	Manual inlet valve to BWST from CAP-1A,B
EGDG-CC	33.8	Diesel Generators - Common Cause
DHV-35	32.1	DH/BS Suction MOV to BWST
DHV-42	32.1	DH/BS Suction MOV to BSWT
DPBA-1A	24.6	Battery A
RWP-3A	23.1	DHCCC Raw Water Pump A
RWP-3B	23.1	DHCCC Raw Water Pump B
LLB-DHV3PI	18.3	DHV-3 Pressure Interlock
LLB-DHV4PI	18.3	DHV-4 Pressure Interlock
MUV-73	18.0	Makeup Suction MOV to BWST - A Side
DWV-325	14.4	WTP-6A,6B Discharge AOV to DWT-1
DWV-346	14.4	WTP-6A,6B Discharge AOV to DWT-1
DWFL-1	12.3	DWP-1A,1B Discharge Filter to BWST
MUP-1C	9.4	Makeup Pump C
DCP-1B	9.2	Decay Heat Closed Cycle Cooling Pump B
DCP-1A	9.2	Decay Heat Closed Cycle Cooling Pump A
DHP-1B	8.9	Decay Heat Pump B
DHP-1A	8.9	Decay Heat Pump A
DHV-11	8.0	MOV Connecting DHP-1A Discharge to HPI
DHV-12	8.0	MOV Connecting DHP-1B Discharge to HPI
EFPP-2	7.7	Steam-Driven Emergency Feedwater Pump
DPBA-1B	7.3	Battery B
DHV-IV-CC	6.9	DHV-34,35 - Common Cause
RCV-10	5.7	Pilot-Operated Relief Valve (PORV)
DHV-34	5.2	DH/BS Suction MOV to BWST (A Side)
DHV-35	5.2	DH/BS Suction MOV to BWST (B Side)
DPBA-CC	5.1	DPBA-1A,1B - Common Cause
DHV-5	5.0	DHP-1A Injection MOV
DHV-6	5.0	DHP-1B Injection MOV
DHSUMP	4.3	Reactor Building Sump
DHCE-1A	4.2	DHCCC-A Heat Exchanger
DHCE-1B	4.2	DHCCC-B Heat Exchanger
DHV-69	4.1	BWST Vacuum Breaker Valve
DHV-70	4.1	BWST Vacuum Breaker Valve
RWP3-CC	4.0	RWP-3A,3B - Common Cause
DCP-CC	4.0	DCP-1A,1B - Common Cause
DHP-CC	2.8	DHP-1A,B - Common Cause
HCB-MUP-1C	1.9	Circuit Breaker - MUP-1C
MUP-1A	1.9	Makeup Pump A
MUP-1B	1.9	Makeup Pump B
MUV-58	1.6	Makeup Suction MOV to BWST - B Side
MUV-1	1.5	MUP-1C Discharge Check Valve
MUV-2	1.5	MUP-1C Discharge Stop Check Valve
LCB-DHP-1B	1.5	Circuit Breaker - DHP-1B
LCB-DHP-1A	1.5	Circuit Breaker - DHP-1A
MUV-60	1.4	Makeup Suction Check Valve to BWST
RWP-37	1.3	RWP-3A Discharge Check Valve

RWV-34	1.3	RWP-3B Discharge Check Valve
CAP-1A	1.1	Chemical Addition Pump 1A
CAP-1B	1.1	Chemical Addition Pump 1B
WTP-6A	1.1	Water Treatment Pump 6A
WTP-6B	1.1	Water Treatment Pump 6B
DWP-1A	1.1	Demineralized Water Pump 1A
DWP-1B	1.1	Demineralized Water Pump 1B
ACB-3210	1.0	Breaker 3210 - Diesel Generator B
ACB-3209	1.0	Breaker 3209 - Diesel Generator A
RCV-14	0.7	Pressurizer Spray MOV
MTTR-48I	0.5	Intake Auxiliary Transformer 3A
QTL-7B1	0.5	EFIC Trip Channel 7B1
QTL-7B2	0.5	EFIC Trip Channel 7B2
ARO-3307	0.5	Overcurrent Relay (Breaker 3307, Intake)
MUV-72	0.4	Makeup Suction Check Valve to BWST
AHHE-30B	0.3	DCP-1B Air Handling Unit
AHHE-30A	0.3	DCP-1A Air Handling Unit
DHV-33	0.2	DH/BS Suction Check Valve to BWST (A)
DHV-36	0.2	DH/BS Suction Check Valve to BWST (B)
CAV-75	0.2	Manual inlet valve to BWST from CAP-1A,B
DHV-1	0.2	DHP-1A Discharge Check Valve
DHV-2	0.2	DHP-1B Discharge Check Valve
DWV-2	0.2	
DWV-117	0.2	
DWV-181	0.2	
CDV-227	0.2	
DWV-135	0.2	
DWV-326	0.2	
DWV-327	0.2	
EFV-5	0.2	EFP-2 Discharge Check Valve
EFV-8	0.2	EFP-2 Discharge Stop Check Valve
EFV-34	0.2	EFP-2 Recirculation Line Check Valve
DHV-111	0.1	DHP-1B Discharge MOV
DHV-110	0.1	DHP-1A Discharge MOV
DOV-160	0.1	RWP-3A Flush Water Inlet Manual Valve
DOV-175	0.1	RWP-3A Flush Water Inlet Manual Valve
DOV-176	0.1	RWP-3A Flush Water Inlet Manual Valve
DCV-43	0.1	
DCV-45	0.1	
RWV-18	0.1	
DOV-164	0.1	RWP-3B Flush Water Inlet Manual Valve
DOV-183	0.1	RWP-3B Flush Water Inlet Manual Valve
DOV-184	0.1	RWP-3B Flush Water Inlet Manual Valve
DCV-44	0.1	
DCV-46	0.1	
RWV-17	0.1	
DHHE-1B	0.1	
DHHE-1A	0.1	
ACB	0.1	
DCV-2	0.1	
DCV-4	0.1	
DCV-14	0.1	
DCV-16	0.1	
DCV-20	0.1	
DCV-1	0.1	
DCV-3	0.1	
DCV-13	0.1	
DCV-15	0.1	
DCV-19	0.1	
MT-48I	0.1	

QSW-TL7B	0.0
QLB-VBAB	0.0
QLB-VCAB	0.0
EGFL-1A	0.0
ASV-5	0.0
ASV-204	0.0
ALI	0.0
ASV-50	0.0
EFV-4	0.0
EFV-23	0.0
EFV-49	0.0
EFV-50	0.0
EFV-51	0.0
EFV-52	0.0
EFV-53	0.0
EFV-54	0.0
DWT-1	0.0
WTT-1	0.0
LTE	0.0
MUV-59	0.0
LPS	0.0
DHV-32	0.0
DHV-21	0.0
ALB	0.0
API	0.0
RCV-13	0.0
RRY	0.0
QRY-7B1	0.0
QRY-7B2	0.0
EGP-1A	0.0
DCT-1B	0.0
DCT-1A	0.0
RSW	0.0
RPS	0.0
APN	0.0
ARU	0.0

EFIC Channel 7B Manual Select Switch

EVENT IMPORTANCES FOR CORE DAMAGE

R	100.0	STEAM GENERATOR TUBE RUPTURE
S	65.8	SMALL BREAK LOCA
XRBWSTH	63.4	REFILL BWST - HUMAN
HNOMAIN	61.2	NO MAKEUP PUMPS IN MAINTENANCE
T3	45.9	LOSS OF OFFSITE POWER
A	28.6	LARGE BREAK LOCA
LMV0003N	25.9	DHV-3 FAILS TO OPEN
LMV0004N	25.9	DHV-4 FAILS TO OPEN
LMV0041N	25.9	DHV-41 FAILS TO OPEN
AC024H	21.4	OFFSITE POWER NOT RESTORED IN 4HR 50MIN
XALPRH	16.4	OPERATOR FAILS TO GO TO LPR (30M)
LMVSVCCF	15.8	DHV-42,43 CCF TO OPEN
LMVRVCCF	13.6	DHV-11,12 CCF TO OPEN
BXVCV59N	13.4	CAV-59 FAILS TO OPEN
ADGES3BM	13.1	EDG-3B IN MAINTENANCE
ADGES3AM	10.5	EDG-3A IN MAINTENANCE
LMV0043N	9.9	DHV-43 FAILS TO OPEN
LMV0042N	9.9	DHV-42 FAILS TO OPEN
ADGES3BA	8.8	EDG-3B FAILS TO START
ADGES3AA	8.1	EDG-3A FAILS TO START
AC0550M	7.2	OFFSITE POWER NOT RESTORED IN 50 MIN.
LLBPT03F	5.7	DHV3 PRESSURE INTERLOCK FAILS TO RELEASE
LLBPT04F	5.7	DHV4 PRESSURE INTERLOCK FAILS TO RELEASE
HMV0073N	5.4	MUV-73 FAILS TO OPEN ON DEMAND
ADGCCFTS	5.4	EDG CCF TO START
XHPR12H	5.2	OPERATOR FAILS TO GO TO HPR (12H)
ADG3A4HF	5.1	EDG-A FAILS TO RUN (4 HOURS)
SPMRW3AM	4.9	RWP-3A IN MAINTENANCE
SPMRW3BM	4.9	RWP-3B IN MAINTENANCE
ACDGB	4.6	DGB FAILS TO RUN, B>A=0
ACDGA	4.6	DGA/BTA FTR AFTER 4 HRS
WAVD325K	4.5	DWV-325 TRANSFERS CLOSED
WAVD346K	4.5	DWV-346 TRANSFERS CLOSED
WFLDFL1P	3.8	FILTER DWFL-1 PLUGGED
ADGSCCFR	3.8	EDG CCF TO RUN
LMVDV11N	2.5	DHV-11 FAILS TO OPEN
LMVDV12N	2.5	DHV-12 FAILS TO OPEN
DBTALBCX	2.3	BATTERY CHARGERS MISCALIBRATED
QTPEFP2A	2.2	EFP-2 FAILS TO START
LMVIVCCF	2.1	DHV-34,35 CCF TO OPEN
HCVTHROT	2.0	OVERTHROTTLING OF ALL MUP DISCH. VALVES
HPM001CA	2.0	MUP-1C FAILS TO START
SPMRW3AA	1.8	RWP-3A FAILS TO START
SPMRW3BA	1.8	RWP-3B FAILS TO START
LMV0034N	1.6	DHV-34 FAILS TO OPEN
LMV0035N	1.6	DHV-35 FAILS TO OPEN
DBTCCFTR	1.6	BATTERY CCF (t>0) - SBO
LMV0005N	1.6	DHV-5 FAILS TO OPEN
LMV0006N	1.6	DHV-6 FAILS TO OPEN
RSVRC10N	1.5	SOLENOID VALVE FAILS TO OPEN ON DEMAND
LPM001BA	1.5	DHP-1B FAILS TO START
LPM001AA	1.5	DHP-1A FAILS TO START
SPMDP1BA	1.5	DCP-1B FAILS TO START
SPMDP1AA	1.5	DCP-1A FAILS TO START

ADGCCFTR	1.4	EDG CCF TO RUN
LSPSCRNP	1.3	RB SUMP SCREEN PLUGGED
SHXDC1AF	1.3	DCHE-1A SEAWATER SIDE PLUGGED
SHXDC1BF	1.3	DCHE-1B SEAWATER SIDE PLUGGED
LRV0069N	1.3	VACUUM BREAKER FAILS TO OPEN
LRV0070N	1.3	VACUUM BREAKER FAILS TO OPEN
DBT03B1F	1.1	BATTERY SECTION 3B1 FAILS
DBT03B2F	1.1	BATTERY SECTION 3B2 FAILS
ACDGAB1	1.0	DGA/BTA AND DGB FTR, $A < B$
ACDGAB3	1.0	DGA/BTA AND DGB FTR, $B < B+4 < A$
SPMR3CFS	1.0	RWP-3A, 3B CCF TO START
SPMDCCFS	1.0	DCP-1A, 1B CCF TO START
SPMDHCBM	0.9	DHCCC TRAIN B IN MAINTENANCE
SPMDHCAM	0.9	DHCCC TRAIN A IN MAINTENANCE
LPM001AM	0.9	DHP-1A TRAIN IN MAINTENANCE
LPM001BM	0.9	DHP-1B TRAIN IN MAINTENANCE
LPMCCPTS	0.7	DHP-1A, 1B CCF TO START
HCBHP1CC	0.6	PUMP CIRCUIT BREAKER FAILS TO CLOSE
HPM001CM	0.6	MUP-1C IN MAINTENANCE
HPM001AM	0.6	MUP-1A IN MAINTENANCE
HPM001BM	0.6	MUP-1B IN MAINTENANCE
ACDGAB2	0.6	DGA/BTA AND DGB FTR, $B < A < 4$
HO0130M	0.5	GO TO RECIRC EARLY OR ISOLATE OPEN BWST
HMV0058K	0.5	MUV-58 TRANSFERS CLOSED
SPMRW3AF	0.5	RWP-3A FAILS TO OPERATE
SPMRW3BF	0.5	RWP-3B FAILS TO OPERATE
HCV0001N	0.5	MUV-1 FAILS TO OPEN
HCV0002N	0.5	MUV-2 FAILS TO OPEN
LCBDHPBC	0.5	CIRCUIT BREAKER FAILS TO CLOSE
LCBDHPAC	0.5	CIRCUIT BREAKER FAILS TO CLOSE
HCV0060N	0.4	MUV-60 FAILS TO OPEN
SCVRW37N	0.4	RWV-37 FAILS TO OPEN
SCVRW34N	0.4	RWV-34 FAILS TO OPEN
SPMDP1BF	0.4	DCP-1B FAILS TO OPERATE
SPMDP1AF	0.4	DCP-1A FAILS TO OPERATE
LPM001BF	0.4	DHP-1B FAILS TO RUN
LPM001AF	0.4	DHP-1A FAILS TO RUN
HPM001CF	0.4	MUP-1C FAILS TO RUN
BPMCA1AM	0.4	CAP-1A IN MAINTENANCE
BPMCA1BM	0.4	CAP-1B IN MAINTENANCE
WPMWT6AM	0.4	WTP-6A IN MAINTENANCE
WPMWT6BM	0.4	WTP-6B IN MAINTENANCE
WPMDW1AM	0.4	DWP-1A IN MAINTENANCE
WPMDW1BM	0.4	DWP-1B IN MAINTENANCE
ACB3210C	0.3	BREAKER FAILS TO CLOSE
ACB3209C	0.3	BREAKER FAILS TO CLOSE
LMV0042X	0.3	DHV-42 ALIGNED OPEN
LMV0043X	0.3	DHV-43 ALIGNED OPEN
SPMR3CFR	0.3	RWP-3A, 3B CCF TO RUN
SPMDCCFR	0.3	DCP-1A, 1B CCF TO RUN
ACDGAS	0.2	DGA/BTA FAILS TO RUN, $A > BTB = 0$
RRVRC10N	0.2	PORV (MAIN VALVE) FAILS TO OPEN GIVEN TH
RMVRC14N	0.2	RCV-14 FAILS TO OPEN ON DEMAND
LPMCCFTR	0.2	DHP-1A, 1B CCF TO RUN
ATAIN3AF	0.2	INTAKE AUX TRANSFORMER 3A FAILS
HMV0073K	0.2	MUV-73 TRANSFERS CLOSED
QTL07B1F	0.1	TRIP CHANNEL FAILS TO TRIP
QTL07B2F	0.1	TRIP CHANNEL FAILS TO TRIP
QTPEFP2F	0.1	EFP-2 FAILS TO RUN
HCV0072N	0.1	MUV-72 FAILS TO OPEN

DBT03A1F	0.1	BATTERY SECTION 3A1 FAILS
DBT03A2F	0.1	BATTERY SECTION 3A2 FAILS
LMV0003X	0.1	DHV-3 LEFT UNAVAILABLE
LMV0004X	0.1	DHV-4 LEFT UNAVAILABLE
LMV0041X	0.1	DHV-41 LEFT UNAVAILABLE
BXVCV75X	0.1	CAV-75 MISALIGNED CLOSED
WXVDWV2X	0.1	DWV-2 MISALIGNED CLOSED
WXVD117X	0.1	DWV-117 MISALIGNED CLOSED
WXVD181X	0.1	DWV-181 MISALIGNED CLOSED
WAVD325X	0.1	DWV-325 MISALIGNED CLOSED
WAVD346X	0.1	DWV-346 MISALIGNED CLOSED
WXVC227X	0.1	CDV-227 MISALIGNED CLOSED
WXVD135X	0.1	DWV-135 MISALIGNED CLOSED
WXVD326X	0.1	DWV-326 MISALIGNED CLOSED
WXVD327X	0.1	DWV-327 MISALIGNED CLOSED
LMV0003K	0.1	DHV-3 TRANSFERS CLOSED
LMV0004K	0.1	DHV-4 TRANSFERS CLOSED
LMV0041K	0.1	DHV-41 TRANSFERS CLOSED
SCLH30BF	0.1	AIR HANDLING UNIT AHHE-30B FAILS
SCLH30AF	0.1	AIR HANDLING UNIT AHHE-30A FAILS
LCV0033N	0.1	CHECK VALVE FAILS TO OPEN
LCV0036N	0.1	CHECK VALVE FAILS TO OPEN
BXVCV75K	0.1	CAV-75 TRANSFERS CLOSED
LCV0001N	0.1	CHECK VALVE FAILS TO OPEN
LCV0002N	0.1	CHECK VALVE FAILS TO OPEN
WXVDWV2K	0.1	DWV-2 TRANSFERS CLOSED
WXVD117K	0.1	DWV-117 TRANSFERS CLOSED
WXVD181K	0.1	DWV-181 TRANSFERS CLOSED
WXVC227K	0.1	CDV-227 TRANSFERS CLOSED
WXVD135K	0.1	DWV-135 TRANSFERS CLOSED
WXVD326K	0.1	DWV-326 TRANSFERS CLOSED
WXVD327K	0.1	DWV-327 TRANSFERS CLOSED
ARO307AF	0.0	OC RELAY (BKR 3307) TRIPS (1 OF 3)
ARO307BF	0.0	OC RELAY (BKR 3307) TRIPS (1 OF 3)
ARO307CF	0.0	OC RELAY (BKR 3307) TRIPS (1 OF 3)
QCVEF05N	0.0	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF08N	0.0	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF34N	0.0	CHECK VALVE FAILS TO OPEN ON DEMAND
HCV0002X	0.0	MUV-2 MISALIGNED
HXV0059X	0.0	MUV-59 MISALIGNED CLOSED
LMVDH43X	0.0	DHV-43 NOT RESTORED FOLLOWING MAINT.
LMVDH42X	0.0	DHV-42 NOT RESTORED FOLLOWING MAINT.
HMVMV58X	0.0	MUV-58 LEFT UNAVAILABLE BY OPERATOR
SPMDHCBX	0.0	DCP-1B NOT RESTORED TO SERVICE
SXVDCV2X	0.0	DCV-2 MISALIGNED
SXVDCV4X	0.0	DCV-4 MISALIGNED
SXVDV14X	0.0	DCV-14 MISALIGNED
SXVDV16X	0.0	DCV-16 MISALIGNED
SXVDV20X	0.0	DCV-20 MISALIGNED
SPMDHCAX	0.0	DCP-1A NOT RESTORED TO SERVICE
SXVDCV1X	0.0	DCV-1 MISALIGNED
SXVDCV3X	0.0	DCV-3 MISALIGNED
SXVDV13X	0.0	DCV-13 MISALIGNED
SXVDV15X	0.0	DCV-15 MISALIGNED
SXVDV19X	0.0	DCV-19 MISALIGNED
LXV0032X	0.0	DHV-32 MISALIGNED
LXV0021X	0.0	DHV-21 MISALIGNED
LMV0043K	0.0	DHV-43 TRANSFERS CLOSED
LMV0042K	0.0	DHV-42 TRANSFERS CLOSED
LMV0111K	0.0	DHV-111 TRANSFERS CLOSED

LMV0110K	0.0	DHV-110 TRANSFERS CLOSED
SXVD160K	0.0	DOV-160 TRANSFERS CLOSED
SXVD175K	0.0	DOV-175 TRANSFERS CLOSED
SXVD176K	0.0	DOV-176 TRANSFERS CLOSED
SXVDC43K	0.0	DCV-43 TRANSFERS CLOSED
SXVDC45K	0.0	DCV-45 TRANSFERS CLOSED
SXVRW18K	0.0	RWV-18 TRANSFERS CLOSED
SXVD164K	0.0	DOV-164 TRANSFERS CLOSED
SXVD183K	0.0	DOV-183 TRANSFERS CLOSED
SXVD184K	0.0	DOV-184 TRANSFERS CLOSED
SXVDC44K	0.0	DCV-44 TRANSFERS CLOSED
SXVDC46K	0.0	DCV-46 TRANSFERS CLOSED
SXVRW17K	0.0	RWV-17 TRANSFERS CLOSED
LHXDH1BF	0.0	DHHE-1B FAILS
LHXDH1AF	0.0	DHHE-1A FAILS
SXVDCV2K	0.0	DCV-2 TRANSFERS CLOSED
SXVDCV4K	0.0	DCV-4 TRANSFERS CLOSED
SXVDV14K	0.0	DCV-14 TRANSFERS CLOSED
SXVDV16K	0.0	DCV-16 TRANSFERS CLOSED
SXVDV20K	0.0	DCV-20 TRANSFERS CLOSED
SXVDCV1K	0.0	DCV-1 TRANSFERS CLOSED
SXVDCV3K	0.0	DCV-3 TRANSFERS CLOSED
SXVDV13K	0.0	DCV-13 TRANSFERS CLOSED
SXVDV15K	0.0	DCV-15 TRANSFERS CLOSED
SXVDV19K	0.0	DCV-19 TRANSFERS CLOSED
AB348INF	0.0	480 V INTAKE BUS 3 FAILS
QSWTL7BS	0.0	CHANNEL 7B MANUAL SELECT SWITCH SHORTED
QLBVBABF	0.0	PRESSURE LOGIC FAILS - VECTOR CHANNEL B
QLBVCABF	0.0	PRESSURE LOGIC FAILS - VECTOR CHANNEL C
ACB3217R	0.0	BREAKER TRANSFERS OPEN
ACB3307R	0.0	BREAKER TRANSFERS OPEN
AFL3A4HP	0.0	EDG-A AIR INTAKES CLOG (4 HOURS)
LMVDV11X	0.0	DHV-11 LEFT UNAVAILABLE
LMVDV12X	0.0	DHV-12 LEFT UNAVAILABLE
LMVDV11K	0.0	DHV-11 TRANSFERS CLOSED
LMVDV12K	0.0	DHV-12 TRANSFERS CLOSED
QMVA005N	0.0	ASV-5 FAILS TO OPEN ON DEMAND
QMVA204N	0.0	ASV-204 FAILS TO OPEN ON DEMAND
LMV0005X	0.0	DHV-5 LEFT UNAVAILABLE
LMV0006X	0.0	DHV-6 LEFT UNAVAILABLE
LMV0034K	0.0	DHV-34 TRANSFERS CLOSED
LMV0035K	0.0	DHV-35 TRANSFERS CLOSED
LMV0005K	0.0	DHV-5 TRANSFERS CLOSED
LMV0006K	0.0	DHV-6 TRANSFERS CLOSED
QCVEF08X	0.0	STOP VALVE MISALIGNED CLOSED
QTPEFP2Z	0.0	OPERATOR FAILS TO RESTORE EFP-2 TRAIN
QXVAS50X	0.0	ASV-50 MISALIGNED CLOSED
QXVEFP2X	0.0	PUMP COOLING LINES MISALIGNED CLOSED
QXVAS50K	0.0	ASV-50 TRANSFERS CLOSED
QXVEF04K	0.0	PUMP SUCTION VALVE TRANSFERS CLOSED
QXVEF23K	0.0	MANUAL VALVE TRANSFERS CLOSED
QXVEF49K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF50K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF51K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF52K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF53K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF54K	0.0	COOLING LINE VALVE TRANSFERS CLOSED
WTKDWT1J	0.0	DWT-1 FAILS
WTKWTT1J	0.0	WTT-1 FAILS
HXV0059K	0.0	MUV-59 TRANSFERS CLOSED

LTEBT08L	0.0	TEMPERATURE ELEMENT TE-8 FAILS LOW
ALIDTB1F	0.0	DAY TANK LEVEL SENSORS FAILS
ALIDTB2F	0.0	DAY TANK LEVEL SENSORS FAILS
QCMPCALL	0.0	EFIC PRESS. CONTROL SETPOINTS CAL. LOW
ALIDTA1F	0.0	DAY TANK LEVEL SENSOR 1A FAILS
ALIDTA2F	0.0	DAY TANK LEVEL SENSOR 2A FAILS
LXV0032K	0.0	DHV-32 TRANSFERS CLOSED
LXV0021K	0.0	DHV-21 TRANSFERS CLOSED
RMVRC13X	0.0	BLOCK VALVE RCV-13 ALIGNED CLOSED
ALB3A4HF	0.0	EDG A CONTROL LOGIC FAILS (4 HOURS)
LPSDH2AF	0.0	DHHE-2A FAILS TO SHUT OFF
LPSDH2BF	0.0	DHHE-2B FAILS TO SHUT OFF
RMVRC13K	0.0	RCV-13 TRANSFERS CLOSED
RMVRC14K	0.0	RCV-14 TRANSFERS CLOSED
QRY07B1E	0.0	TRIP RELAY 7B1 FAILS TO ENERGIZE
QRY07B2E	0.0	TRIP RELAY 7B2 FAILS TO ENERGIZE
AFNAC1AF	0.0	COMPRESSOR (EDG A) FAILS
APIAT1AF	0.0	ACCUMULATOR AIR PRESSURE SENSOR A FAILS
STKDCTBJ	0.0	DCT-1B SURGE TANK RUPTURES
STKDCTAJ	0.0	DCT-1A SURGE TANK RUPTURES
LTEBT8LX	0.0	TE-8 CALIBRATED LOW
RRY20XOE	0.0	CONTROL RELAY FAILS TO ENERGIZE
LMV0111N	0.0	DHV-111 FAILS TO OPEN
LMV0111X	0.0	DHV-111 MISALIGNED
LMV0110N	0.0	DHV-110 FAILS TO OPEN
LMV0110X	0.0	DHV-110 MISALIGNED
LTEBT09L	0.0	TEMPERATURE ELEMENT TE-9 FAILS LOW
LTEBT10L	0.0	TEMPERATURE ELEMENT TE-10 FAILS LOW
RSWR14CF	0.0	CLOSE PUSHBUTTON SHORTED
RSWR14OF	0.0	OPEN PUSHBUTTON CONTACTS FAIL OPEN
RPS3RC3S	0.0	PRESSURE SWITCH SPURIOUSLY CLOSES ON
RRY426ME	0.0	RELAY 42/6MR FAILS TO ENERGIZE
APIAT1BF	0.0	ACCUMULATOR AIR PRESSURE SENSOR B FAILS
APNAC1BF	0.0	COMPRESSOR (EDG B) FAILS
LTEB10LX	0.0	TE-10 CALIBRATED LOW
LTEBT9LX	0.0	TE-9 CALIBRATED LOW
QMVA005K	0.0	ASV-5 TRANSFERS CLOSED
QMVA204K	0.0	ASV-204 TRANSFERS CLOSED
ARU307AF	0.0	UV RELAY (BKR 3307) TRIPS (1 OF 2)
ARU307BF	0.0	UV RELAY (BKR 3307) TRIPS (1 OF 2)

PLANT DAMAGE CLASS	SEQUENCE NAME	FREQ. MEASURE	PER- CENT (%)	ACCIDENT SEQUENCE EVENTS
9	RXZ	3.52E-06	24.5 R	
			LMDHRSF	XRBWSTH
7	AX	9.35E-07	6.5 A	
			XALPRH	
9	RXZ	7.66E-07	5.3 R	
			BMM5975F	LMDHRSF
5	SX	7.29E-07	5.1 S	
			LMVRVCCF	
5	SX	7.29E-07	5.1 S	
			LMVSVCCF	
9	RXZ	5.65E-07	3.9 R	
			LMDHRSF	WMMDWT1
5	SX	3.00E-07	2.1 S	
			XHPR12H	
1	TBL1U	2.76E-07	1.9 T3	
			ADGCCFTS	AC024H
1	TBL1U	2.63E-07	1.8 T3	
			AMMDG3AA	ADGES3BM
			AC024H	
1	TBL1U	2.63E-07	1.8 T3	
			ADGES3AM	AMMDG3BA
			AC024H	
9	RXZ	2.39E-07	1.7 R	
			LMDHRSF	WMMDWFL
1	TBL1U	2.23E-07	1.5 T3	
			ADGES3BM	AMMDGA4F
			AC024H	
1	TBL1U	2.15E-07	1.5 T3	
			ADGSCCFR	
1	TBL1U	2.03E-07	1.4 T3	
			ADGES3AM	ACDCB
1	TBL1U	2.02E-07	1.4 T3	
			ADGES3BM	ACDGA
8	RU	1.74E-07	1.2 R	
			HMMP1CDF	HMV0073N
5	SX	1.43E-07	1.0 S	
			LMMDV42F	LMMDV43F
5	SX	1.43E-07	1.0 S	
			LMMDV11F	LMMDV12F
1	TBL1U	1.29E-07	.9 T3	
			DBTALBCX	AC0550M
7	AX	1.22E-07	.8 A	
			LMVSVCCF	
7	AU	1.22E-07	.8 A	
			LMVIVCCF	
1	TBL1U	1.10E-07	.8 T12	
			AMMDG3AF	AMMDG3BF
			AC0550M	
1	TBL1U	1.09E-07	.8 T3	
			AMMDGCCF	QMMEFP2
			AC0550M	
1	TBL1U	1.08E-07	.7 T12	
			AMMDGCCF	AC0550M
1	TBL1U	1.03E-07	.7 T12	
			ADGES3AM	AMMDG3BF

			AO0550M	
1	TBL1U	1.03E-07	.7 T12	
			ADGES3BM	AMMDG3AF
			AO0550M	
5	SX	1.02E-07	.7 S	
			LMMDV42F	SPMRW3BM
5	SX	1.02E-07	.7 S	
			LMMDV43F	SPMRW3AM
1	TBL1U	9.03E-08	.6 T3	
			DBTCCFTR	
1	TBL1U	8.88E-08	.6 T3	
			ADGES3AM	DMMBT3BD
			AC0550M	
8	RU	8.60E-08	.6 R	
			HCVTHROT	
1	TBL1U	7.97E-08	.6 T3	
			AMMDG3AA	AMMDG3BA
			AC024H	
1	TBL1U	6.75E-08	.5 T3	
			AMMDG3BA	AMMDGA4F
			AC024H	
5	SX	6.60E-08	.5 S	
			LSPSCRNP	
5	SX	6.38E-08	.4 S	
			LMMDV42F	SMMRW3BF
5	SX	6.38E-08	.4 S	
			LMMDV43F	SMMRW3AF
9	RXZ	6.17E-08	.4 R	
			RMMRC10W	RMMRCPLP
			XRBWSTH	
1	TBL1U	6.15E-08	.4 T3	
			AMMDG3AA	ACDGB
1	TBL1U	6.13E-08	.4 T3	
			AMMDG3BA	ACDGA
4	SU	6.08E-08	.4 S	
			HMMP1CDF	HMV0073N
5	SX	6.05E-08	.4 S	
			SMDCCCCF	
5	SX	6.05E-08	.4 S	
			SMMRW3CF	
1	TBL1U	5.67E-08	.4 T3	
			ACDGAB3	
1	TBL1U	5.67E-08	.4 T3	
			ACDGAB1	
5	SX	5.46E-08	.4 S	
			LMMDV42F	LMMHEBCF
5	SX	5.46E-08	.4 S	
			LMMDV43F	LMMHEACF
8	RU	5.34E-08	.4 R	
			LMMBWSTF	
5	SX	4.53E-08	.3 S	
			SMMRW3AF	SPMRW3BM
5	SX	4.53E-08	.3 S	
			SMMRW3BF	SPMRW3AM
5	SX	4.47E-08	.3 S	
			LMMDHPAF	LMMDV43F
5	SX	4.47E-08	.3 S	
			LK...HPBF	LMMDV42F
5	SX	4.21E-08	.3 S	
			LMMDV43F	SMDHCCA

5	SX	4.21E-08	.3 S	LMMDV42F	SMMDHCCB
8	RU	4.08E-08	.3 R	HMM5B60F	HMV0073N
5	SX	3.88E-08	.3 S	LMMHEBCF	SPMRW3AM
5	SX	3.88E-08	.3 S	LMMHEACF	SPMRW3BM
7	AU	3.86E-08	.3 A	LMPMCCF	
2	TBL1L2X	3.38E-08	.2 T1	LMVRVCCF	PMMDEAF
				QMMEFW12	
2	TBL1L2X	3.38E-08	.2 T1	LMVSVCCF	PMMDEAF
				QMMEFW12	
1	TBL1U	3.24E-08	.2 T3	ACDGAB2	
5	SX	3.17E-08	.2 S	LMDHPAF	SPMRW3BM
5	SX	3.17E-08	.2 S	LMDHPBF	SPMRW3AM
3	TQX	3.03E-08	.2 T6	LMVSVCCF	RCSRVC
3	TQX	3.03E-08	.2 T6	LMVRVCCF	RCSRVC
4	SU	3.00E-08	.2 S	HCVTKROT	
5	SX	2.99E-08	.2 S	SMMDHCCB	SPMRW3AM
5	SX	2.99E-08	.2 S	SMMDHCCA	SPMRW3BM
5	SX	2.97E-08	.2 S	LMDV43F	SPMDHCAH
5	SX	2.97E-08	.2 S	LMDV42F	SPMDHCBH
1	TBL1U	2.93E-08	.2 T3	AMMDG3AA	ADGES3BM
				QMMEF2	AC0550H
1	TBL1U	2.93E-08	.2 T3	AMMDG3BA	ADGES3AM
				QMMEF2	AC0550H
5	SX	2.84E-08	.2 S	SMWRW3AF	SMWRW3BF
1	TBL1U	2.69E-08	.2 T3	AMMDG3AA	DMMBT3BD
				AC0550H	
7	AU	2.61E-08	.2 A	LMM0105F	LMM0206F
7	AU	2.59E-08	.2 A	LMM0206F	LMM3433F
7	AU	2.59E-08	.2 A	LMM0105F	LMM3536F
7	AU	2.58E-08	.2 A	LMM3433F	LMM3536F
7	AX	2.50E-08	.2 A	LMM0105F	LMDV43F
7	AX	2.50E-08	.2 A	LMM0206F	LMDV42F
5	SX	2.43E-08	.2 S		

			LMMHEACF	SMMRW3BF
5	SX	2.43E-08	.2 S	
			LMMHEBCF	SMMRW3AF
7	AX	2.39E-08	.2 A	
			LMMDV42F	LMMDV43F
5	SX	2.08E-08	.1 S	
			LMMHEACF	LMMHEBCF
8	RU	2.05E-08	.1 R	
			HMV0073N	HPM001CF
9	RXZ	2.03E-08	.1 R	
			LMDHRSF	WPMWT6AM
			WPMWT6BM	
9	RXZ	2.03E-08	.1 R	
			BPMCA1AM	BPMCA1BM
			LMDHRSF	
9	RXZ	2.03E-08	.1 R	
			LMDHRSF	WPMW1AM
			WPMW1BM	
9	RXZ	2.02E-08	.1 R	
			AMMINT3F	LMDHRSF
1	TBL1U	1.99E-08	.1 T12	
			AD0550M	DMMBTCMF
5	SX	1.99E-08	.1 S	
			LMDHPBF	SMMRW3AF
5	GX	1.99E-08	.1 S	
			LMDHPAF	SMMRW3BF
5	SX	1.87E-08	.1 S	
			SMMDHCCB	SMMRW3AF
5	SX	1.87E-08	.1 S	
			SMMDHCCA	SMMRW3BF
4	SU	1.86E-08	.1 S	
			LMMBWSTF	
7	AU	1.76E-08	.1 A	
			LMM3433F	SPMRW3BM
7	AU	1.76E-08	.1 A	
			LMM3536F	SPMRW3BF
1	TBL1U	1.74E-08	.1 T3	
			ADGES3BM	ACB3210C
			AC024H	
1	TBL1U	1.74E-08	.1 T3	
			ADGES3AM	ACB3209C
			AC024H	
5	SX	1.70E-08	.1 S	
			LMDHPBF	LMMHEACF
5	SX	1.70E-08	.1 S	
			LMDHPAF	LMMHEBCF
7	AX	1.70E-08	.1 A	
			LMMDV43F	SPMRW3AM
7	AX	1.70E-08	.1 A	
			LMMDV42F	SPMRW3BM
5	SX	1.68E-08	.1 S	
			HPM001BM	LMVSVCCF
5	SX	1.68E-08	.1 S	
			HPM001CM	LMVRVCCF
5	SX	1.68E-08	.1 S	
			HPM001BM	LMVRVCCF
5	SX	1.68E-08	.1 S	
			HPM001AM	LMVSVCCF
5	SX	1.68E-08	.1 S	
			HPM001CM	LMVSVCCF

5	SX	1.68E-08	.1 S	HPM001AM	LMVRVCCF
8	RU	1.68E-08	.1 R	HMM7273F	HMMF1CDF
7	AU	1.68E-08	.1 A	LMM0105F	LPM001BM
7	AU	1.68E-08	.1 A	LMM0206F	LPM001AM
7	AU	1.67E-08	.1 A	LMM3433F	LPM001BM
7	AU	1.67E-08	.1 A	LMM3536F	LPM001AM
2	TBL1L2X	1.67E-08	.1 T8	LMMDV12F	QMMEFP2
2	TBL1L2X	1.67E-08	.1 T8	PMMDEAF	QMMEFP2
7	AX	1.61E-08	.1 A	LMMDV42F	LPM001BM
7	AX	1.61E-08	.1 A	LMMDV43F	LPM001AM
5	SX	1.60E-08	.1 S	LMMHEBCF	SMMDHCCA
5	SX	1.60E-08	.1 S	LMMHEACF	SMMDHCCB
8	RU	1.50E-08	.1 R	LMV0043X	H00130M
8	RU	1.50E-08	.1 R	LMV0042X	H00130M
1	TBL1U	1.49E-08	.1 T3	ADGES3BM	DMMBT3AD
4	SU	1.42E-08	.1 S	AC024H	
5	SX	1.39E-08	.1 S	HMM5860F	HMV0073N
9	RXZ	1.34E-08	.1 R	LMMDHPAF	LMDHPBF
5	SX	1.32E-08	.1 S	BMM5975F	RMMRC10N
5	SX	1.32E-08	.1 S	RMMRCPLP	
5	SX	1.32E-08	.1 S	SMMRW3AF	SPMDHCBM
5	SX	1.32E-08	.1 S	SMMRW3BF	SPMDHCBM
5	SX	1.31E-08	.1 S	LMDHPBF	SMDHCCA
5	SX	1.31E-08	.1 S	LMDHPAF	SMDHCCB
1	TBL1U	1.30E-08	.1 T3	DMMBT3BD	ACDGAS
1	TBL1U	1.29E-08	.1 T8	AMMEB3BF	PMMDEAF
1	TBL1U	1.29E-08	.1 T9	AMMEB3AF	PMMDEAF
9	RXZ	1.27E-08	.1 R	RMMRCPLP	RRVRC10H
9	RXZ	1.26E-08	.1 R	XRBSWTH	
				RMMRC10H	RMMSPRAY
				XRBSWTH	

3	TQX	1.25E-08	.1 T6	
			RCSRVS	XHPR12H
5	SX	1.23E-08	.1 S	
			SMDHCCA	SMDHCCB
2	TBL1L2X	1.20E-08	.1 T2	
			LMVRVCCF	QMMEFW12
			PROFWT2Y	
2	TBL1L2X	1.20E-08	.1 T2	
			LMVSVCCF	QMMEFW12
			PROFWT2Y	
9	RXZ	1.16E-08	.1 R	
			LMMPMCCF	XRBWSTH
5	SX	1.13E-08	.1 S	
			LMMHEACF	SPMDHCBM
5	SX	1.13E-08	.1 S	
			LMMHEBCF	SPMDHCBM
7	AU	1.11E-08	.1 A	
			LMM3433F	SMMRW3BF
7	AU	1.11E-08	.1 A	
			LMM3536F	SMMRW3AF
7	AX	1.10E-08	.1 A	
			LSPSCRNP	
7	AX	1.06E-08	.1 A	
			LMMDV43F	SMMRW3AF
7	AX	1.06E-08	.1 A	
			LMMDV42F	SMMRW3BF
9	RXZ	1.01E-08	.1 R	
			LMMDHRSF	WMMWTT1
7	AU	1.01E-08	.1 A	
			SMDCCCCF	
7	AU	1.01E-08	.1 A	
			SMMRW3CF	

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TOTAL: 1.44E-05 100.00% of CM Total Frequency 1.44E-05

Systems/Functions

A001	AC Power ('A' side - LOOP)
A051	AC Power ('B' side - LOOP)
C001	Core Flood
D001	DC Power ('A' side)
D051	DC Power ('B' side)
D001	DC Power ('A' side - SBO)
D051	DC Power ('B' side - SBO)
H001	Makeup
H101	High Pressure Injection
H301	High Pressure Recirculation
I01	RB Spray Injection
I11	RB Spray Recirculation
L001	Low Pressure Injection
L101	Low Pressure Recirculation
L201	Decay Heat Removal
P001	Main Feedwater/ICS
Q001	Emergency Feedwater
S001	Nuclear Services Closed Cycle Cooling
S800	Decay Heat Closed Cycle Cooling - 'A' side
S801	Decay Heat Closed Cycle Cooling - 'B' side
V001	RB Ventilation

COMPONENT IMPORTANCES FOR A001

EGDG-1A	100.0	Diesel Generator A
EGDG-CC	1.1	Diesel Generators - Common Cause
ACB-3209	1.0	Breaker 3209 - Diesel Generator A
ARO	0.1	
EGFL-1A	0.1	
MT-B2-EA	0.0	
ALB	0.0	
ALI	0.0	
EGP-1A	0.0	
API	0.0	

EVENT IMPORTANCES FOR A001 -----

ADGES3AM	100.0	EDG-3A IN MAINTENANCE
ADGES3AF	76.3	EDG-3A FAILS TO RUN
ADGES3AA	29.8	EDG-3A FAILS TO START
ACB3209C	2.0	BREAKER FAILS TO CLOSE
ADGCCFTR	1.6	EDG CCF TO RUN
ADGCCFTS	0.6	EDG CCF TO START
AFLDG3AP	0.2	AIR INTAKE CLOGS
ARO209AF	0.1	OC RELAY (BKR 3209) TRIPS (1 OF 3)
ARO209BF	0.1	OC RELAY (BKR 3209) TRIPS (1 OF 3)
ARO209CF	0.1	OC RELAY (BKR 3209) TRIPS (1 OF 3)
AB24KEAF	0.0	4.16 KV ES BUS 3A FAILS
ALB3ALSF	0.0	LOAD SHED LOGIC FAILS
ALBDG3AF	0.0	EDG-3A CONTROL LOGIC FAILS
ACPAC3AF	0.0	COMPRESSOR FAILS
APIAT3AF	0.0	ACCUMULATOR AIR PRESSURE SENSOR FAILS
ALIDTA1F	0.0	DAY TANK LEVEL SENSOR 1A FAILS
ALIDTA2F	0.0	DAY TANK LEVEL SENSOR 2A FAILS

COMPONENT IMPORTANCES FOR A051

EGDG-1B	100.0	Diesel Generator B
EGDG-CC	1.1	Diesel Generators - Common Cause
ACB-3210	1.0	Breaker 3210 - Diesel Generator B
ARO	0.1	
EGFL-1B	0.1	
MT-B2-EB	0.0	
ALB	0.0	
ALI	0.0	
EGP-1B	0.0	
API	0.0	

EVENT IMPORTANCES FOR A051

ADGES3BM	100.0	EDG-3B IN MAINTENANCE
ADGES3BF	76.3	EDG-3B FAILS TO RUN
ADGES3BA	29.8	EDG-3B FAILS TO START
ACB3210C	2.0	BREAKER FAILS TO CLOSE
ADGCCPTR	1.6	EDG CCF TO RUN
ADGCCPTS	0.6	EDG CCF TO START
AFLDG3BP	0.2	AIR INTAKE CLOGS
ARO210AF	0.1	OC RELAY (BKR 3210) TRIPS (1 OF 3)
ARO210BF	0.1	OC RELAY (BKR 3210) TRIPS (1 OF 3)
ARO210CF	0.1	OC RELAY (BKR 3210) TRIPS (1 OF 3)
AB24KEBF	0.0	4.16 KV ES BUS 3B FAILS
ALB3BLSF	0.0	LOAD SHED LOGIC FAILS
ALBDG3BF	0.0	EDG-3B CONTROL LOGIC FAILS
ACPAC3BF	0.0	COMPRESSOR FAILS
APIAT3BF	0.0	ACCUMULATOR AIR PRESSURE SENSOR FAILS
ALIDTB1F	0.0	DAY TANK LEVEL SENSORS FAILS
ALIDTB2F	0.0	DAY TANK LEVEL SENSORS FAILS

COMPONENT IMPORTANCES FOR D001

DPDP-1A	100.0	DC Distribution Panel 1A
DPBC-1F	11.0	Battery Charger F - B Side Spare
DPBC-1C	8.3	Battery Charger C - A Side
DPBC-1A	8.3	Battery Charger A - A Side
DPBA-1A	5.1	Battery A
DRU	1.7	Battery Charger Undervoltage Relays
DP-VENT	1.1	Battery Room Ventilation
DRO	0.5	Battery Charger Overcurrent Relays
DCB	0.1	
DCD	0.1	
DDS	0.1	1200 Amp Discriminator

EVENT IMPORTANCES FOR D001 -----

DBDDP1AF	100.0	DISTRIBUTION PANEL FAILS
DACPWRNR	12.4	AC NOT RESTORED BEFORE BATTERIES DEplete
DBCSPARF	11.0	SPARE BATTERY CHARGER FAILS
DBC003CF	8.3	BATTERY CHARGER FAILS
DBC003AF	8.3	BATTERY CHARGER FAILS
DBT03A1F	2.6	BATTERY SECTION 3A1 FAILS
DBT03A2F	2.6	BATTERY SECTION 3A2 FAILS
DVNABACF	1.1	BATTERY ROOM VENTILATION FAILS
DRUSARUF	0.7	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DRUBCCUF	0.5	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DRUBCAUF	0.5	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DBCSPARX	0.5	SPARE CHARGER LEFT UNAVAILABLE
DBC003CX	0.3	CHARGER LEFT UNAVAILABLE
DBC003AX	0.3	CHARGER LEFT UNAVAILABLE
DROSAROF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DROBCCOF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DROBCAOF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DBTALBCX	0.2	BATTERY CHARGERS MISCALIBRATED
DDS0B3AF	0.1	1200 AMP DISCRIMINATOR FAILS
DCBSPARR	0.1	BREAKER ON MCC FAILS OPEN
DCDSPARR	0.1	BREAKER ON DC PANEL FAILS TO OPEN
DCBA1ARR	0.0	BREAKER ON MCC FAILS OPEN
DCD1A12R	0.0	FEEDER BREAKER FAILS
DCBA1ALR	0.0	BREAKER ON MCC FAILS OPEN
DCD1AU6R	0.0	BREAKER ON DC PANEL FAILS OPEN

COMPONENT IMPORTANCES FOR D051

DPDP-1B	100.0	DC Distribution Panel 1B
DPBC-1F	11.0	Battery Charger F - B Side Spare
DPBC-1D	8.3	Battery Charger D - B Side
DPBC-1B	8.3	Battery Charger B - B Side
DPBA-1B	5.1	Battery B
DRU	1.7	Battery Charger Undervoltage Relays
DP-VENT	1.1	Battery Room Ventilation
DRO	0.5	Battery Charger Overcurrent Relays
DCB	0.1	
DCD	0.1	
DDS	0.1	1200 Amp Discriminator

EVENT IMPORTANCES FOR D051

DBDDP1BF	100.0	DISTRIBUTION PANEL FAILS
DACPWRNR	12.4	AC NOT RESTORED BEFORE BATTERIES DEplete
DBCSPARF	11.0	SPARE BATTERY CHARGER FAILS
DBC003DF	8.3	BATTERY CHARGER FAILS
DBC003BF	8.3	BATTERY CHARGER FAILS
DBT03B1F	2.6	BATTERY SECTION 3B1 FAILS
DBT03B2F	2.6	BATTERY SECTION 3B2 FAILS
DVNABACF	1.1	BATTERY ROOM VENTILATION FAILS
DRUSARUF	0.7	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DRUBCDUF	0.5	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DRUBCBUF	0.5	CHARGER UNDERVOLTAGE RELAY TRIPS EARLY
DBCSPARX	0.5	SPARE CHARGER LEFT UNAVAILABLE
DBC003DX	0.3	CHARGER LEFT UNAVAILABLE
DBC003BX	0.3	CHARGER LEFT UNAVAILABLE
DROSAROF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DROBCDOF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DROBCBOF	0.2	CHARGER OVERCURRENT RELAY TRIPS EARLY
DBTALBCX	0.2	BATTERY CHARGERS MISCALIBRATED
DDS0B3BF	0.1	1200 AMP DISCRIMINATOR FAILS
DCBSPARR	0.1	BREAKER ON MCC FAILS OPEN
DCDSPARR	0.1	BREAKER ON DC PANEL FAILS TO OPEN
DCBB3ARR	0.0	BREAKER ON MCC FAILS OPEN
DCD1B11R	0.0	BREAKER ON DC PANEL FAILS OPEN
DCBA3ALR	0.0	BREAKER ON MCC FAILS OPEN
DCD1B17R	0.0	BREAKER ON DC PANEL FAILS OPEN

COMPONENT IMPORTANCES FOR D001SBO

DPBA-1A	100.0	Battery A
DP-VENT	21.3	Battery Room Ventilation
DPDP-1A	3.2	DC Distribution Panel 1A
DDS	1.6	1200 Amp Discriminator

EVENT IMPORTANCES FOR D001SBO

DBT03A1F	100.0	BATTERY SECTION 3A1 FAILS
DBT03A2F	100.0	BATTERY SECTION 3A2 FAILS
DVNABACF	42.6	BATTERY ROOM VENTILATION FAILS
DBDDP1AF	6.5	DISTRIBUTION PANEL FAILS
DBTALBCX	5.9	BATTERY CHARGERS MISCALIBRATED
DDS0B3AF	3.2	1200 AMP DISCRIMINATOR FAILS

COMPONENT IMPORTANCES FOR D051SBO

DPBA-1B	100.0	Battery B
DP-VENT	21.3	Battery Room Ventilation
DPDP-1B	3.2	DC Distribution Panel 1B
DDS	1.6	1200 Amp Discriminator

EVENT IMPORTANCES FOR D051SBO

DBT03B1F	100.0	BATTERY SECTION 3B1 FAILS
DBT03B2F	100.0	BATTERY SECTION 3B2 FAILS
DVNABACF	42.6	BATTERY ROOM VENTILATION FAILS
DBDDP1BF	6.5	DISTRIBUTION PANEL FAILS
DBTALBCX	5.9	BATTERY CHARGERS MISCALIBRATED
DDS0B3BF	3.2	1200 AMP DISCRIMINATOR FAILS

COMPONENT IMPORTANCES FOR H001

MUV-73	100.0	Makeup Suction MOV to BWST - A Side
MUV-103	58.4	Makeup Suction Valve from RC Bleed Tanks
MUV-108	58.4	Makeup Suction Valve from RC Bleed Tanks
MUP-1C	52.9	Makeup Pump C
DHV-69	20.8	BWST Vacuum Breaker Valve
DHV-70	20.8	BWST Vacuum Breaker Valve
MUP-1B	17.9	Makeup Pump B
MUV-58	11.9	Makeup Suction MOV to BWST - B Side
MUP-1A	11.3	Makeup Pump A
HCB-MUP-1C	10.9	Circuit Breaker - MUP-1C
MUV-1	8.8	MUP-1C Discharge Check Valve
MUV-2	8.8	MUP-1C Discharge Stop Check Valve
MUV-60	8.8	Makeup Suction Check Valve to BWST
MUP-CC	8.6	Makeup Pumps A and C - Common Cause
MUV-72	4.7	Makeup Suction Check Valve to BWST
IA	2.0	Instrument Air
HLT-MUT	1.8	Makeup Tank Level Transmitter
WDV-91	1.3	RCBT Discharge Check Valve
HCB-MUP-1A	0.5	Circuit Breaker - MUP-1A
MUV-10	0.5	MUP-1C Discharge Stop Check Valve
MUV-11	0.5	MUP-1C Discharge Check Valve
MUV-27	0.4	Makeup Line Discharge MOV
HPL	0.4	
HPO	0.4	
PFL	0.4	Instrument Air Dryer Filter
MUV-64	0.2	
MUV-69	0.2	MUP-1A,1B Suction Crosstie MOV
MUV-59	0.0	
LPS	0.0	
LTE	0.0	
MUV-70	0.0	
IAV-11	0.0	
IAV-13	0.0	
IAV-17	0.0	
IAV-19	0.0	
IAV-93	0.0	
IAV-94	0.0	
HEP	0.0	
MUV-68	0.0	

EVENT IMPORTANCES FOR H001

HNOMAIN	100.0	NO MAKEUP PUMPS IN MAINTENANCE
HMV0073N	71.5	MUV-73 FAILS TO OPEN ON DEMAND
HAV0103N	43.9	MUV-103 FAILS TO OPEN ON DEMAND
HAV0108N	43.9	MUV-108 FAILS TO OPEN ON DEMAND
HPM001CA	28.1	MUP-1C FAILS TO START
LRV0069N	15.7	VACUUM BREAKER FAILS TO OPEN
LRV0070N	15.7	VACUUM BREAKER FAILS TO OPEN
HPM001BF	10.3	MUP-1B FAILS TO CONTINUE TO RUN
HCBHP1CC	8.3	PUMP CIRCUIT BREAKER FAILS TO CLOSE
HMV0058K	7.4	MUV-58 TRANSFERS CLOSED
HPM001CF	7.3	MUP-1C FAILS TO RUN
HCV0001N	6.6	MUV-1 FAILS TO OPEN
HCV0002N	6.6	MUV-2 FAILS TO OPEN
HCV0060N	6.6	MUV-60 FAILS TO OPEN
HPMCCFTS	5.2	MAKEUP PUMP CCF TO START
HPM001CM	4.5	MUP-1C IN MAINTENANCE
HMV0073K	4.0	MUV-73 TRANSFERS CLOSED
HCV0072N	3.6	MUV-72 FAILS TO OPEN
HPM001AF	3.6	MUP-1A FAILS TO RUN
HMVRCBTY	3.4	OPERATOR FAILS TO OPEN RC BLEED TANK
HPM001AM	3.2	MUP-1A IN MAINTENANCE
HPM001BM	3.2	MUP-1B IN MAINTENANCE
HPM001AA	1.8	MUP-1A FAILS TO START
HMV0058N	1.5	MUV-58 FAILS TO OPEN ON DEMAND
HLTMUTHH	1.4	MUT LEVEL TRANSMITTER FAILS HIGH
HPMCCFTR	1.2	MAKEUP PUMP CCF TO RUN
HCVWD91N	1.0	WDV-91 FAILS TO OPEN
PIASYSTC	1.0	MAJOR IA SYSTEM CONTAMINATION
HINJVLVY	0.7	CREW FAILS TO START ALTERNATE MUP
HCV0002X	0.6	MUV-2 MISALIGNED
HXV0059X	0.6	MUV-59 MISALIGNED CLOSED
HMVMV58X	0.6	MUV-58 LEFT UNAVAILABLE BY OPERATOR
PIASYSR	0.6	MAJOR IA SYSTEM LEAK
HCBHP1AC	0.4	MUP-1A CIRCUIT BREAKER FAILS TO CLOSE
HCV0010N	0.4	MUV-10 FAILS TO OPEN
HCV0011N	0.4	MUV-11 FAILS TO OPEN
HMV0027K	0.3	MUV-27 TRANSFERS CLOSED
HPLAV31H	0.3	PRESSURIZER LEVEL CONTROL FAILS HIGH
HPOAV31L	0.3	MUV-31 POSITIONER OUTPUT FAILS LOW
HAV0064K	0.1	MUV-64 TRANSFERS CLOSED
HAV0103K	0.1	MUV-103 TRANSFERS CLOSED
HAV0108K	0.1	MUV-108 TRANSFERS CLOSED
HPMWTRFY	0.1	OPERATOR FAILS TO START WASTE TRANSFER
PFLAF3AP	0.1	DRYER AFTERFILTER PLUGS
PFLPF3AP	0.1	DRYER PREFILTER PLUGS
HMV0069K	0.1	MUV-69 TRANSFERS CLOSED
HXV0059K	0.0	MUV-59 TRANSFERS CLOSED
LPSDH2AF	0.0	DHHE-2A FAILS TO SHUT OFF
LPSDH2BF	0.0	DHHE-2B FAILS TO SHUT OFF
LTEB10LX	0.0	TE-10 CALIBRATED LOW
LTEBT08L	0.0	TEMPERATURE ELEMENT TE-8 FAILS LOW
LTEBT09L	0.0	TEMPERATURE ELEMENT TE-9 FAILS LOW
LTEBT10L	0.0	TEMPERATURE ELEMENT TE-10 FAILS LOW
LTEBT8LX	0.0	TE-8 CALIBRATED LOW

LTEBT9LX	0.0	TE-9 CALIBRATED LOW
HCV0010X	0.0	MUV-10 MISALIGNED
HXV0070K	0.0	MUV-70 TRANSFERS CLOSED
HXV0070X	0.0	MUV-70 MISALIGNED CLOSED
PXVIA11K	0.0	IAV-11 TRANSFERS CLOSED
PXVIA13K	0.0	IAV-13 TRANSFERS CLOSED
PXVIA17K	0.0	IAV-17 TRANSFERS CLOSED
PXVIA19K	0.0	IAV-19 TRANSFERS CLOSED
PXVIA93K	0.0	IAV-93 TRANSFERS CLOSED
PXVIA94K	0.0	IAV-94 TRANSFERS CLOSED
HEPAV31L	0.0	E/P OUTPUT TO MUV-31 FAILS LOW
HMV0069X	0.0	MUV-69 ALIGNED CLOSED
HXV0068K	0.0	MUV-68 TRANSFERS CLOSED
HXV0068X	0.0	MUV-68 ALIGNED CLOSED

COMPONENT IMPORTANCES FOR H101

MUV-73	100.0	Makeup Suction MOV to BWST - A Side
MUP-1C	44.1	Makeup Pump C
DHV-69	20.6	BWST Vacuum Breaker Valve
DHV-70	20.6	BWST Vacuum Breaker Valve
MUV-58	10.9	Makeup Suction MOV to BWST - B Side
HCB-MUP-1C	10.0	Circuit Breaker - MUP-1C
MUV-60	7.7	Makeup Suction Check Valve to BWST
MUV-1	7.7	MUP-1C Discharge Check Valve
MUV-2	7.7	MUP-1C Discharge Stop Check Valve
MUV-72	4.4	Makeup Suction Check Valve to BWST
MU-LOCA	3.6	Injection Line LOCA
MUP-CC	3.4	Makeup Pumps A and C - Common Cause
MUV-53	3.0	Makeup Pumps Recirculation Line MOV
MUV-257	3.0	Makeup Pumps Recirculation Line MOV
MUP-1A	1.2	Makeup Pump A
MUV-RECIRC	0.6	Makeup Pump Recirculation Valve
MUP-1B	0.4	Makeup Pump B
HCB-MUP-1A	0.2	Circuit Breaker - MUP-1A
MUV-69	0.2	MUP-1A,1B Suction Crosstie MOV
MUV-10	0.2	MUP-1C Discharge Stop Check Valve
MUV-11	0.2	MUP-1C Discharge Check Valve
LTE	0.0	
MUV-59	0.0	
LPS	0.0	
MUV-68	0.0	
MUV-70	0.0	

EVENT IMPORTANCES FOR H101

HNOMAIN	100.0	NO MAKEUP PUMPS IN MAINTENANCE
HMV0073N	90.9	MUV-73 FAILS TO OPEN ON DEMAND
HPM001CA	31.9	MUP-1C FAILS TO START
HCVTHROT	31.8	OVERTHROTTLING OF ALL MUP DISCH. VALVES
LRV0069N	19.7	VACUUM BREAKER FAILS TO OPEN
LRV0070N	19.7	VACUUM BREAKER FAILS TO OPEN
HO0130M	11.1	GO TO RECIRC EARLY OR ISOLATE OPEN BWST
HCBHP1CC	9.6	PUMP CIRCUIT BREAKER FAILS TO CLOSE
HMV0058K	8.5	MUV-58 TRANSFERS CLOSED
HPM001CF	8.3	MUP-1C FAILS TO RUN
HCV0060N	7.4	MUV-60 FAILS TO OPEN
HCV0001N	7.4	MUV-1 FAILS TO OPEN
HCV0002N	7.4	MUV-2 FAILS TO OPEN
LMV0042X	5.5	DHV-42 ALIGNED OPEN
LMV0043X	5.5	DHV-43 ALIGNED OPEN
HMV0073K	4.9	MUV-73 TRANSFERS CLOSED
HCV0072N	4.2	MUV-72 FAILS TO OPEN
HINJLOCA	3.4	LOCA IN HPI LINE GIVEN SBLOCA HAS OCCURR
HSBTHRTY	3.4	OPERATOR FAILS TO THROTTLE FLOW THRU BRO
HMV0053C	2.9	FAILURE OF MUP RECIRC VALVE MUV-53 TO CL
HMV0257C	2.9	FAILURE OF MUP RECIRC VALVE MUV-257 TO C
HPMCCFTS	2.5	MAKEUP PUMP CCF TO START
HO0630M	2.3	CLOSE RELEVANT MUP RECIRC VLV IN 30 MIN.
HPM001CM	2.1	MUP-1C IN MAINTENANCE
HMV0058N	1.9	MUV-58 FAILS TO OPEN ON DEMAND
HPM001AA	0.8	MUP-1A FAILS TO START
HMVMV58X	0.7	MUV-58 LEFT UNAVAILABLE BY OPERATOR
HPM001CX	0.7	MUP-1C NOT PLACED IN STANDBY
HMV0058X	0.7	MUV-58 MISALIGNED CLOSED
HCV0002X	0.7	MUV-2 MISALIGNED
HXV0059X	0.7	MUV-59 MISALIGNED CLOSED
HPMCCFTR	0.7	MAKEUP PUMP CCF TO RUN
HXVMRECC	0.6	MUP RECIRC VALVE FAILS TO CLOSE
HPM001BF	0.3	MUP-1B FAILS TO CONTINUE TO RUN
HPM001AF	0.3	MUP-1A FAILS TO RUN
HCBHP1AC	0.2	MUP-1A CIRCUIT BREAKER FAILS TO CLOSE
HMV0069K	0.2	MUV-69 TRANSFERS CLOSED
HCV0010N	0.2	MUV-10 FAILS TO OPEN
HCV0011N	0.2	MUV-11 FAILS TO OPEN
HPM001AM	0.2	MUP-1A IN MAINTENANCE
HPM001BM	0.1	MUP-1B IN MAINTENANCE
HXV0059K	0.0	MUV-59 TRANSFERS CLOSED
LTEBT08L	0.0	TEMPERATURE ELEMENT TE-8 FAILS LCW
HMV0069X	0.0	MUV-69 ALIGNED CLOSED
HXV0068X	0.0	MUV-68 ALIGNED CLOSED
LPSDH2AF	0.0	DHHE-2A FAILS TO SHUT OFF
LPSDH2BF	0.0	DHHE-2B FAILS TO SHUT OFF
HCV0010X	0.0	MUV-10 MISALIGNED
HXV0070X	0.0	MUV-70 MISALIGNED CLOSED
HXV0068K	0.0	MUV-68 TRANSFERS CLOSED
LTEBT8LX	0.0	TE-8 CALIBRATED LOW
LTEBT09L	0.0	TEMPERATURE ELEMENT TE-9 FAILS LOW
LTEBT10L	0.0	TEMPERATURE ELEMENT TE-10 FAILS LOW
LTEB10LX	0.0	TE-10 CALIBRATED LOW

LTEBT9LX 0.0
HXV0070K 0.0

TE-9 CALIBRATED LOW
MUV-70 TRANSFERS CLOSED

COMPONENT IMPORTANCES FOR H301

DHV-RV-CC	100.0	DHV-11,12 - Common Cause
DHV-11	29.4	MOV Connecting DHP-1A Discharge to HPI
DHV-12	19.9	MOV Connecting DHP-1B Discharge to HPI
DHSUMP	9.1	Reactor Building Sump
MUP-1C	5.0	Makeup Pump C
HCB-MUP-1C	1.1	Circuit Breaker - MUP-1C
MUV-1	0.9	MUP-1C Discharge Check Valve
MUV-2	0.9	MUP-1C Discharge Stop Check Valve
MUP-CC	0.4	Makeup Pumps A and C - Common Cause
MUV-53	0.4	Makeup Pumps Recirculation Line MOV
MUV-257	0.4	Makeup Pumps Recirculation Line MOV
MUP-1A	0.2	Makeup Pump A
MUP-1B	0.1	Makeup Pump B
MUV-RECIRC	0.1	Makeup Pump Recirculation Valve
MUV-69	0.1	MUP-1A,1B Suction Crosstie MOV
HCB-MUP-1A	0.0	Circuit Breaker - MUP-1A
MUV-10	0.0	MUP-1C Discharge Stop Check Valve
MUV-11	0.0	MUP-1C Discharge Check Valve
MUV-59	0.0	
MUV-68	0.0	
MUV-62	0.0	MUP-1B,1C Suction Crosstie MOV
MUV-23	0.0	
MUV-24	0.0	
MUV-25	0.0	
MUV-26	0.0	
MUV-70	0.0	
MUV-42	0.0	
MUV-160	0.0	
MU-LOCA	0.0	Injection Line LOCA
MUV-43	0.0	
MUV-161	0.0	
MUV-36	0.0	
MUV-163	0.0	
MUV-37	0.0	
MUV-164	0.0	

EVENT IMPORTANCES FOR H301

HNOMAIN	100.0	NO MAKEUP PUMPS IN MAINTENANCE
LMVRVCCF	77.2	DHV-11,12 CCF TO OPEN
LMVDV11N	22.6	DHV-11 FAILS TO OPEN
LMVDV12N	15.3	DHV-12 FAILS TO OPEN
LSPSCRNP	7.0	RB SUMP SCREEN PLUGGED
HCVTHROT	3.2	OVERTHROTTLING OF ALL MUP DISCH. VALVES
HPM001CA	2.9	MUP-1C FAILS TO START
HCBHP1CC	0.9	PUMP CIRCUIT BREAKER FAILS TO CLOSE
HPM001CF	0.8	MUP-1C FAILS TO RUN
HCV0001N	0.7	MUV-1 FAILS TO OPEN
HCV0002N	0.7	MUV-2 FAILS TO OPEN
HMV0053C	0.3	FAILURE OF MUP RECIRC VALVE MUV-53 TO CL
HMV0257C	0.3	FAILURE OF MUP RECIRC VALVE MUV-257 TO C
HPMCCFTS	0.2	MAKEUP PUMP CCF TO START
HO0630M	0.2	CLOSE RELEVANT MUP RECIRC VLV IN 30 MIN.
HPM001CM	0.2	MUP-1C IN MAINTENANCE
LMVDV11X	0.1	DHV-11 LEFT UNAVAILABLE
LMVDV11K	0.1	DHV-11 TRANSFERS CLOSED
HPM001AA	0.1	MUP-1A FAILS TO START
HPM001BF	0.1	MUP-1B FAILS TO CONTINUE TO RUN
LMVDV12X	0.1	DHV-12 LEFT UNAVAILABLE
HPM001CX	0.1	MUP-1C NOT PLACED IN STANDBY
HCV0002X	0.1	MUV-2 MISALIGNED
HXV0059X	0.1	MUV-59 MISALIGNED CLOSED
HPMCCFTR	0.1	MAKEUP PUMP CCF TO RUN
HPM001AM	0.1	MUP-1A IN MAINTENANCE
HXVMRECC	0.1	MUP RECIRC VALVE FAILS TO CLOSE
LMVDV12K	0.1	DHV-12 TRANSFERS CLOSED
HPM001AF	0.0	MUP-1A FAILS TO RUN
HMV0069K	0.0	MUV-69 TRANSFERS CLOSED
HPM001BM	0.0	MUP-1B IN MAINTENANCE
HCBHP1AC	0.0	MUP-1A CIRCUIT BREAKER FAILS TO CLOSE
HCV0010N	0.0	MUV-10 FAILS TO OPEN
HCV0011N	0.0	MUV-11 FAILS TO OPEN
HMV0069X	0.0	MUV-69 ALIGNED CLOSED
HXV0068X	0.0	MUV-68 ALIGNED CLOSED
HXV0059K	0.0	MUV-59 TRANSFERS CLOSED
HXV0068K	0.0	MUV-68 TRANSFERS CLOSED
HMVMV62X	0.0	MUV-62 ALIGNED CLOSED
HXVMV63X	0.0	MUV-63 MISALIGNED CLOSED
HMVMV62K	0.0	MUV-62 TRANSFERS CLOSED
HCV0010X	0.0	MUV-10 MISALIGNED
HXV0070X	0.0	MUV-70 MISALIGNED CLOSED
HPM001AX	0.0	MUP-1A NOT PLACED IN STANDBY
HMV0023N	0.0	MUV-23 FAILS TO OPEN
HMV0024N	0.0	MUV-24 FAILS TO OPEN
HMV0025N	0.0	MUV-25 FAILS TO OPEN
HMV0026N	0.0	MUV-26 FAILS TO OPEN
HXV0070K	0.0	MUV-70 TRANSFERS CLOSED
HCV0042N	0.0	MUV-42 FAILS TO OPEN
HCV0160N	0.0	MUV-160 FAILS TO OPEN
HINJA1SL	0.0	LOCA IN COLD LEG A1
HMV0023K	0.0	MUV-23 TRANSFERS CLOSED
HMV0023X	0.0	MUV-23 LEFT UNAVAILABLE

HCV0043N	0.0	MUV-43 FAILS TO OPEN
HCV0161N	0.0	MUV-161 FAILS TO OPEN
HINJA2SL	0.0	LOCA 1N COLD LEG A2
HMV0024K	0.0	MUV-24 TRANSFERS CLOSED
HMV0024X	0.0	MUV-24 LEFT UNAVAILABLE
HCV0036N	0.0	MUV-36 FAILS TO OPEN
HCV0163N	0.0	MUV-163 FAILS TO OPEN
HINJB1SL	0.0	LOCA IN COLD LEG B1
HMV0025K	0.0	MUV-25 TRANSFERS CLOSED
HMV0025X	0.0	MUV-25 LEFT UNAVAILABLE
HCV0037N	0.0	MUV-37 FAILS TO OPEN
HCV0164N	0.0	MUV-164 FAILS TO OPEN
HINJB2SL	0.0	LOCA IN COLD LEG B2
HMV0026K	0.0	MUV-26 TRANSFERS CLOSED
HMV0026X	0.0	MUV-26 LEFT UNAVAILABLE

COMPONENT IMPORTANCES FOR I01

BSV-CC	100.0	BSV-3,4 - Common Cause
DHV-IV-CC	100.0	DHV-34,35 - Common Cause
BSV-3	58.0	BSP-1A Discharge MOV
BSV-4	58.0	BSP-1B Discharge MOV
DHV-34	58.0	DH/BS Suction MOV to BWST (A Side)
DHV-35	58.0	DH/BS Suction MOV to BWST (B Side)
BSP-1B	39.8	Reactor Building Spray Pump B
BSP-1A	39.8	Reactor Building Spray Pump A
BSP-CC	14.5	BSP-1A,1B - Common Cause
BSV-17	3.0	BSP-1A Suction Line MOV
BSV-16	3.0	BSP-1B Suction Line MOV
BSV-1	2.6	BSP-1A Suction Check Valve
BSV-8	2.6	BSP-1B Suction Check Valve
BSV-26	2.6	BSP-1B Discharge Check Valve
BSV-27	2.6	BSP-1A Discharge Check Valve
DHV-33	2.6	DH/BS Suction Check Valve to BWST (A)
DHV-36	2.6	DH/BS Suction Check Valve to BWST (B)
DHV-69	2.6	BWST Vacuum Breaker Valve
DHV-70	2.6	BWST Vacuum Breaker Valve
BSV-2	0.2	
BSV-7	0.2	
LTE	0.0	
LPS	0.0	
BSV-5	0.0	
BSV-18	0.0	
BSV-28	0.0	
BSV-6	0.0	
BSV-29	0.0	

EVENT IMPORTANCES FOR 101

IMVIVCCF	100.0	BSV-3,4 CCF TO OPEN
LMVIVCCF	100.0	DHV-34,35 CCF TO OPEN
IMV0003N	57.8	BSV-3 FAILS TO OPEN
IMV0004N	57.8	BSV-4 FAILS TO OPEN
LMV0034N	57.8	DHV-34 FAILS TO OPEN
LMV0035N	57.8	DHV-35 FAILS TO OPEN
IPMBSPBM	25.7	TRAIN B IN MAINTENANCE
IPMBSPAM	25.7	TRAIN A IN MAINTENANCE
IPMCCFTS	11.5	BSP S CCF TO START
IPMBP1AA	11.2	PUMP 1A FAILS TO START
IPMBP1BA	11.2	PUMP 1B FAILS TO START
IPMCCFTR	3.0	BSP S CCF TO RUN
IMV0017K	3.0	BSV-17 TRANSFERS CLOSED
IMV0016K	3.0	BSV-16 TRANSFERS CLOSED
IPMBP1AF	2.9	PUMP 1A FAILS TO OPERATE
IPMBP1BF	2.9	PUMP 1A FAILS TO OPERATE
ICV0001N	2.6	BSV-1 FAILS TO OPEN
ICV0008N	2.6	BSV-8 FAILS TO OPEN
ICV0026N	2.6	BSV-26 FAILS TO OPEN
ICV0027N	2.6	BSV-27 FAILS TO OPEN
LCV0033N	2.6	CHECK VALVE FAILS TO OPEN
LCV0036N	2.6	CHECK VALVE FAILS TO OPEN
LRV0069N	2.6	VACUUM BREAKER FAILS TO OPEN
LRV0070N	2.6	VACUUM BREAKER FAILS TO OPEN
IXV0002X	0.3	BSV-2 MISALIGNED CLOSED
IXV0007X	0.3	BSV-7 MISALIGNED CLOSED
IMV0003K	0.2	BSV-3 TRANSFERS CLOSED
IMV0004K	0.2	BSV-4 TRANSFERS CLOSED
LMV0034K	0.2	DHV-34 TRANSFERS CLOSED
LMV0035K	0.2	DHV-35 TRANSFERS CLOSED
IXV0002K	0.2	BSV-2 TRANSFERS CLOSED
IXV0007K	0.2	BSV-7 TRANSFERS CLOSED
LTEBT08L	0.0	TEMPERATURE ELEMENT TE-8 FAILS LOW
LPSDH2AF	0.0	DHHE-2A FAILS TO SHUT OFF
LPSDH2BF	0.0	DHHE-2B FAILS TO SHUT OFF
LTEBT8LX	0.0	TE-8 CALIBRATED LOW
LTEBT09L	0.0	TEMPERATURE ELEMENT TE-9 FAILS LOW
LTEBT10L	0.0	TEMPERATURE ELEMENT TE-10 FAILS LOW
LTEB10LX	0.0	TE-10 CALIBRATED LOW
LTEBT9LX	0.0	TE-9 CALIBRATED LOW
IXV0005R	0.0	BSV-5 TRANSFERS OPEN
IXV0005X	0.0	BSV-5 MISALIGNED OPEN
IXV0018R	0.0	BSV-18 TRANSFERS OPEN
IXV0018X	0.0	BSV-18 MISALIGNED OPEN
IXV0028R	0.0	BSV-28 TRANSFERS OPEN
IXV0028X	0.0	BSV-28 MISALIGNED OPEN
IXV0006R	0.0	BSV-6 TRANSFERS OPEN
IXV0006X	0.0	BSV-6 MISALIGNED OPEN
IXV0029R	0.0	BSV-29 TRANSFERS OPEN
IXV0029X	0.0	BSV-29 MISALIGNED OPEN

COMPONENT IMPORTANCES FOR I11

BSV-CC	100.0	BSV-3,4 - Common Cause
DHV-SV-CC	100.0	DHV-34,35 - Common Cause
BSV-4	60.1	BSP-1B Discharge MOV
BSV-3	60.1	BSP-1A Discharge MOV
DHV-42	60.1	DH/BS Suction MOV to BSWT
DHV-43	60.1	DH/BS Suction MOV to BWST
BSP-1B	41.4	Reactor Building Spray Pump B
BSP-1A	41.4	Reactor Building Spray Pump A
BSP-CC	14.5	BSP-1A,1B - Common Cause
BSV-16	3.1	BSP-1B Suction Line MOV
BSV-17	3.1	BSP-1A Suction Line MOV
BSV-8	2.7	BSP-1B Suction Check Valve
BSV-1	2.7	BSP-1A Suction Check Valve
BSV-26	2.7	BSP-1B Discharge Check Valve
BSV-27	2.7	BSP-1A Discharge Check Valve
BSV-7	0.2	
BSV-2	0.2	
BSV-6	0.0	
BSV-18	0.0	
BSV-28	0.0	
BSV-5	0.0	
BSV-29	0.0	

EVENT IMPORTANCES FOR I11

IMVIVCCF	100.0	BSV-3,4 CCF TO OPEN
LMVSVCCF	100.0	DHV-42,43 CCF TO OPEN
IMV0004N	59.9	BSV-4 FAILS TO OPEN
IMV0003N	59.9	BSV-3 FAILS TO OPEN
LMV0042N	59.9	DHV-42 FAILS TO OPEN
LMV0043N	59.9	DHV-43 FAILS TO OPEN
IPMBSPBM	26.8	TRAIN B IN MAINTENANCE
IPMBSPAM	26.8	TRAIN A IN MAINTENANCE
IPMBP1BA	11.6	PUMP 1B FAILS TO START
IPMBP1AA	11.6	PUMP 1A FAILS TO START
IPMCCFTS	11.5	BSP S CCF TO START
IHUDV42Y	8.7	OPERATOR FAILS TO OPEN DHV42
IHUDV43Y	8.7	OPERATOR FAILS TO OPEN DHV43
IMV0016K	3.1	BSV-16 TRANSFERS CLOSED
IMV0017K	3.1	BSV-17 TRANSFERS CLOSED
IPMBP1BF	3.0	PUMP 1A FAILS TO OPERATE
IPMBP1AF	3.0	PUMP 1A FAILS TO OPERATE
IPMCCFTR	3.0	BSP S CCF TO RUN
ICV0008N	2.7	BSV-8 FAILS TO OPEN
ICV0001N	2.7	BSV-1 FAILS TO OPEN
ICV0026N	2.7	BSV-26 FAILS TO OPEN
ICV0027N	2.7	BSV-27 FAILS TO OPEN
IXV0007X	0.3	BSV-7 MISALIGNED CLOSED
IXV0002X	0.3	BSV-2 MISALIGNED CLOSED
LMVDH42X	0.3	DHV-42 NOT RESTORED FOLLOWING MAINT.
LMVDH43X	0.3	DHV-43 NOT RESTORED FOLLOWING MAINT.
IMV0004K	0.2	BSV-4 TRANSFERS CLOSED
IMV0003K	0.2	BSV-3 TRANSFERS CLOSED
LMV0042K	0.2	DHV-42 TRANSFERS CLOSED
LMV0043K	0.2	DHV-43 TRANSFERS CLOSED
IXV0007K	0.2	BSV-7 TRANSFERS CLOSED
IXV0002K	0.2	BSV-2 TRANSFERS CLOSED
IXV0006R	0.0	BSV-6 TRANSFERS OPEN
IXV0006X	0.0	BSV-6 MISALIGNED OPEN
IXV0018R	0.0	BSV-18 TRANSFERS OPEN
IXV0018X	0.0	BSV-18 MISALIGNED OPEN
IXV0028R	0.0	BSV-28 TRANSFERS OPEN
IXV0028X	0.0	BSV-28 MISALIGNED OPEN
IXV0005R	0.0	BSV-5 TRANSFERS OPEN
IXV0005X	0.0	BSV-5 MISALIGNED OPEN
IXV0029R	0.0	BSV-29 TRANSFERS OPEN
IXV0029X	0.0	BSV-29 MISALIGNED OPEN

COMPONENT IMPORTANCES FOR L001

DHV-IV-CC	100.0	DHV-34,35 - Common Cause
DHV-35	61.5	DH/BS Suction MOV to BWST (B Side)
DHV-34	61.5	DH/BS Suction MOV to BWST (A Side)
DHV-5	61.4	DHP-1A Injection MOV
DHV-6	61.4	DHP-1B Injection MOV
DHP-1B	47.6	Decay Heat Pump B
DHP-1A	47.6	Decay Heat Pump A
DHP-CC	31.8	DHP-1A,B - Common Cause
LCB-DHP-1A	3.6	Circuit Breaker - DHP-1A
LCB-DHP-1B	3.6	Circuit Breaker - DHP-1B
CFV-3	2.7	CFT-1B/DHP-1A Discharge Check Valve
CFV-1	2.7	CFT-1A/DHP-1B Discharge Check Valve
DHV-1	2.7	DHP-1A Discharge Check Valve
DHV-2	2.7	DHP-1B Discharge Check Valve
DHV-36	2.7	DH/BS Suction Check Valve to BWST (B)
DHV-33	2.7	DH/BS Suction Check Valve to BWST (A)
DHV-69	2.6	BWST Vacuum Breaker Valve
DHV-70	2.6	BWST Vacuum Breaker Valve
DHV-110	0.2	DHP-1A Discharge MOV
DHV-111	0.2	DHP-1B Discharge MOV
DHHE-1A	0.2	
DHHE-1B	0.2	
DHV-21	0.0	
DHV-32	0.0	
LTE	0.0	
LPS	0.0	

EVENT IMPORTANCES FOR L001

LMVIVCCF	100.0	DHV-34,35 CCF TO OPEN
LMV0035N	61.2	DHV-35 FAILS TO OPEN
LMV0034N	61.2	DHV-34 FAILS TO OPEN
LMV0005N	61.2	DHV-5 FAILS TO OPEN
LMV0006N	61.2	DHV-6 FAILS TO OPEN
LPM001BM	32.6	DHP-1B TRAIL IN MAINTENANCE
LPM001AM	32.6	DHP-1A TRAIL IN MAINTENANCE
LPMCCPTS	25.2	DHP-1A,1B CCF TO START
LPM001AA	11.9	DHP-1A FAILS TO START
LPM001BA	11.9	DHP-1B FAILS TO START
LPMCCPTR	6.6	DHP-1A,1B CCF TO RUN
LCBDHPAC	3.6	CIRCUIT BREAKER FAILS TO CLOSE
LCBDHPBC	3.6	CIRCUIT BREAKER FAILS TO CLOSE
LPM001AF	3.1	DHP-1A FAILS TO RUN
LPM001BF	3.1	DHP-1B FAILS TO RUN
CCVCFV3N	2.7	CFV-3 FAILS TO OPEN
CCVCFV1N	2.7	CFV-1 FAILS TO OPEN
LCV0001N	2.7	CHECK VALVE FAILS TO OPEN
LCV0002N	2.7	CHECK VALVE FAILS TO OPEN
LCV0036N	2.7	CHECK VALVE FAILS TO OPEN
LCV0033N	2.7	CHECK VALVE FAILS TO OPEN
LRV0069N	2.6	VACUUM BREAKER FAILS TO OPEN
LRV0070N	2.6	VACUUM BREAKER FAILS TO OPEN
LMV0043X	0.3	DHV-43 ALIGNED OPEN
LMV0042X	0.3	DHV-42 ALIGNED OPEN
LXV0021X	0.3	DHV-21 MISALIGNED
LXV0032X	0.3	DHV-32 MISALIGNED
LMV0005X	0.3	DHV-5 LEFT UNAVAILABLE
LMV0006X	0.3	DHV-6 LEFT UNAVAILABLE
LXV0009X	0.2	DHV-9 ALIGNED OPEN
LMV0110K	0.2	DHV-110 TRANSFERS CLOSED
LMV0111K	0.2	DHV-111 TRANSFERS CLOSED
LMV0005K	0.2	DHV-5 TRANSFERS CLOSED
LMV0006K	0.2	DHV-6 TRANSFERS CLOSED
LMV0035K	0.2	DHV-35 TRANSFERS CLOSED
LMV0034K	0.2	DHV-34 TRANSFERS CLOSED
LHXDH1AF	0.2	DHHE-1A FAILS
LHXDH1BF	0.2	DHHE-1B FAILS
LIDLPMIY	0.2	OPERATOR FAILS TO ISOLATE FAILED DH PUMP
LXV0021K	0.0	DHV-21 TRANSFERS CLOSED
LXV0032K	0.0	DHV-32 TRANSFERS CLOSED
LTEBT08L	0.0	TEMPERATURE ELEMENT TE-8 FAILS LOW
LMV0110N	0.0	DHV-110 FAILS TO OPEN
LMV0110X	0.0	DHV-110 MISALIGNED
LMV0111N	0.0	DHV-111 FAILS TO OPEN
LMV0111X	0.0	DHV-111 MISALIGNED
LPSDH2AF	0.0	DHHE-2A FAILS TO SHUT OFF
LPSDH2BF	0.0	DHHE-2B FAILS TO SHUT OFF
LTEBT8LX	0.0	TE-8 CALIBRATED LOW
LTEBT09L	0.0	TEMPERATURE ELEMENT TE-9 FAILS LOW
LTEBT10L	0.0	TEMPERATURE ELEMENT TE-10 FAILS LOW
LTEBT10LX	0.0	TE-10 CALIBRATED LOW
LTEBT9LX	0.0	TE-9 CALIBRATED LOW

COMPONENT IMPORTANCES FOR L101

DHV-SV-CC	100.0	DHV-34,35 - Common Cause
DHV-43	68.3	DH/BS Suction MOV to BWST
DHV-42	68.3	DH/BS Suction MOV to BSWT
DHV-5	60.7	DHP-1A Injection MOV
DHV-6	60.7	DHP-1B Injection MOV
DHP-1A	53.6	Decay Heat Pump A
DHP-1B	53.6	Decay Heat Pump B
DHSUMP	9.1	Reactor Building Sump
LCB-DHP-1A	4.0	Circuit Breaker - DHP-1A
LCB-DHP-1B	4.0	Circuit Breaker - DHP-1B
CFV-1	3.0	CFT-1A/DHP-1B Discharge Check Valve
CFV-3	3.0	CFT-1B/DHP-1A Discharge Check Valve
DHV-1	2.7	DHP-1A Discharge Check Valve
DHV-2	2.7	DHP-1B Discharge Check Valve
DHV-110	0.2	DHP-1A Discharge MOV
DHV-111	0.2	DHP-1B Discharge MOV
DHHE-1A	0.2	
DHHE-1B	0.2	
DHV-8	0.1	
DHV-7	0.1	
DHV-21	0.0	
DHV-32	0.0	

EVENT IMPORTANCES FOR L101 -----

LMVSVCCF	100.0	DHV-42,43 CCF TO OPEN
LMV0043N	68.1	DHV-43 FAILS TO OPEN
LMV0042N	68.1	DHV-42 FAILS TO OPEN
LMV0005N	60.5	DHV-5 FAILS TO OPEN
LMV0006N	60.5	DHV-6 FAILS TO OPEN
LPM001AM	37.0	DHP-1A TRAIN IN MAINTENANCE
LPM001BM	37.0	DHP-1B TRAIN IN MAINTENANCE
LPM001AA	13.2	DHP-1A FAILS TO START
LPM001BA	13.2	DHP-1B FAILS TO START
LSPSCRNP	9.1	RB SUMP SCREEN PLUGGED
LCBDHPAC	4.0	CIRCUIT BREAKER FAILS TO CLOSE
LCBDHPBC	4.0	CIRCUIT BREAKER FAILS TO CLOSE
LPM001AF	3.4	DHP-1A FAILS TO RUN
LPM001BF	3.4	DHP-1B FAILS TO RUN
CCVCFV1N	3.0	CFV-1 FAILS TO OPEN
CCVCFV3N	3.0	CFV-3 FAILS TO OPEN
LCV0001N	2.7	CHECK VALVE FAILS TO OPEN
LCV0002N	2.7	CHECK VALVE FAILS TO OPEN
LIDLPMIY	1.0	OPERATOR FAILS TO ISOLATE FAILED DH PUMP
LXV0021X	0.3	DHV-21 MISALIGNED
LXV0032X	0.3	DHV-32 MISALIGNED
LMVDH43X	0.3	DHV-43 NOT RESTORED FOLLOWING MAINT.
LMVDH42X	0.3	DHV-42 NOT RESTORED FOLLOWING MAINT.
LXV0009X	0.3	DHV-9 ALIGNED OPEN
LMV0005X	0.3	DHV-5 LEFT UNAVAILABLE
LMV0006X	0.3	DHV-6 LEFT UNAVAILABLE
LO0130M	0.2	USE DHR XTIE VLVS TO USE ONE HP TRAIN AN
LMV0110K	0.2	DHV-110 TRANSFERS CLOSED
LMV0111K	0.2	DHV-111 TRANSFERS CLOSED
LMV0043K	0.2	DHV-43 TRANSFERS CLOSED
LMV0042K	0.2	DHV-42 TRANSFERS CLOSED
LHXDH1AF	0.2	DHHE-1A FAILS
LHXDH1BF	0.2	DHHE-1B FAILS
LMV0005K	0.2	DHV-5 TRANSFERS CLOSED
LMV0006K	0.2	DHV-6 TRANSFERS CLOSED
LMV0008N	0.1	DHV-8 FAILS TO OPEN
LMV0007N	0.1	DHV-7 FAILS TO OPEN
LXV0021K	0.0	DHV-21 TRANSFERS CLOSED
LXV0032K	0.0	DHV-32 TRANSFERS CLOSED
LMV0110N	0.0	DHV-110 FAILS TO OPEN
LMV0110X	0.0	DHV-110 MISALIGNED
LMV0111N	0.0	DHV-111 FAILS TO OPEN
LMV0111X	0.0	DHV-111 MISALIGNED

COMPONENT IMPORTANCES FOR L201

DHV-3	100.0	Decay Heat Drop Line MOV
DHV-4	100.0	Decay Heat Drop Line MOV
DHV-41	100.0	Decay Heat Drop Line MOV
LLB-DHV3PI	21.8	DHV-3 Pressure Interlock
LLB-DHV4PI	21.8	DHV-4 Pressure Interlock
DHV-39	1.7	DH/BS Suction Crosstie MOV
DHV-40	1.7	DH/BS Suction Crosstie MOV
DHP-1A	1.2	Decay Heat Pump A
DHP-1B	1.2	Decay Heat Pump B
DHP-CC	1.1	DHP-1A,B - Common Cause
DHV-5	0.8	DHP-1A Injection MOV
DHV-6	0.8	DHP-1B Injection MOV
LCB-DHP-1A	0.1	Circuit Breaker - DHP-1A
LCB-DHP-1B	0.1	Circuit Breaker - DHP-1B
CFV-1	0.0	CFT-1A/DHP-1B Discharge Check Valve
CFV-3	0.0	CFT-1B/DHP-1A Discharge Check Valve
DHV-1	0.0	DHP-1A Discharge Check Valve
DHV-2	0.0	DHP-1B Discharge Check Valve
DHV-7	0.0	
DHV-8	0.0	
DHV-110	0.0	DHP-1A Discharge MOV
DHV-111	0.0	DHP-1B Discharge MOV
DHHE-1A	0.0	
DHHE-1B	0.0	
DHV-21	0.0	
DHV-32	0.0	

EVENT IMPORTANCES FOR L201

LMV0003N	100.0	DHV-3 FAILS TO OPEN
LMV0004N	100.0	DHV-4 FAILS TO OPEN
LMV0041N	100.0	DHV-41 FAILS TO OPEN
LLBPT03F	21.9	DHV3 PRESSURE INTERLOCK FAILS TO RELEASE
LLBPT04F	21.9	DHV4 PRESSURE INTERLOCK FAILS TO RELEASE
LMV0039N	1.7	DHV-39 FAILS TO OPEN
LMV0040N	1.7	DHV-40 FAILS TO OPEN
LPMCCPTS	0.9	DHP-1A,1B CCF TO START
LPM001AM	0.8	DHP-1A TRAIN IN MAINTENANCE
LPM001BM	0.8	DHP-1B TRAIN IN MAINTENANCE
LMV0005N	0.8	DHV-5 FAILS TO OPEN
LMV0006N	0.8	DHV-6 FAILS TO OPEN
LMV0003X	0.4	DHV-3 LEFT UNAVAILABLE
LMV0004X	0.4	DHV-4 LEFT UNAVAILABLE
LMV0041X	0.4	DHV-41 LEFT UNAVAILABLE
LMV0003K	0.3	DHV-3 TRANSFERS CLOSED
LMV0004K	0.3	DHV-4 TRANSFERS CLOSED
LMV0041K	0.3	DHV-41 TRANSFERS CLOSED
LPM001AA	0.3	DHP-1A FAILS TO START
LPM001BA	0.3	DHP-1B FAILS TO START
LPMCCPTR	0.2	DHP-1A,1B CCF TO RUN
LCBDHPAC	0.1	CIRCUIT BREAKER FAILS TO CLOSE
LCBDHPBC	0.1	CIRCUIT BREAKER FAILS TO CLOSE
LPM001AF	0.1	DHP-1A FAILS TO RUN
LPM001BF	0.1	DHP-1B FAILS TO RUN
LO0130M	0.1	USE DHR XTIE VLVS TO USE ONE HP TRAIN AN
CCVCFV1N	0.0	CFV-1 FAILS TO OPEN
CCVCFV3N	0.0	CFV-3 FAILS TO OPEN
LCV0001N	0.0	CHECK VALVE FAILS TO OPEN
LCV0002N	0.0	CHECK VALVE FAILS TO OPEN
LMV0007N	0.0	DHV-7 FAILS TO OPEN
LMV0008N	0.0	DHV-8 FAILS TO OPEN
LXV0021X	0.0	DHV-21 MISALIGNED
LXV0032X	0.0	DHV-32 MISALIGNED
LMV0039X	0.0	DHV-39 MISALIGNED
LMV0040X	0.0	DHV-40 MISALIGNED
LMV0110K	0.0	DHV-110 TRANSFERS CLOSED
LMV0111K	0.0	DHV-111 TRANSFERS CLOSED
LMV0039K	0.0	DHV-39 TRANSFERS CLOSED
LMV0040K	0.0	DHV-40 TRANSFERS CLOSED
LHXDH1AF	0.0	DHHE-1A FAILS
LHXDH1BF	0.0	DHHE-1B FAILS
LMV0005X	0.0	DHV-5 LEFT UNAVAILABLE
LMV0006X	0.0	DHV-6 LEFT UNAVAILABLE
LMV0005K	0.0	DHV-5 TRANSFERS CLOSED
LMV0006K	0.0	DHV-6 TRANSFERS CLOSED
LXV0021K	0.0	DHV-21 TRANSFERS CLOSED
LXV0032K	0.0	DHV-32 TRANSFERS CLOSED
LMV0110N	0.0	DHV-110 FAILS TO OPEN
LMV0110X	0.0	DHV-110 MISALIGNED
LMV0111N	0.0	DHV-111 FAILS TO OPEN
LMV0111X	0.0	DHV-111 MISALIGNED

COMPONENT IMPORTANCES FOR P001

PDF18.11	100.0	ICS Difference Controller 18.11
PDF18.4	100.0	ICS Difference Controller 18.4
PPC20.11	97.9	ICS PI Controller 20.11
PPC20.4	97.9	ICS PI Controller 20.4
PLT-DEAER	96.6	Deaerator Level Transmitter
FWV-40	74.4	Startup FW Flow AOV (A Side)
FWV-39	74.4	Startup FW Flow AOV (B Side)
MSTB-1	66.5	Main Turbine
PCT-CDP-1A	49.7	CDP-1A Controller
PCT-CDP-1B	49.7	CDP-1B Controller
PPC21.6	48.0	ICS PI Controller 21.6
PPC21.10	48.0	ICS PI Controller 21.10
FWV-30	41.9	FW Flow Control MOV (A Side)
FWV-31	41.9	FW Low Load Control MOV (A Side)
FWV-29	41.9	FW Flow Control MOV (B Side)
FWV-32	41.9	FW Low Load Control MOV (B Side)
PRY-86LA	39.5	ICS Trip Relay 86LA
PRY-86RA	39.5	ICS Trip Relay 86RA
PRY-86LB	39.5	ICS Trip Relay 86LB
PRY-86RB	39.5	ICS Trip Relay 86RB
PCN-86LA	32.5	ICS Relay Contact 86LA
PCN-86RA	32.5	ICS Relay Contact 86RA
PCN-86LB	32.5	ICS Relay Contact 86LB
PCN-86RB	32.5	ICS Relay Contact 86RB
PFE-CDP-1A	31.2	CDP-1A Flow Element
PFE-CDP-1B	31.2	CDP-1B Flow Element
PSU18.12	19.2	ICS Summer 18.12
PSU18.3	19.2	ICS Summer 18.3
PMP21.12	18.8	ICS Static Multiplier 21.12
PMP21.3	18.8	ICS Static Multiplier 21.3
PSG19.11	18.8	ICS Signal Generator 19.11
PSG19.4	18.8	ICS Signal Generator 19.4
PLT18.12	18.4	ICS Level Transmitter 18.12
PLT18.3	18.4	ICS Level Transmitter 18.3
PAC18.6	9.2	ICS Auctioneer 18.6
PAC18.10	9.2	ICS Auctioneer 18.10
PAC17.6	9.2	ICS Auctioneer 17.6
PFG20.6	9.2	ICS Function Generator 20.6
PFG25.6	9.2	ICS Function Generator 25.6
PSU22.6	9.2	ICS Summer 22.6
PAC17.10	9.2	ICS Auctioneer 17.10
PFG20.10	9.2	ICS Function Generator 20.10
PFG25.10	9.2	ICS Function Generator 25.10
PSU22.10	9.2	ICS Summer 22.10
FWP-2B	3.1	Main Feedwater Pump 2B
FWP-2A	3.1	Main Feedwater Pump 2A
IA	3.0	Instrument Air
FWV-42	2.0	Startup FW Line Check Valve (B Side)
FWV-41	2.0	Startup FW Line Check Valve (A Side)
SCP-1B	1.1	Secondary Services Cooling Water Pump B
SCP-1A	1.1	Secondary Services Cooling Water Pump A
CDP-1B	1.1	Condensate Pump B
CDP-1A	1.1	Condensate Pump A
FWP-1B	1.1	Feedwater Booster Pump 1B

FWP-1A	1.1	Feedwater Booster Pump 1A
FWV-28	1.1	Feedwater Crosstie MOV
PFL	0.9	Instrument Air Dryer Filter
PDF17.11	0.6	ICS Difference Controller 17.11
PDF17.4	0.6	ICS Difference Controller 17.4
MSV-9	0.5	Turbine Bypass Valve MSV-9
MSV-10	0.5	Turbine Bypass Valve MSV-10
MSV-11	0.5	Turbine Bypass Valve MSV-11
MSV-14	0.5	Turbine Bypass Valve MSV-14
PFE5.12	0.4	
PFE5.2	0.4	
PLT	0.3	
PRU	0.3	
MSV-413	0.3	Main Steam Isolation Valve (MS Line B-1)
SCV-70	0.3	
MSV-411	0.3	Main Steam Isolation Valve (MS Line A-2)
SCV-69	0.3	
PMP5.12	0.2	
PMP5.2	0.2	
PPT	0.2	
CDV-222	0.2	
FWV-46	0.2	
FWV-45	0.2	
PDF20.7	0.2	
PPC21.7	0.2	
PDF20.9	0.2	
PPC21.9	0.2	
PRY	0.2	
FWV-27	0.1	
FWV-33	0.1	
FWV-26	0.1	
FWV-36	0.1	
GSHE-1	0.1	
PLS	0.1	
PSG16.11	0.1	
PSG16.4	0.1	
PPS	0.1	
PAC14.10	0.1	
PAC14.6	0.1	
PDF18.10	0.1	
PDF21.12	0.1	
PPC19.10	0.1	
PDF18.8	0.1	
PDF21.6	0.1	
PPC19.8	0.1	
FWV-20	0.1	
FWV-23	0.1	
FWV-21	0.1	
FWV-22	0.1	
CDV-4	0.1	
CDV-3	0.1	
FWV-6	0.1	
FWV-5	0.1	
FWV-15	0.1	
FWV-54	0.1	
FWV-14	0.1	
FWV-53	0.1	
FWV-2	0.1	
FWV-7	0.1	
FWV-1	0.1	

FWV-8	0.1
LOHE-2B	0.1
LOHE-2A	0.1
SSHE-3A	0.1
SSHE-3B	0.1
LOHE-1B	0.1
LOHE-1A	0.1
PLL	0.1
PTE	0.1
PLT17.11	0.0
PLT17.4	0.0
PSW	0.0
PHS	0.0
PSG-TURBPR	0.0
PSG19.8	0.0
PHL	0.0
PIC	0.0
PAC21.10	0.0
PMP21.11	0.0
PSG21.13	0.0
PAC21.8	0.0
PMP21.7	0.0
PSG21.5	0.0
PMP12.11	0.0
PMP12.12	0.0
PMF13.12	0.0
PMP14.11	0.0
PSU13.11	0.0
PMP11.3	0.0
PMP12.3	0.0
PMP13.3	0.0
PMP14.5	0.0
PSU13.4	0.0
IAV-11	0.0
IAV-13	0.0
IAV-17	0.0
IAV-19	0.0
IAV-93	0.0
IAV-94	0.0
CDV-33	0.0
CDV-34	0.0
SCV-11	0.0
CDHE-	0.0
PDF15.9	0.0
CDV-2	0.0
CDV-1	0.0
ASV-4	0.0
MSV-108	0.0
SCV-150	0.0
SCV-154	0.0
SCV-60	0.0
SCV-62	0.0
ASV-3	0.0
SCV-149	0.0
SCV-151	0.0
SCV-152	0.0
SCV-59	0.0
SCV-61	0.0
CDV-192	0.0
CDV-6	0.0

SCV-157	0.0
SCV-158	0.0
CDV-191	0.0
CDV-5	0.0
SCV-155	0.0
SCV-156	0.0
SCV-102	0.0
SCV-110	0.0
SCV-101	0.0
SCV-109	0.0
SCV-2	0.0
SCV-4	0.0
SCV-1	0.0
SCV-3	0.0
SCV-5	0.0
SCV-6	0.0
SCV-7	0.0
SCV-8	0.0
SCT-1	0.0
PBA	0.0
PDF5.10	0.0
PDF16.10	0.0
PDI 5.4	0.0
PDF16.6	0.0
CDHE-1	0.0
CDHE-2	0.0
CDHE-3	0.0
PFG2.2	0.0
PFG15.4	0.0
PMP2.3	0.0
PMP2.8	0.0
PMP10.6	0.0
PMP10.11	0.0
PSG20.5	0.0
PSU3.8	0.0
PSU10.7	0.0
PSU16.7	0.0
PSU16.9	0.0
PFG4.9	0.0
PSU4.10	0.0
PFG4.5	0.0
PSU4.4	0.0
PFE14.12	0.0
PFG14.12	0.0
PFE14.3	0.0
PFG14.3	0.0
PDF2.9	0.0
PDF4.6	0.0
PDF5.5	0.0
CDHE-1A	0.0
CDGE-1B	0.0
CDHE-2A	0.0
CDHE-2B	0.0
CDHE-3A	0.0
CDHE-3B	0.0
CDV-41	0.0
CDV-42	0.0
CDV-43	0.0
CDV-44	0.0
PEP	0.0

PBS	0.0
PFG1.9	0.0
PFG2.10	0.0
PlT	0.0
PMP13.7	0.0
PSG14.2	0.0
PSU2.11	0.0

EVENT IMPORTANCES FOR P001

PLTDEAED	100.0	LEVEL TRANSMITTER FAILS TO RESPOND
PAVFW40C	76.4	AOV FWV-40 FAILS TO CLOSE ON DEMAND
PAVFW39C	76.4	AOV FWV-39 FAILS TO CLOSE ON DEMAND
MSTTF	68.8	TURBINE FAILS TO TRIP GIVEN REACTOR TRIP
PDF1811F	51.7	DIFFERENCE CONTROLLER 18.11 FAILS TO
PDF1811L	51.7	DIFFERENCE CONTROLLER 18.11 FAILS LOW
PPC2011L	51.7	PI CONTROLLER 20.11 FAILS LOW
PDF1804F	51.7	DIFFERENCE CONTROLLER 18.4 FAILS TO
PDF1804L	51.7	DIFFERENCE CONTROLLER 18.4 FAILS LOW
PPC2004L	51.7	PI CONTROLLER 20.4 FAILS LOW
PCTCD1AD	51.2	CDP-1A CONTROLLER FAILS TO RESPOND
PCTCD1BD	51.2	CDP-1B CONTROLLER FAILS TO RESPOND
PPC2004F	49.5	PI CONTROLLER 20.4 FAILS TO RESPOND
PPC2106F	49.5	PI CONTROLLER 21.6 FAILS TO RESPOND
PPC2011F	49.5	PI CONTROLLER 20.11 FAILS TO RESPOND
PPC2110F	49.5	PI CONTROLLER 21.10 FAILS TO RESPOND
PMVFW30C	43.4	MOV FWV-30 FAILS TO CLOSE ON DEMAND
PMVFW31C	43.4	MOV FWV-31 FAILS TO CLOSE ON DEMAND
PMVFW29C	43.4	MOV FWV-29 FAILS TO CLOSE ON DEMAND
PMVFW32C	43.4	MOV FWV-32 FAILS TO CLOSE ON DEMAND
PMFWCDAY	43.4	OPERATOR SHUTS DOWN SIDE A OF MFW/COND
PMFWCDBY	43.4	OPERATOR SHUTS DOWN SIDE B OF MFW/COND
PRY86LAF	40.9	TRIP RELAY FAILS TO DE-ENERGIZE
PRY86RAF	40.9	TRIP RELAY FAILS TO DE-ENERGIZE
PRY86LBF	40.9	TRIP RELAY FAILS TO DE-ENERGIZE
PRY86RBF	40.9	TRIP RELAY FAILS TO DE-ENERGIZE
PCN86LAF	33.6	CONTACTS ON TRIP RELAY FAIL TO CLOSE
PCN86RAF	33.6	CONTACTS ON TRIP RELAY FAIL TO CLOSE
PCN86LBF	33.6	CONTACTS ON TRIP RELAY FAIL TO CLOSE
PCN86RBF	33.6	CONTACTS ON TRIP RELAY FAIL TO CLOSE
PFECD1AD	32.2	CDP-1A FLOW ELEMENT FAILS TO RESPOND
PFECD1BD	32.2	CDP-1B FLOW ELEMENT FAILS TO RESPOND
PLT1812D	16.3	SELECTED LEVEL TRANSM. FAILS TO RESPOND
PLT1803D	16.3	SELECTED LEVEL TRANSM. FAILS TO RESPOND
PMP2112L	9.9	STATIC MULTIPLIER 21.12 FAILS LOW
PSG1911L	9.9	SIGNAL GEN. FOR LO LEVEL SETP. FAILS LOW
PSU1812F	9.9	SUMMER 18.12 FAILS TO RESPOND
PSU1812H	9.9	SUMMER 18.12 FAILS HIGH
PMP2103L	9.9	STATIC MULTIPLIER 21.3 FAILS LOW
PSG1904L	9.9	SIGNAL GEN. FOR LO LEVEL SETP. FAILS LOW
PSU1803F	9.9	SUMMER 18.3 FAILS TO RESPOND
PSU1803H	9.9	SUMMER 18.3 FAILS HIGH
PAC1706F	9.5	AUCTIONEER 17.6 FAILS TO RESPOND
PAC1806F	9.5	AUCTIONEER 18.6 FAILS TO RESPOND
PFG2006F	9.5	FUNCTION GEN. 20.6 FAILS TO RESPOND
PFG2506F	9.5	FUNCTION GEN. 25.6 FAILS TO RESPOND
PMP2103F	9.5	STATIC MULTIPLIER 21.3 FAILS TO RESPOND
PSG1904H	9.5	SIGNAL GEN. FOR LO LEVEL SETP. FAILS HI
PSU2206F	9.5	SUMMER 22.6 FAILS TO RESPOND
PAC1710F	9.5	AUCTIONEER 17.10 FAILS TO RESPOND
PAC1810F	9.5	AUCTIONEER 18.10 FAILS TO RESPOND
PFG2010F	9.5	FUNCTION GEN. 20.10 FAILS TO RESPOND
PFG2510F	9.5	FUNCTION GEN. 25.10 FAILS TO RESPOND
PMP2112F	9.5	STATIC MULTIPLIER 21.12 FAILS TO RESPOND

PSG1911H	9.5	SIGNAL GEN. FOR LO LEVEL SETP. FAILS HI
PSU2210F	9.5	SUMMER 22.10 FAILS TO RESPOND
PAVFW39Z	6.6	VALVES IN STARTUP LINE NOT RESTORED
PAVFW40Z	6.6	VALVES IN STARTUP LINE NOT RESTORED
PHAFW40X	6.3	FWV-40 CONTROLLER IN MANUAL MODE
PHAFW39X	6.3	FWV-39 CONTROLLER IN MANUAL MODE
PTPFW2BF	3.2	FWP-2B FAILS TO RUN
PTPFW2AF	3.2	FWP-2A FAILS TO RUN
PLT1812H	2.6	SELECTED LEVEL TRANSMITTER FAILS HIGH
PLT1803H	2.6	SELECTED LEVEL TRANSMITTER FAILS HIGH
PIASYSTC	2.0	MAJOR IA SYSTEM CONTAMINATION
PCVFW42N	2.0	CHECK VALVE FWV-42 FAILS TO OPEN
PCVFW41N	2.0	CHECK VALVE FWV-41 FAILS TO OPEN
PPMSC1BF	1.2	PUMP FAILS TO CONTINUE TO RUN
PPMSC1AF	1.2	PUMP FAILS TO CONTINUE TO RUN
PPMCD1BF	1.2	CDP-1B FAILS TO RUN
PPMCD1AF	1.2	CDP-1A FAILS TO RUN
PPMFW1BF	1.2	FWP-1B FAILS TO CONTINUE TO RUN
PPMFW1AF	1.2	FWP-1A FAILS TO CONTINUE TO RUN
PIASYSTR	1.0	MAJOR IA SYSTEM LEAK
PDF1711H	0.6	DIFFERENCE CONTROLLER 17.11 FAILS HIGH
PDF1704H	0.6	DIFFERENCE CONTROLLER 17.4 FAILS HIGH
PMVFW28N	0.6	MOV FWV-28 FAILS TO OPEN ON DEMAND
PMVFW28K	0.6	MOV FWV-28 TRANSFERS CLOSED
PAVFW39K	0.6	AOV FWV-39 TRANSFERS CLOSED
PAVFW40K	0.6	AOV FWV-40 TRANSFERS CLOSED
PAVMS09C	0.5	MSV-9 FAILS TO CLOSE
PAVMS10C	0.5	MSV-10 FAILS TO CLOSE
PAVMS11C	0.5	MSV-11 FAILS TO CLOSE
PAVMS14C	0.5	MSV-14 FAILS TO CLOSE
PFLAF3AP	0.5	DRYER AFTERFILTER PLUGS
PFLPF3AP	0.5	DRYER PREFILTER PLUGS
PLTDEAEF	0.4	LEVEL TRANSMITTER INPUT TO CONTROLLER
PFE0512D	0.3	STARTUP LINE FLOW ELEMENT FAILS TO
PFE0502D	0.3	STARTUP LINE FLOW ELEMENT FAILS TO
PAVM413K	0.3	MSV-413 TRANSFERS CLOSED
PAVSC70K	0.3	SCV-70 TRANSFERS CLOSED
PAVM411K	0.3	MSV-411 TRANSFERS CLOSED
PAVSC69K	0.3	SCV-69 TRANSFERS CLOSED
PCVC222K	0.2	CDV-222 TRANSFERS CLOSED
PCTCD1AF	0.2	CDP-1A CONTROLLER FAILS
PCTCD1BF	0.2	CDP-1B CONTROLLER FAILS
PCVFW46K	0.2	CHECK VALVE FWV-46 TRANSFERS CLOSED
PCVFW45K	0.2	CHECK VALVE FWV-45 TRANSFERS CLOSED
PDF1804H	0.2	DIFFERENCE CONTROLLER 18.4 FAILS HIGH
PDF2007H	0.2	DIFFERENCE CONTROLLER 20.7 FAILS HIGH
PPC2004H	0.2	PI CONTROLLER 20.4 FAILS HIGH
PPC2106H	0.2	PI CONTROLLER 21.6 FAILS HIGH
PPC2107H	0.2	PI CONTROLLER 21.7 FAILS HIGH
PDF1811H	0.2	DIFFERENCE CONTROLLER 18.11 FAILS HIGH
PDF2009H	0.2	DIFFERENCE CONTROLLER 20.9 FAILS HIGH
PPC2011H	0.2	PI CONTROLLER 20.11 FAILS HIGH
PPC2109H	0.2	PI CONTROLLER 21.9 FAILS HIGH
PPC2110H	0.2	PI CONTROLLER 21.10 FAILS HIGH
PRU20PBS	0.2	LOSS-OF-POWER RELAY SPURIOUS OPERATION
PRU20PAS	0.2	LOSS-OF-POWER RELAY SPURIOUS OPERATION
PMVFW27K	0.2	MOV FWV-27 TRANSFERS CLOSED
PMVFW33K	0.2	MOV FWV-33 TRANSFERS CLOSED
PMVFW26K	0.2	MOV FWV-26 TRANSFERS CLOSED
PMVFW36K	0.2	MOV FWV-36 TRANSFERS CLOSED

PHXGSCDF	0.1	GLAND SEAL CONDENSER FAILS
PSG1611H	0.1	SIGNAL GEN. FOR HI LEVEL LIMIT FAILS HI
PSG1604H	0.1	SIGNAL GEN. FOR HI LEVEL LIMIT FAILS HI
PFE0512L	0.1	STARTUP LINE FLOW ELEMENT FAILS LOW
PFE0502L	0.1	STARTUP LINE FLOW ELEMENT FAILS LOW
PFECDD1AF	0.1	CDP-1A FLOW ELEMENT FAILS HIGH/LOW
PFECDD1BF	0.1	CDP-1B FLOW ELEMENT FAILS HIGH/LOW
PAC1410F	0.1	BTU LIMITER 14.10 FAILS TO RESPOND
PMP0512F	0.1	STATIC MULTIPLIER 5.12 FAILS TO RESPOND
PMP0512L	0.1	STATIC MULTIPLIER 5.12 FAILS LOW
PAC1406F	0.1	BTU LIMITER 14.6 FAILS TO RESPOND
PMP0502F	0.1	STATIC MULTIPLIER 5.2 FAILS TO RESPOND
PMP0502L	0.1	STATIC MULTIPLIER 5.2 FAILS LOW
PDF1810H	0.1	DIFFERENCE CONTROLLER 18.10 FAILS HIGH
PDF2112H	0.1	DIFFERENCE CONTROLLER 21.12 FAILS HIGH
PPC1910H	0.1	PI CONTROLLER 19.10 FAILS HIGH
PDF1808H	0.1	DIFFERENCE CONTROLLER 18.8 FAILS HIGH
PDF2106H	0.1	DIFFERENCE CONTROLLER 21.6 FAILS HIGH
PPC1908H	0.1	PI CONTROLLER 19.8 FAILS HIGH
PCVFW20K	0.1	FWV-20 TRANSFERS CLOSED
PCVFW23K	0.1	FWV-23 TRANSFERS CLOSED
PCVFW21K	0.1	FWV-21 TRANSFERS CLOSED
PCVFW22K	0.1	FWV-22 TRANSFERS CLOSED
PCVCD04K	0.1	CDV-4 TRANSFERS CLOSED
PCVCD03K	0.1	CDV-3 TRANSFERS CLOSED
PCVFW06K	0.1	FWV-6 TRANSFERS CLOSED
PCVFW05K	0.1	FWV-5 TRANSFERS CLOSED
PMVFW28Z	0.1	FWV-28 NOT RESTORED AFTER MAINTENANCE
PHXSC3AY	0.1	OPERATOR REMOVES SSHE-3A FROM SERVICE
PHXSC3BY	0.1	OPERATOR REMOVES SSHE-3B FROM SERVICE
PRY20TBS	0.1	CONTROL RELAY SPURIOUS OPERATION
PRY20TAS	0.1	CONTROL RELAY SPURIOUS OPERATION
PMVFW15K	0.1	FWV-15 TRANSFERS CLOSED
PMVMS54K	0.1	MSV-54 TRANSFERS CLOSED
PMVFW14K	0.1	FWV-14 TRANSFERS CLOSED
PMVMS53K	0.1	MSV-53 TRANSFERS CLOSED
PMVFW02K	0.1	FWV-2 TRANSFERS CLOSED
PMVFW07K	0.1	FWV-7 TRANSFERS CLOSED
PMVFW01K	0.1	FWV-1 TRANSFERS CLOSED
PMVFW08K	0.1	FWV-8 TRANSFERS CLOSED
PLT1803L	0.1	SELECTED LEVEL TRANSMITTER FAILS LOW
PLT1812L	0.1	SELECTED LEVEL TRANSMITTER FAILS LOW
PHXLO2BF	0.1	LUBE OIL COOLER FAILS
PHXLO2AF	0.1	LUBE OIL COOLER FAILS
PHXSS3AF	0.1	SSHE-3A FAILS
PHXSS3BF	0.1	SSHE-3B FAILS
PHXLO1BF	0.1	LUBE OIL COOLER FAILS
PHXLO1AF	0.1	LUBE OIL COOLER FAILS
PLLCALBL	0.1	ICS OTSG LOW LEVEL SETPOINTS SET LOW
PLTCALBH	0.1	OTSG LOW LEVEL TRANSMITTERS CALIBRATED
PLSFW04S	0.1	LEVEL SWITCH FW-4-LS SPURIOUS OPERATION
PLSFW06S	0.1	LEVEL SWITCH FW-6-LS SPURIOUS OPERATION
PLT1711L	0.0	SELECTED LEVEL TRANSMITTER FAILS LOW
PLT1704L	0.0	SELECTED LEVEL TRANSMITTER FAILS LOW
PSGPRESL	0.0	SIGNAL FOR TURBINE PRESSURE SETPOINT FAI
PSG1908H	0.0	SIGNAL GEN. 19.8 FOR MFW PUMP FAILS HIGH
PAC1810L	0.0	LOW LEVEL AUCTIONEER 18.10 FAILS LOW
PAC1806L	0.0	LOW LEVEL AUCTIONEER 18.6 FAILS LOW
PAC1706H	0.0	AUCTIONEER 17.6 FAILS HIGH
PAC1806H	0.0	AUCTIONEER 18.6 FAILS HIGH

PFG2006H	0.0	FUNCTION GENERATOR 20.6 FAILS HIGH
PFG2506H	0.0	FUNCTION GENERATOR 25.6 FAILS HIGH
PMP2103H	0.0	STATIC MULTIPLIER 21.3 FAILS HIGH
PSU1803L	0.0	SUMMER 18.3 FAILS LOW
PSU2206H	0.0	SUMMER 22.6 FAILS HIGH
PAC1710H	0.0	AUCTIONEER 17.10 FAILS HIGH
PAC1810H	0.0	AUCTIONEER 18.10 FAILS HIGH
PFG2010H	0.0	FUNCTION GENERATOR 20.10 FAILS HIGH
PFG2510H	0.0	FUNCTION GENERATOR 25.10 FAILS HIGH
PMP2112H	0.0	STATIC MULTIPLIER 21.12 FAILS HIGH
PSU1812L	0.0	SUMMER 18.12 FAILS LOW
PSU2210H	0.0	SUMMER 22.10 FAILS HIGH
PPTSGBPH	0.0	OTSG B PRESSURE TRANSMITTER FAILS HIGH
PPTTHPBH	0.0	TURBINE PRESSURE TRANSMITTER (OTSG-B) FA
PPTSGAPH	0.0	OTSG A PRESSURE TRANSMITTER FAILS HIGH
PPTTHPAH	0.0	TURBINE PRESSURE TRANSMITTER (OTSG-A) FA
PPT2007L	0.0	DIFF. PRESSURE TRANSMITTER FAILS LOW
PPT2009L	0.0	DIFF. PRESSURE TRANSMITTER FAILS LOW
PTELO2BL	0.0	LUBE OIL COOLER TEMPERATURE ELEMENT
PTELO2AL	0.0	LUBE OIL COOLER TEMPERATURE ELEMENT
PHL0206F	0.0	LIMITER 2.6 FAILS TO RESPOND
PIC1504F	0.0	SELECTED ION CHAMBER FAILS TO RESPOND
PSW20TBF	0.0	MANUAL TRIP SWITCH SHORTS
PSW20TAF	0.0	MANUAL TRIP SWITCH SHORTS
PAC2110H	0.0	AUCTIONEER 21.10 FAILS HIGH
PMP2111H	0.0	MULTIPLIER 21.11 FAILS HIGH
PSG2113L	0.0	OTSG B PRESSURE SETPOINT 21.13 FAILS LOW
PAC2108H	0.0	AUCTIONEER 21.8 FAILS HIGH
PMP2107H	0.0	MULTIPLIER 21.7 FAILS HIGH
PSG2105L	0.0	OTSG A PRESSURE SETPOINT 21.5 FAILS LOW
PHSF101S	0.0	SPURIOUS OPERATION OF FW-101-TS
PHSF100S	0.0	SPURIOUS OPERATION OF FW-100-TS
PPSF107S	0.0	SPURIOUS OPERATION OF FW-107-PS
PPSF193S	0.0	SPURIOUS OPERATION OF FW-193-PS
PPSF106S	0.0	SPURIOUS OPERATION OF FW-106-PS
PPSF188S	0.0	SPURIOUS OPERATION OF FW-188-PS
PPSLO1BS	0.0	SPURIOUS OPERATION OF LUBE OIL
PPSLO1AS	0.0	SPURIOUS OPERATION OF LUBE OIL
PMP1211H	0.0	STATIC MULTIPLIER 12.11 FAILS HIGH
PMP1212H	0.0	STATIC MULTIPLIER 12.12 FAILS HIGH
PMP1312H	0.0	STATIC MULTIPLIER 13.12 FAILS HIGH
PMP1411H	0.0	MULTIPLIER 14.11 FAILS HIGH
PSU1311H	0.0	SUMMER 13.11 FAILS HIGH
PMP1103H	0.0	STATIC MULTIPLIER 11.3 FAILS HIGH
PMP1203H	0.0	STATIC MULTIPLIER 12.3 FAILS HIGH
PMP1303H	0.0	STATIC MULTIPLIER 13.3 FAILS HIGH
PMP1405H	0.0	MULTIPLIER 14.5 FAILS HIGH
PSU1304H	0.0	SUMMER 13.4 FAILS HIGH
PXVIA11K	0.0	IAV-11 TRANSFERS CLOSED
PXVIA13K	0.0	IAV-13 TRANSFERS CLOSED
PXVIA17K	0.0	IAV-17 TRANSFERS CLOSED
PXVIA19K	0.0	IAV-19 TRANSFERS CLOSED
PXVIA93K	0.0	IAV-93 TRANSFERS CLOSED
PXVIA94K	0.0	IAV-94 TRANSFERS CLOSED
PXVCD33K	0.0	CDV-33 TRANSFERS CLOSED
PXVCD34K	0.0	CDV-34 TRANSFERS CLOSED
PXVSC11K	0.0	SCV-11 TRANSFERS CLOSED
PHXCD--M	0.0	CDHE TRAIN A OR TRAIN B IN MAINTENANCE
PDF1509F	0.0	DIFF. CONTROLLER RC15.9 FAILS TO RESPOND
PRYLOADF	0.0	RELAY TRANSFERING MEASURED LOAD FAILS

PRYTRIPF	0.0	RELAY SIGNALING REACTOR TRIP FAILS
PXVASV4K	0.0	ASV-4 TRANSFERS CLOSED
PXVM108K	0.0	MSV-108 TRANSFERS CLOSED
PXVS150K	0.0	SCV-150 TRANSFERS CLOSED
PXVS154K	0.0	SCV-154 TRANSFERS CLOSED
PXVSC60K	0.0	SCV-60 TRANSFERS CLOSED
PXVSC62K	0.0	SCV-62 TRANSFERS CLOSED
PXVASV3K	0.0	ASV-3 TRANSFERS CLOSED
PXVS149K	0.0	SCV-149 TRANSFERS CLOSED
PXVS151K	0.0	SCV-151 TRANSFERS CLOSED
PXVS152K	0.0	SCV-152 TRANSFERS CLOSED
PXVSC59K	0.0	SCV-59 TRANSFERS CLOSED
PXVSC61K	0.0	SCV-61 TRANSFERS CLOSED
PXVC192K	0.0	CDV-192 TRANSFERS CLOSED
PXVCD02K	0.0	CDV-2 TRANSFERS CLOSED
PXVCD06K	0.0	CDV-6 TRANSFERS CLOSED
PXVS157K	0.0	SCV-157 TRANSFERS CLOSED
PXVS158K	0.0	SCV-158 TRANSFERS CLOSED
PXVC191K	0.0	CDV-191 TRANSFERS CLOSED
PXVCD01K	0.0	CDV-1 TRANSFERS CLOSED
PXVCD05K	0.0	CDV-5 TRANSFERS CLOSED
PXVS155K	0.0	SCV-155 TRANSFERS CLOSED
PXVS156K	0.0	SCV-156 TRANSFERS CLOSED
PXVS102K	0.0	SCV-102 TRANSFERS CLOSED
PXVS110K	0.0	SCV-110 TRANSFERS CLOSED
PXVS101K	0.0	SCV-101 TRANSFERS CLOSED
PXVS109K	0.0	SCV-109 TRANSFERS CLOSED
PXVSCV2K	0.0	SCV-2 TRANSFERS CLOSED
PXVSCV4K	0.0	SCV-4 TRANSFERS CLOSED
PXVSCV1K	0.0	SCV-1 TRANSFERS CLOSED
PXVSCV3K	0.0	SCV-3 TRANSFERS CLOSED
PXVSC05K	0.0	SCV-5 TRANSFERS CLOSED
PXVSC06K	0.0	SCV-6 TRANSFERS CLOSED
PXVSC07K	0.0	SCV-7 TRANSFERS CLOSED
PXVSC08K	0.0	SCV-8 TRANSFERS CLOSED
PTKSC11J	0.0	SSCCC SURGE TANK FAILURE
PBA1504F	0.0	ION CHAMBER AMPLIFIER FAILS TO RESPOND
PDF0510L	0.0	DIFFERENCE CONTROLLER 5.10 FAILS LOW
PDF1610H	0.0	DIFFERENCE CONTROLLER 16.10 FAILS HIGH
PDF0504L	0.0	DIFFERENCE CONTROLLER 5.4 FAILS LOW
PDF1606H	0.0	DIFFERENCE CONTROLLER 16.6 FAILS HIGH
PMVCD1K	0.0	MOV TRANSFERS CLOSED IN OPERATING TRAIN
PMVCD2K	0.0	MOV TRANSFERS CLOSED IN OPERATING TRAIN
PHXCD1-F	0.0	CDHE FAILS
PHXCD2-F	0.0	CDHE FAILS
PHXCD3-F	0.0	CDHE FAILS
PFG0202F	0.0	FUNCTION GEN. 20.2 FAILS TO RESPOND
PFG1504F	0.0	FUNCTION GEN. RC15.4 FAILS TO RESPOND
PMP0203F	0.0	SIGNAL INVERTER 2.3 FAILS TO
PMP0208F	0.0	MULTIPLIER 2.8 FAILS TO RESPOND
PMP1006F	0.0	MULTIPLIER IC10.6 FAILS TO RESPOND
PMP1011F	0.0	STATIC MULTIPLIER IC10.11 FAILS TO
PSG2005L	0.0	SIGNAL GEN. FOR RUNBACK FAILS LOW
PSU0308F	0.0	SUMMER 3.8 FAILS TO RESPOND
PSU1007F	0.0	SUMMER IC10.7 FAILS TO RESPOND
PSU1607F	0.0	RATE LIMITER 16.7 FAILS TO RESPOND
PSU1609F	0.0	SUMMER 16.9 FAILS TO RESPOND
PLL1109X	0.0	LOW LEVEL LIMITER 11.9 CALIBRATED LOW
PPT1312H	0.0	SELECTED PRESSURE TRANSMITTER FAILS HIGH
PPT1303H	0.0	SELECTED PRESSURE TRANSMITTER FAILS HIGH

PHXCD--Z	0.0	CDHE TRAIN NOT RESTORED AFTER MAINT.
PAC1410H	0.0	BTU LIMITER 14.10 FAILS HIGH
PFG0409L	0.0	FUNCTION GENERATOR 4.9 FAILS LOW
PSU0410L	0.0	SUMMER 4.10 FAILS LOW
PAC1406H	0.0	BTU LIMITER 14.6 FAILS HIGH
PFG0405L	0.0	FUNCTION GENERATOR 4.5 FAILS LOW
PSU0404L	0.0	SUMMER 4.4 FAILS LOW
PIC1504H	0.0	SELECTED ION CHAMBER FAILS HIGH
PHL0206H	0.0	LIMITER 2.6 FAILS HIGH
PLL0306H	0.0	LIMITER 3.6 FAILS HIGH
PLL0806H	0.0	LIMITER IC8.6 FAILS HIGH
PLL1109L	0.0	LOW LEVEL LIMITER 11.9 FAILS LOW
PLL1207H	0.0	LIMITER IC 12.7 FAILS HIGH
PFE1412H	0.0	RCS FLOW ELEMENT FAILS HIGH
PFG1412H	0.0	FUNCTION GENERATOR 14.12 FAILS HIGH
PFE1403H	0.0	RCG FLOW ELEMENT FAILS HIGH
PFG1403H	0.0	FUNCTION GENERATOR 14.3 FAILS HIGH
PBA1504H	0.0	ION CHAMBER AMPLIFIER FAILS HIGH
PDF0209H	0.0	DIFFERENCE CONTROLLER 2.9 FAILS HIGH
PDF0406H	0.0	DIFFERENCE CONTROLLER IC4.6 FAILS HIGH
PDF1505L	0.0	DIFFERENCE CONTROLLER IC 15.5 FAILS LOW
PHXCD1AF	0.0	CDHE-1A FAILS
PHXCD1BF	0.0	CDHE-1B FAILS
PHXCD2AF	0.0	CDHE-2A FAILS
PHXCD2BF	0.0	CDHE-2B FAILS
PHXCD3AF	0.0	CDHE-3A FAILS
PHXCD3BF	0.0	CDHE-3B FAILS
PMVCD41K	0.0	CDV-41 TRANSFERS CLOSED
PMVCD42K	0.0	CDV-42 TRANSFERS CLOSED
PMVCD43K	0.0	CDV-43 TRANSFERS CLOSED
PMVCD44K	0.0	CDV-44 TRANSFERS CLOSED
PEPMS09H	0.0	MSV-9 E/P CONTROLLER FAILS HIGH
PEPMS10H	0.0	MSV-10 E/P CONTROLLER FAILS HIGH
PEPMS11H	0.0	MSV-11 E/P CONTROLLER FAILS HIGH
PEPMS14H	0.0	MSV-14 E/P CONTROLLER FAILS HIGH
PBS0205H	0.0	BIAS 2.5 FAILS HIGH
PBS0305H	0.0	BIAS 3.5 FAILS HIGH
PFG0109L	0.0	FUNCTION GENERATOR 1.9 FAILS LOW
PFG0202L	0.0	FUNCTION GENERATOR 2.2 FAILS LOW
PFG0210H	0.0	FUNCTION GENERATOR 2.10 FAILS HIGH
PFG1504H	0.0	FUNCTION GENERATOR RC15.4 FAILS HIGH
PIT0706H	0.0	INTEGRATOR IC7.6 FAILS HIGH
PMP0203H	0.0	SIGNAL INVERTER 2.3 FAILS HIGH
PMP1006H	0.0	MULTIPLIER IC10.6 FAILS HIGH
PMP1011H	0.0	STATIC MULTIPLIER IC10.11 FAILS HIGH
PMP1307H	0.0	SIGNAL INVERTER IC 13.7 FAILS HIGH
PMPO208H	0.0	MULTIPLIER 2.8 FAILS HIGH
PPT1505L	0.0	SELECTED PRESSURE TRANSMITTER FAILS LOW
PSG1402H	0.0	SIGNAL GENERATOR IC 14.2 FAILS HIGH
PSU0211H	0.0	AVERAGER 2.11 FAILS HIGH
PSU0308H	0.0	SUMMER 3.8 FAILS HIGH
PSU1007H	0.0	SUMMER IC10.7 FAILS HIGH
PSU1607H	0.0	RATE LIMITER 16.7 FAILS HIGH
PSU1609H	0.0	SUMMER 16.9 FAILS HIGH

COMPONENT IMPORTANCES FOR Q001

EFV-1	100.0	Motor-Driven Emergency Feedwater Pump
EFV-2	93.9	Steam-Driven Emergency Feedwater Pump
QTL-7A1	12.9	EFIC Trip Channel 7A1
QTL-7A2	12.9	EFIC Trip Channel 7A2
EFV-57	11.2	EFV-1 Discharge Control Valve (OTSG-B)
EFV-58	11.2	EFV-1 Discharge Control Valve (OTSG-A)
MSV-25	8.3	Atmospheric Dump Valve (OTSG-A)
MSV-26	8.3	Atmospheric Dump Valve (OTSG-B)
MSTB-1	6.5	Main Turbine
EFV-56	6.0	EFV-2 Discharge Control Valve (OTSG-A)
EFV-55	6.0	EFV-2 Discharge Control Valve (OTSG-B)
QTL-7B1	4.6	EFIC Trip Channel 7B1
QTL-7B2	4.6	EFIC Trip Channel 7B2
EFV-6	4.1	EFV-1 Discharge Check Valve
EFV-7	4.1	EFV-1 Discharge Stop Check Valve
EFV-35	4.1	EFV-1 Recirculation Line Check Valve
EFV-CC	4.0	EFV-1,2 - Common Cause
MSV-413	2.4	Main Steam Isolation Valve (MS Line B-1)
MSV-412	2.4	Main Steam Isolation Valve (MS Line A-1)
MSV-411	2.4	Main Steam Isolation Valve (MS Line A-2)
MSV-414	2.4	Main Steam Isolation Valve (MS Line B-2)
FWV-43	2.2	EFV Discharge Check Valve to OTSG-B
FWV-44	2.2	EFV Discharge Check Valve to OTSG-A
EFT-2	1.8	Dedicated Emergency Feedwater Tank
EFV-5	1.5	EFV-2 Discharge Check Valve
EFV-8	1.5	EFV-2 Discharge Stop Check Valve
EFV-34	1.5	EFV-2 Recirculation Line Check Valve
QSW-TL7A	1.2	EFIC Channel 7A Manual Select Switch
QLB-VAAB	1.1	EFIC Pressure Logic - Vector Channel A
QLB-VDAB	1.1	EFIC Pressure Logic - Vector Channel D
QCM-PA	1.0	EFIC OTSG-A Pressure Control Channel
QCM-PB	1.0	EFIC OTSG-B Pressure Control Channel
QTL-VBA	0.4	
QSW-TL7B	0.4	EFIC Channel 7B Manual Select Switch
QLB-VBAB	0.4	
QLB-VCAB	0.4	
QTL-VAA	0.3	
QTL-VDA	0.3	
QTL-VDB	0.3	
QCM-AB	0.3	
QSU-EFV-57	0.3	EFIC Summer for EFV-57 Control
QCM-AA	0.3	
QSU-EFV-58	0.3	EFIC Summer for EFV-58 Control
QBA-LT21	0.3	
QBA-LT17	0.3	
EFV-3	0.3	
EFV-24	0.3	
ASV-5	0.2	
ASV-204	0.2	
QLT-21	0.2	
QLT-17	0.2	
QFT-EFV-55	0.2	
QFT-EFV-58	0.2	
QCM-BA	0.1	

QSU-EFV-56	0.1
QCM-BB	0.1
QSU-EFV-55	0.1
QBA-LT18	0.1
QBA-LT22	0.1
EFV-14	0.1
EFV-33	0.1
QBI-ST17	0.1
QBI-ST20	0.1
QBA-FT55	0.1
QBI-ST21	0.1
QBI-ST24	0.1
QLT-18	0.1
QLT-22	0.1
ASV-50	0.1
EFV-4	0.1
EFV-23	0.1
EFV-49	0.1
EFV-50	0.1
EFV-51	0.1
EFV-52	0.1
EFV-53	0.1
EFV-54	0.1
QTL-VCA	0.1
QTL-VBB	0.1
QTL-VCB	0.1
QBA-FT58	0.1
QBA-LT20	0.1
QBA-LT24	0.1
QRY-7A1	0.1
QRY-7A2	0.1
QLT-20	0.0
QLT-24	0.0
QFT-EFV-56	0.0
EFV-11	0.0
EFV-32	0.0
QLB-LIAA	0.0
QLB-LIDA	0.0
QLB-LIAB	0.0
QLB-LIDB	0.0
QBI-ST18	0.0
QBI-ST19	0.0
QBI-ST22	0.0
QBI-ST23	0.0
QRY-7B1	0.0
QRY-7B2	0.0
QBA-FT56	0.0
QBA-LT19	0.0
QBA-LT23	0.0
QPT	0.0
QLT-19	0.0
QLT-23	0.0
QBA-PT1A	0.0
QBA-PT1B	0.0
QLB-LIBA	0.0
QLB-LICA	0.0
QLB-LIBB	0.0
QLB-LICB	0.0
ASV-100	0.0
ASV-200	0.0

EFIC Summer for EFV-56 Control

EFIC Summer for EFV-55 Control

EFV-15	0.0
EFV-16	0.0
EFV-17	0.0
EFV-18	0.0
CDV-5	0.0
QLT-CD59	0.0
CDT-1	0.0
CDV-103	0.0
ASV-48	0.0
ASV-49	0.0
EFV-36	0.0
QLT-EFT-1	0.0
QLT-EFT-2	0.0

EVENT IMPORTANCES FOR Q001

QTPEFP2A	100.0	EFP-2 FAILS TO START
QPMCCFTS	72.0	EFP-1,2 CCF TO START
QPMCFP1M	40.6	EFP-1 TRAIN IN MAINTENANCE
QTPEFP2M	29.6	EFP-2 TRAIN IN MAINTENANCE
QMANUALY	26.6	OPERATOR FAILS TO CONTROL EFW
QPMCFP1A	25.5	PUMP FAILS TO START
QTL07A1F	18.6	TRIP CHANNEL FAILS TO TRIP
QTL07A2F	18.6	TRIP CHANNEL FAILS TO TRIP
QSVEF57D	15.8	CONTROL VALVE FAILS ON DEMAND
QSVEF58D	15.8	CONTROL VALVE FAILS ON DEMAND
QAVMS25C	12.0	MSV-25 (ADV) FAILS TO CLOSE ON DEMAND
QAVMS26C	12.0	MSV-26 (ADV) FAILS TO CLOSE ON DEMAND
MSTTF	9.4	TURBINE FAILS TO TRIP GIVEN REACTOR TRIP
QSVEF56D	8.6	CONTROL VALVE FAILS ON DEMAND
QSVEF55D	8.6	CONTROL VALVE FAILS ON DEMAND
QCMCALBL	7.7	COMMON MODE ERROR - SETPOINT ON EFIC FUL
QTL07B1F	6.7	TRIP CHANNEL FAILS TO TRIP
QTL07B2F	6.7	TRIP CHANNEL FAILS TO TRIP
QPMCFP1F	6.7	PUMP FAILS TO CONTINUE TO RUN
QTPEFP2F	6.4	EFP-2 FAILS TO RUN
QCVEF06N	5.9	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF07N	5.9	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF35N	5.9	CHECK VALVE FAILS TO OPEN ON DEMAND
QPMCCFTR	5.8	EFP-1,2 CCF TO RUN
QPMCFP1Z	5.7	OPERATOR FAILS TO RESTORE PUMP TRAIN
QAVM413C	3.5	MSV-413 MAIN STEAM ISOLATION VLV FAILS T
QAVM412C	3.5	MSV-412 MAIN STEAM ISOLATION VLV FAILS T
QAVM411C	3.5	MSV-411 MAIN STEAM ISOLATION VLV FAILS T
QAVM414C	3.5	MSV-414 MAIN STEAM ISOLATION VLV FAILS T
QCVFW43N	3.2	FWV-43 FAILS TO OPEN ON DEMAND
QCVFW44N	3.2	FWV-44 FAILS TO OPEN ON DEMAND
QTKEPT2G	2.6	PRE-EXISTING LOW LEVEL IN EFT-2 (LEAK)
QTKEPT2Z	2.6	OPERATORS DO NOT RESPOND TO ALARMS
QCVEF05N	2.1	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF08N	2.1	CHECK VALVE FAILS TO OPEN ON DEMAND
QCVEF34N	2.1	CHECK VALVE FAILS TO OPEN ON DEMAND
QSWTL7AS	1.7	CHANNEL 7A MANUAL SELECT SWITCH SHORTED
QLBVAABF	1.6	PRESSURE LOGIC FAILS - VECTOR CHANNEL A
QLBVDABF	1.6	PRESSURE LOGIC FAILS - VECTOR CHANNEL D
QCMPA00H	1.5	EFIC OTSG-A PRESSURE CONTROL CHANNEL FAI
QCMPB00H	1.5	EFIC OTSG-B PRESSURE CONTROL CHANNEL FAI
QSWTL7BS	0.6	CHANNEL 7B MANUAL SELECT SWITCH SHORTED
QCVEF07X	0.6	STOP VALVE MISALIGNED CLOSED
QLBVBABF	0.6	PRESSURE LOGIC FAILS - VECTOR CHANNEL B
QLBVCABF	0.6	PRESSURE LOGIC FAILS - VECTOR CHANNEL C
QSVEF58K	0.5	CONTROL VALVE TRANSFERS CLOSED
QSVEF57K	0.5	CONTROL VALVE TRANSFERS CLOSED
QTLVAAOF	0.5	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVDAOF	0.5	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVABOF	0.5	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVDBOF	0.5	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QXVEF03K	0.4	PUMP SUCTION VALVE TRANSFERS CLOSED
QXVEF24K	0.4	MANUAL VALVE TRANSFERS CLOSED
QMVA005N	0.3	ASV-5 FAILS TO OPEN ON DEMAND

QMVA204N	0.3	ASV-204 FAILS TO OPEN ON DEMAND
QCMABOOF	0.3	LOSS OF SIGNAL FROM EFIC CONTROL
QSUEF57L	0.3	EFV-57 SUMMER FAILS LOW
QCMAAOOF	0.3	LOSS OF SIGNAL FROM EFIC CONTROL
QSUEF58L	0.3	EFV-58 SUMMER FAILS LOW
QBALT21L	0.3	SIGNAL CONDITIONER FOR LEVEL TRANSMITTER
QBALT17L	0.3	SIGNAL CONDITIONER FOR LEVEL TRANSMITTER
QFTEF55H	0.3	EFV-55 FLOW TRANSMITTER FAILS HIGH
QLT0021L	0.2	LEVEL TRANSMITTER FAILS LOW
QLT0017L	0.2	LEVEL TRANSMITTER FAILS LOW
QFTEF58H	0.2	EFV-58 FLOW TRANSMITTER FAILS HIGH
QCVEF08X	0.2	STOP VALVE MISALIGNED CLOSED
QTPEFP2Z	0.2	OPERATOR FAILS TO RESTORE EFP-2 TRAIN
QXVAS50X	0.2	ASV-50 MISALIGNED CLOSED
QXVEFP2X	0.2	PUMP COOLING LINES MISALIGNED CLOSED
QMVEF14K	0.2	BLOCK VALVE TRANSFERS CLOSED
QMVEF33K	0.2	BLOCK VALVE TRANSFERS CLOSED
QCMBAOOF	0.2	LOSS OF SIGNAL FROM EFIC CONTROL
QSUEF56L	0.2	EFV-56 SUMMER FAILS LOW
QCMBBOOF	0.2	LOSS OF SIGNAL FROM EFIC CONTROL
QSUEF55L	0.2	EFV-55 SUMMER FAILS LOW
QBALT18L	0.2	SIGNAL CONDITIONER FOR LEVEL TRANSMITTER
QBALT22L	0.2	SIGNAL CONDITIONER FOR LEVEL TRANSMITTER
QBIST17F	0.2	BISTABLE FAILS
QBIST20F	0.2	BISTABLE FAILS
QBAFT55H	0.2	FT (EFV-55) SIGNAL COND. FAILS HIGH
QBIST21F	0.2	BISTABLE FAILS
QBIST24F	0.2	BISTABLE FAILS
QSVEF56K	0.1	CONTROL VALVE TRANSFERS CLOSED
QSVEF55K	0.1	CONTROL VALVE TRANSFERS CLOSED
QXVAS50K	0.1	ASV-50 TRANSFERS CLOSED
QXVEF04K	0.1	PUMP SUCTION VALVE TRANSFERS CLOSED
QXVEF23K	0.1	MANUAL VALVE TRANSFERS CLOSED
QXVEF49K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF50K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF51K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF52K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF53K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QXVEF54K	0.1	COOLING LINE VALVE TRANSFERS CLOSED
QTLVBAOF	0.1	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVCAOF	0.1	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVBBOF	0.1	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QTLVCBOF	0.1	FAILURE OF VALVE OPEN SIGNAL FROM TRIP
QLT0018L	0.1	LEVEL TRANSMITTER FAILS LOW
QLT0022L	0.1	LEVEL TRANSMITTER FAILS LOW
QCMAA00H	0.1	HIGH OUPUT (CLOSE SIGNAL) FROM EFIC
QSUEF58H	0.1	EFV-58 SUMMER FAILS HIGH
QCMAB00H	0.1	HIGH CUPUT (CLOSE SIGNAL) FROM EFIC
QSUEF57H	0.1	EFV-57 SUMMER FAILS HIGH
QBAFT58H	0.1	FT (EFV-58) SIGNAL COND. FAILS HIGH
QBALT17H	0.1	SIGNAL CONDITIONER FAILS HIGH
QBALT20H	0.1	SIGNAL CONDITIONER FAILS HIGH
QBALT21H	0.1	SIGNAL CONDITIONER FAILS HIGH
QBALT24H	0.1	SIGNAL CONDITIONER FAILS HIGH
QRY07A1E	0.1	TRIP RELAY 7A1 FAILS TO ENERGIZE
QRY07A2E	0.1	TRIP RELAY 7A2 FAILS TO ENERGIZE
QCMPCALL	0.1	EFIC PRESS. CONTROL SETPOINTS CAL. LOW
QLT0017H	0.1	LEVEL TRANSMITTER FAILS HIGH
QLT0020H	0.1	LEVEL TRANSMITTER FAILS HIGH
QLT0021H	0.1	LEVEL TRANSMITTER FAILS HIGH

QLT0024H	0.1	LEVEL TRANSMITTER FAILS HIGH
QFTEF56H	0.1	EFV-56 FLOW TRANSMITTER FAILS HIGH
QMVEF11K	0.0	BLOCK VALVE TRANSFERS CLOSED
QMVEF32K	0.0	BLOCK VALVE TRANSFERS CLOSED
QLBLIAAF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN A
QLBLIDAF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN D
QLBLIABF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN A
QLBLIDBF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN D
QBIST18F	0.0	BISTABLE FAILS
QBIST19F	0.0	BISTABLE FAILS
QBIST22F	0.0	BISTABLE FAILS
QBIST23F	0.0	BISTABLE FAILS
QCMBAA00H	0.0	HIGH OUPUT (CLOSE SIGNAL) FROM EFIC
QSUEF56H	0.0	EFV-56 SUMMER FAILS HIGH
QCMBB00H	0.0	HIGH OUPUT (CLOSE SIGNAL) FROM EFIC
QSUEF55H	0.0	EFV-55 SUMMER FAILS HIGH
QRY07B1E	0.0	TRIP RELAY 7B1 FAILS TO ENERGIZE
QRY07B2E	0.0	TRIP RELAY 7B2 FAILS TO ENERGIZE
QPAFT56H	0.0	FT (EFV-56) SIGNAL COND. FAILS HIGH
QBALT18H	0.0	SIGNAL CONDITIONER FAILS HIGH
QBALT19H	0.0	SIGNAL CONDITIONER FAILS HIGH
QBALT22H	0.0	SIGNAL CONDITIONER FAILS HIGH
QBALT23H	0.0	SIGNAL CONDITIONER FAILS HIGH
QLT0018H	0.0	LEVEL TRANSMITTER FAILS HIGH
QLT0019H	0.0	LEVEL TRANSMITTER FAILS HIGH
QLT0022H	0.0	LEVEL TRANSMITTER FAILS HIGH
QLT0023H	0.0	LEVEL TRANSMITTER FAILS HIGH
QBAPT1AH	0.0	EFIC OTSG-A SIGNAL COND. FOR PRESS. CNTL
QBAPT1BH	0.0	EFIC OTSG-B SIGNAL COND. FOR PRESS. CNTL
QPT1A00H	0.0	EFIC OTSG-A PRESSURE TRANSMITTER FAILS H
QPT1B00H	0.0	EFIC OTSG-B PRESSURE TRANSMITTER FAILS H
QLBLIBAF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN B
QLBLICAF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN C
QLBLIBBF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN B
QLBLICBF	0.0	OVERFILL ISOLATION LOGIC FAILS - CHAN C
QMVA005K	0.0	ASV-5 TRANSFERS CLOSED
QMVA204K	0.0	ASV-204 TRANSFERS CLOSED
QXVA100K	0.0	EFV-A1 TRANSFERS CLOSED (LOCKED OPEN)
QXVA1A2X	0.0	BOTH SUPPLY VALVES MISALIGNED CLOSED
QXVA200K	0.0	EFV-A2 TRANSFERS CLOSED (LOCKED OPEN)
QCVEF15N	0.0	EFV-15 FAILS TO OPEN (INTERNALS REMOVED)
QCVEF16N	0.0	EFV-16 FAILS TO OPEN (INTERNALS REMOVED)
QCVEF17N	0.0	EFV-17 FAILS TO OPEN (INTERNALS REMOVED)
QCVEF18N	0.0	EFV-18 FAILS TO OPEN (INTERNALS REMOVED)
QCVCDA5N	0.0	CHECK VALVE FAILS TO OPEN ON DEMAND
QLTCD59H	0.0	LEVEL TRANSMITTER FAILS HIGH
QLTCD59X	0.0	LEVEL TRANSMITTER CALIBRATED HIGH
QTKCDT1G	0.0	LEAKAGE FROM CDT-1
QXVC103K	0.0	CDV-103 TRANSFERS CLOSED
QXVC103N	0.0	CDV-103 FAILS TO OPEN
QMVEF34Y	0.0	OPERATOR FAILS TO CLOSE EFV-3 AND EFV-4
QRVA048N	0.0	ARV-48 FAILS TO OPEN ON DEMAND
QRVA049N	0.0	ARV-49 FAILS TO OPEN ON DEMAND
QXVEF36K	0.0	EFV-36 TRANSFERS CLOSED
QXVEF36X	0.0	EFV-36 MISALIGNED CLOSED
QLTEFT1D	0.0	LEVEL TRANSMITTER 1 FAILS TO RESPOND
QLTEFT1H	0.0	LEVEL TRANSMITTER 1 FAILS HIGH
QLTEFT2D	0.0	LEVEL TRANSMITTER 2 FAILS TO RESPOND
QLTEFT2H	0.0	LEVEL TRANSMITTER 2 FAILS HIGH
QLTEFT2X	0.0	EFT-2 LEVEL TRANSMITTERS CALIBRATED HIGH

QTKEFT2Y 0.0

OPERATOR FAILS TO SWITCH EFW SUCTION

COMPONENT IMPORTANCES FOR S001

SPP	100.0	NSCCC Piping
SWV-1	37.8	NSCCC Surge Tank Manual Isolation Valve
SWP-1C	30.1	Normally Operating NSCCC Pump
SWT-1	17.2	NSCCC Surge Tank
SWP-1B	8.8	Standby NSCCC Pump B
SWP-1A	8.8	Standby NSCCC Pump A
RWP-1	7.7	Normally Operating NSCCC Raw Water Pump
SWV-195	4.8	SWP Discharge Pressure Line Iso. Valve
SWP-CC	4.7	SWP-1A,1B - Common Cause
RWP-2A	4.1	Standby NSCCC Raw Water Pump A
RWP-2B	3.5	Standby NSCCC Raw Water Pump B
RWP2-CC	2.9	RWP-2A,2B - Common Cause
SPS-63	1.2	Pressure Switch for RWP-2B Actuation
SWV-412	0.7	SWP-1A Discharge Check Valve
SWV-8	0.7	SWP-1A Discharge Check Valve
SWV-413	0.7	SWP-1B Discharge Check Valve
SWV-9	0.7	SWP-1B Discharge Check Valve
SWV-139	0.0	
SWV-163	0.0	
SWV-408	0.0	
SWV-410	0.0	
SWV-424	0.0	
SWV-2	0.0	
SWV-5	0.0	
SWV-140	0.0	
SWV-164	0.0	
SWV-409	0.0	
SWV-411	0.0	
SWV-425	0.0	
SWV-3	0.0	
SWV-6	0.0	
DOV-161	0.0	
DOV-177	0.0	
DOV-178	0.0	
RWV-24	0.0	
SWV-142	0.0	
SWV-166	0.0	
RWV-54	0.0	
DOV-163	0.0	
DOV-181	0.0	
DOV-182	0.0	
RWV-21	0.0	
SWV-144	0.0	
SWV-168	0.0	
SPS-206	0.0	
SWV-10	0.0	
SWV-141	0.0	
SWV-165	0.0	
SWV-4	0.0	
SWV-7	0.0	
SPS-151	0.0	

EVENT IMPORTANCES FOR S001

SPPNSCCJ	100.0	PIPE RUPTURE IN NSCCC SYSTEM
SXVSWV1K	37.8	SWV-1 TRANSFERS CLOSED
SPMSWPCM	29.4	SWP-1C TRAIN IN MAINTENANCE
SCONFIG1	17.7	SWP-1C TRAIN NOT IN MAINTENANCE
STKSWT1J	17.2	RUPTURE OF SWT-1 SURGE TANK
SPMRWP1M	7.7	RWP-1 IN MAINTENANCE
SXVS195X	7.3	SWV-195 MISALIGNED
SPMSWPBM	4.9	SWP-1B TRAIN IN MAINTENANCE
SPMSWPAM	4.9	SWP-1A TRAIN IN MAINTENANCE
SXVS195K	4.8	SWV-195 TRANSFERS CLOSED
SPMSCCFS	3.7	SWP-A,B CCF TO START
SPMSWPAA	3.2	SWP-1A FAILS TO START
SPMSWPBA	3.2	SWP-1B FAILS TO START
SPSP151X	2.4	PRESSURE SWITCHES PS-151,206 CAL. HIGH
SPMR2CFS	2.3	RWP-2A,2B CCF TO START
SPMRW2AM	2.2	RWP-2A IN MAINTENANCE
SPMRW2BM	1.9	RWP-2B IN MAINTENANCE
SPMRW2AA	1.4	RWP-2A FAILS TO START
SPMRW2BA	1.3	RWP-2B FAILS TO START
SPSPS63H	1.2	PS-63 FAILS TO SHUT ON LOW PRESSURE
SPMSCCFR	1.0	SWP-A,B CCF TO RUN
HO043H	0.7	CREW FAILS TO START RWP-2A IN 3.5 HRS
SCVS412N	0.7	SWV-412 FAILS TO OPEN
SCVSWV8N	0.7	SWV-8 FAILS TO OPEN
SCVS413N	0.7	SWV-413 FAILS TO OPEN
SCVSWV9N	0.7	SWV-9 FAILS TO OPEN
SPMSWPBF	0.7	SWP-1B FAILS TO OPERATE
SPMSWPAF	0.7	SWP-1A FAILS TO OPERATE
SPMSWPCF	0.6	SWP-1C FAILS TO OPERATE
SPMR2CFR	0.6	RWP-2A,2B CCF TO RUN
SPMRW2AF	0.4	RWP-2A FAILS TO OPERATE
SPMRW2BF	0.2	RWP-2B FAILS TO OPERATE
SXVS139K	0.0	SWV-139 TRANSFERS CLOSED
SXVS139X	0.0	SWV-139 MISALIGNED
SXVS163K	0.0	SWV-163 TRANSFERS CLOSED
SXVS163X	0.0	SWV-163 MISALIGNED
SXVS408K	0.0	SWV-408 TRANSFERS CLOSED
SXVS408X	0.0	SWV-408 MISALIGNED
SXVS410K	0.0	SWV-410 TRANSFERS CLOSED
SXVS410X	0.0	SWV-410 MISALIGNED
SXVS424K	0.0	SWV-424 TRANSFERS CLOSED
SXVS424X	0.0	SWV-424 MISALIGNED
SXVSWV2K	0.0	SWV-2 TRANSFERS CLOSED
SXVSWV2X	0.0	SWV-2 MISALIGNED
SXVSWV5K	0.0	SWV-5 TRANSFERS CLOSED
SXVSWV5X	0.0	SWV-5 MISALIGNED
SXVS140K	0.0	SWV-140 TRANSFERS CLOSED
SXVS140X	0.0	SWV-140 MISALIGNED
SXVS164K	0.0	SWV-164 TRANSFERS CLOSED
SXVS164X	0.0	SWV-164 MISALIGNED
SXVS409K	0.0	SWV-409 TRANSFERS CLOSED
SXVS409X	0.0	SWV-409 MISALIGNED
SXVS411K	0.0	SWV-411 TRANSFERS CLOSED
SXVS411X	0.0	SWV-411 MISALIGNED

SXVS425K	0.0	SWV-425 TRANSFERS CLOSED
SXVS425X	0.0	SWV-425 MISALIGNED
SXVSWV3K	0.0	SWV-3 TRANSFERS CLOSED
SXVSWV3X	0.0	SWV-3 MISALIGNED
SXVSWV6K	0.0	SWV-6 TRANSFERS CLOSED
SXVSWV6X	0.0	SWV-6 MISALIGNED
SXVD161K	0.0	DOV-161 TRANSFERS CLOSED
SXVD177K	0.0	DOV-177 TRANSFERS CLOSED
SXVD178K	0.0	DOV-178 TRANSFERS CLOSED
SXVRW24K	0.0	RWV-24 TRANSFERS CLOSED
SXVS142K	0.0	SWV-142 TRANSFERS CLOSED
SXVS166K	0.0	SWV-166 TRANSFERS CLOSED
SXVRW54K	0.0	RWV-54 TRANSFERS CLOSED
SXVD163K	0.0	DOV-163 TRANSFERS CLOSED
SXVD181K	0.0	DOV-181 TRANSFERS CLOSED
SXVD182K	0.0	DOV-182 TRANSFERS CLOSED
SXVRW21K	0.0	RWV-21 TRANSFERS CLOSED
SXVS144K	0.0	SWV-144 TRANSFERS CLOSED
SXVS168K	0.0	SWV-168 TRANSFERS CLOSED
SPSP206H	0.0	PS-206 FAILS HIGH
SCVSV10K	0.0	SWV-10 TRANSFERS CLOSED
SXVS141K	0.0	SWV-141 TRANSFERS CLOSED
SXVS165K	0.0	SWV-165 TRANSFERS CLOSED
SXVSWV4K	0.0	SWV-4 TRANSFERS CLOSED
SXVSWV7K	0.0	SWV-7 TRANSFERS CLOSED
SPSP151H	0.0	PS-151 FAILS HIGH
SPSP151S	0.0	PS-151 SPURIOUS ACTUATION
SPSP206S	0.0	PS-206 SPURIOUS ACTUATION

COMPONENT IMPORTANCES FOR S800

RWP-3A	100.0	DHCCC Raw Water Pump A
DCP-1A	47.1	Decay Heat Closed Cycle Cooling Pump A
DCHE-1A	14.8	DHCCC-A Heat Exchanger
RWV-37	4.7	RWP-3A Discharge Check Valve
AHHE-30A	1.1	DCP-1A Air Handling Unit
DOV-160	0.6	RWP-3A Flush Water Inlet Manual Valve
DOV-175	0.6	RWP-3A Flush Water Inlet Manual Valve
DOV-176	0.6	RWP-3A Flush Water Inlet Manual Valve
RWP3-CC	0.3	RWP-3A, 3B - Common Cause
DCP-CC	0.3	DCP-1A, 1B - Common Cause
DOV-107	0.3	RWP-3A Flush Water Inlet Manual Valve
DCV-1	0.3	
DCV-3	0.3	
DCV-13	0.3	
DCV-15	0.3	
DCV-19	0.3	
DCV-43	0.3	
DCV-45	0.3	
RWV-18	0.3	
DCT-1A	0.0	
DOV-376	0.0	
RWSP-1A	0.0	
DCP-2A	0.0	
DCP-2B	0.0	
RWV-133	0.0	
RWV-128	0.0	
DOV-374	0.0	
RWV-135	0.0	

EVENT IMPORTANCES FOR S800 -----

SPMRW3AA	100.0	RWP-3A IN MAINTENANCE
SPMDHCAM	29.1	DHCCC TRAIN A IN MAINTENANCE
SPMRW3AA	27.1	RWP-3A FAILS TO START
SPMDP1AA	27.1	DCP-1A FAILS TO START
SHXDC1AF	19.9	DCHE-1A SEAWATER SIDE PLUGGED
SPMRW3AF	7.1	RWP-3A FAILS TO OPERATE
SPMDP1AF	7.1	DCP-1A FAILS TO OPERATE
SCVRW37N	6.3	RWV-37 FAILS TO OPEN
SXV3AFLX	6.1	RWP-3A FLUSH WATER VALVES LEFT UNAVAIL.
SCLH30AF	1.5	AIR HANDLING UNIT AHHE-30A FAILS
SXVD160K	0.8	DOV-160 TRANSFERS CLOSED
SXVD175K	0.8	DOV-175 TRANSFERS CLOSED
SXVD176K	0.8	DOV-176 TRANSFERS CLOSED
SPMDHCAX	0.6	DCP-1A NOT RESTORED TO SERVICE
SXVDCV1X	0.6	DCV-1 MISALIGNED
SXVDCV3X	0.6	DCV-3 MISALIGNED
SXVDV13X	0.6	DCV-13 MISALIGNED
SXVDV15X	0.6	DCV-15 MISALIGNED
SXVDV19X	0.6	DCV-19 MISALIGNED
SPMRW3AX	0.6	LATENT HUMAN ERROR FAILS RWP-3A
SXVD107K	0.4	DOV-107 TRANSFERS CLOSED
SXVDCV1K	0.4	DCV-1 TRANSFERS CLOSED
SXVDCV3K	0.4	DCV-3 TRANSFERS CLOSED
SXVDV13K	0.4	DCV-13 TRANSFERS CLOSED
SXVDV15K	0.4	DCV-15 TRANSFERS CLOSED
SXVDV19K	0.4	DCV-19 TRANSFERS CLOSED
SXVDC43K	0.4	DCV-43 TRANSFERS CLOSED
SXVDC45K	0.4	DCV-45 TRANSFERS CLOSED
SXVRW18K	0.4	RWV-18 TRANSFERS CLOSED
SPMR3CFS	0.3	RWP-3A, 3B CCF TO START
SPMDCCFS	0.3	DCP-1A, 1B CCF TO START
SPMR3CFR	0.1	RWP-3A, 3B CCF TO RUN
SPMDCCFR	0.1	DCP-1A, 1B CCF TO RUN
STKDCTAJ	0.0	DCT-1A SURGE TANK RUPTURES
SCVD376N	0.0	DOV-376 FAILS TO OPEN
SFLRSPAP	0.0	SEPARATOR RWSP-1A PLUGS
SPMDP2AM	0.0	DOP-2A IN MAINTENANCE
SPMDP2BM	0.0	DOP-2B IN MAINTENANCE
SCVR133N	0.0	RWV-133 FAILS TO OPEN
SCVR128N	0.0	RWV-128 FAILS TO OPEN
SXVD374K	0.0	DOV-374 TRANSFERS CLOSED
SXVR135K	0.0	RWV-135 TRANSFERS CLOSED

COMPONENT IMPORTANCES FOR S801

RWP-3B	100.0	DHCCC Raw Water Pump B
DCP-1B	47.1	Decay Heat Closed Cycle Cooling Pump B
DCHE-1B	14.8	DHCCC-B Heat Exchanger
RWV-34	4.7	RWP-3B Discharge Check Valve
AHHE-30B	1.1	DCP-1B Air Handling Unit
DOV-164	0.6	RWP-3B Flush Water Inlet Manual Valve
DOV-183	0.6	RWP-3B Flush Water Inlet Manual Valve
DOV-184	0.6	RWP-3B Flush Water Inlet Manual Valve
DCP-CC	0.3	DCP-1A,1B - Common Cause
RWP3-CC	0.3	RWP-3A,3B - Common Cause
DOV-115	0.3	RWP-3B Flush Water Inlet Manual Valve
DCV-2	0.3	
DCV-4	0.3	
DCV-14	0.3	
DCV-16	0.3	
DCV-20	0.3	
DCV-44	0.3	
DCV-46	0.3	
RWV-17	0.3	
DCT-1B	0.0	
DCP-2A	0.0	
DCP-2B	0.0	
RWSP-1B	0.0	
RWV-134	0.0	
RWV-136	0.0	

EVENT IMPORTANCES FOR S801 -----

SPMRW3BM	100.0	RWP-3B IN MAINTENANCE
SPMDHCBM	29.1	DHCCC TRAIN B IN MAINTENANCE
SPMRW3BA	27.1	RWP-3B FAILS TO START
SPMDP1BA	27.1	DCP-1B FAILS TO START
SHXDC1BF	19.9	DCHE-1B SEAWATER SIDE PLUGGED
SPMRW3BF	7.1	RWP-3B FAILS TO OPERATE
SPMDP1BF	7.1	DCP-1B FAILS TO OPERATE
SCVRW34N	6.3	RWV-34 FAILS TO OPEN
SXV3BFLX	6.1	RWP-3B FLUSH WATER VALVES LEFT UNAVAIL.
SCLH30BF	1.5	AIR HANDLING UNIT AHHE-30B FAILS
SXVD164K	0.8	DOV-164 TRANSFERS CLOSED
SXVD183K	0.8	DOV-183 TRANSFERS CLOSED
SXVD184K	0.8	DOV-184 TRANSFERS CLOSED
SPMDHCBX	0.6	DCP-1B NOT RESTORED TO SERVICE
SXVDCV2X	0.6	DCV-2 MISALIGNED
SXVDCV4X	0.6	DCV-4 MISALIGNED
SXVDV14X	0.6	DCV-14 MISALIGNED
SXVDV16X	0.6	DCV-16 MISALIGNED
SXVDV20X	0.6	DCV-20 MISALIGNED
SPMRW3BX	0.6	LATENT HUMAN ERROR FAILS RWP-3B
SXVD115K	0.4	DOV-115 TRANSFERS CLOSED
SXVDCV2K	0.4	DCV-2 TRANSFERS CLOSED
SXVDCV4K	0.4	DCV-4 TRANSFERS CLOSED
SXVDV14K	0.4	DCV-14 TRANSFERS CLOSED
SXVDV16K	0.4	DCV-16 TRANSFERS CLOSED
SXVDV20K	0.4	DCV-20 TRANSFERS CLOSED
SXVDC44K	0.4	DCV-44 TRANSFERS CLOSED
SXVDC46K	0.4	DCV-46 TRANSFERS CLOSED
SXVRW17K	0.4	RWV-17 TRANSFERS CLOSED
SPMDCCFS	0.3	DCP-1A,1B CCF TO START
SPMR3CFS	0.3	RWP-3A,3B CCF TO START
SPMDCCFR	0.1	DCP-1A,1B CCF TO RUN
SPMR3CFR	0.1	RWP-3A,3B CCF TO RUN
STKDCTBJ	0.0	DCT-1B SURGE TANK RUPTURES
SPMLP2AM	0.0	DOP-2A IN MAINTENANCE
SPMDP2BM	0.0	DOP-2B IN MAINTENANCE
SFLRSPBP	0.0	SEPARATOR RWSP-1B PLUGS
SCVR134N	0.0	RWV-134 FAILS TO OPEN
SXVR136K	0.0	RWV-136 TRANSFERS CLOSED

COMPONENT IMPORTANCES FOR V001

SWV-353	100.0	Inlet AOV to RB Ventilation from NSCCC
SWV-354	100.0	Outlet AOV from RB Ventilation to NSCCC
AHF-1C	22.4	RB Fan Assembly 1C
AHF-1A	22.4	RB Fan Assembly 1A
AHF-1B	22.4	RB Fan Assembly 1B
SWV-37	10.5	AHHE-31B,32B Suction Manual Valve
SWV-43	10.5	AHHE-31B,32B Discharge Manual Valve
SWV-39	10.5	AHHE-31C,32C Suction Manual Valve
SWV-45	10.5	AHHE-31C,32C Discharge Manual Valve
SWV-35	10.5	AHHE-31A,32A Suction Manual Valve
SWV-41	10.5	AHHE-31A,32A Discharge Manual Valve
AHHE-32B	2.7	RB Vent Fan Motor Heat Exchanger 32B
AHHE-32A	2.7	RB Vent Fan Motor Heat Exchanger 32A
AHHE-32C	2.7	RB Vent Fan Motor Heat Exchanger 32C
AHHE-31A	2.7	RB Fan Assembly 1A Heat Exchanger
AHHE-31B	2.7	RB Fan Assembly 1B Heat Exchanger
AHHE-31C	2.7	RB Fan Assembly 1C Heat Exchanger
SWV-151	1.2	RB Ventilation Discharge AOV to Ind Clg
SWV-355	1.2	RB Ventilation Discharge AOV to Ind Clg
SWV-159	0.2	
SWV-160	0.2	
SWV-161	0.2	
SWV-162	0.2	
SWV-157	0.2	
SWV-158	0.2	
SWV-30	0.2	
SWV-33	0.2	
SWV-38	0.2	
SWV-44	0.2	
SWV-31	0.2	
SWV-34	0.2	
SWV-105	0.2	
SWV-308	0.2	
SWV-29	0.2	
SWV-32	0.2	
SWV-36	0.2	
SWV-42	0.2	
SWV-356	0.0	
SWV-152	0.0	

EVENT IMPORTANCES FOR V001

VAV0353N	100.0	VALVE SWV-353 FAILS TO OPEN
VAV0354N	100.0	VALVE SWV-354 FAILS TO OPEN
VFN031CF	18.4	FAN AHF-1C FAILS TO OPERATE
VFN031AF	18.4	FAN AHF-1A FAILS TO OPERATE
VFN031BF	18.4	FAN AHF-1B FAILS TO OPERATE
VAV0037K	10.5	VALVE SWV-37 TRANSFERS CLOSED
VAV0043K	10.5	VALVE SWV-43 TRANSFERS CLOSED
VAV0039K	10.5	VALVE SWV-39 TRANSFERS CLOSED
VAV0045K	10.5	VALVE SWV-45 TRANSFERS CLOSED
VAV0035K	10.5	VALVE SWV-35 TRANSFERS CLOSED
VAV0041K	10.5	VALVE SWV-41 TRANSFERS CLOSED
VFN031CA	4.2	FAN AHF-1C FAILS TO START
VFN031AA	4.2	FAN AHF-1A FAILS TO START
VFN031BA	4.2	FAN AHF-1B FAILS TO START
VHX032BF	2.7	HEAT EXCHANGER AHHE-32B FAILS
VHX032AF	2.7	HEAT EXCHANGER AHHE-32A FAILS
VHX032CF	2.7	HEAT EXCHANGER AHHE-32C FAILS
VHX031AF	2.7	HEAT EXCHANGER AHHE-31A FAILS
VHX031BF	2.7	HEAT EXCHANGER AHHE-31B FAILS
VHX031CF	2.7	HEAT EXCHANGER AHHE-31C FAILS
VAV0151C	1.2	VALVE SWV-151 FAILS TO CLOSE
VAV0355C	1.2	VALVE SWV-355 FAILS TO CLOSE
VAV0353K	0.7	VALVE SWV-353 TRANSFERS CLOSED
VAV0354K	0.7	VALVE SWV-354 TRANSFERS CLOSED
VXV0159X	0.3	VALVE SWV-159 MISALIGNED CLOSED
VXV0160X	0.3	VALVE SWV-160 MISALIGNED CLOSED
VXV0161X	0.3	VALVE SWV-161 MISALIGNED CLOSED
VXV0162X	0.3	VALVE SWV-162 MISALIGNED CLOSED
VXV0157X	0.3	VALVE SWV-157 MISALIGNED CLOSED
VXV0158X	0.3	VALVE SWV-158 MISALIGNED CLOSED
VAV0037X	0.2	VALVE SWV-37 MISALIGNED
VAV0043X	0.2	VALVE SWV-43 MISALIGNED
VXV0030X	0.2	VALVE SWV-30 MISALIGNED CLOSED
VXV0033X	0.2	VALVE SWV-33 MISALIGNED CLOSED
VXV0038X	0.2	VALVE SWV-38 MISALIGNED CLOSED
VXV0044X	0.2	VALVE SWV-44 MISALIGNED CLOSED
VAV0039X	0.2	VALVE SWV-39 MISALIGNED
VAV0045X	0.2	VALVE SWV-45 MISALIGNED
VXV0031X	0.2	VALVE SWV-31 MISALIGNED CLOSED
VXV0034X	0.2	VALVE SWV-34 MISALIGNED CLOSED
VXV0105X	0.2	VALVE SWV-105 MISALIGNED CLOSED
VXV0308X	0.2	VALVE SWV-308 MISALIGNED CLOSED
VAV0035X	0.2	VALVE SWV-35 MISALIGNED
VAV0041X	0.2	VALVE SWV-41 MISALIGNED
VXV0029X	0.2	VALVE SWV-29 MISALIGNED CLOSED
VXV0032X	0.2	VALVE SWV-32 MISALIGNED CLOSED
VXV0036X	0.2	VALVE SWV-36 MISALIGNED CLOSED
VXV0042X	0.2	VALVE SWV-42 MISALIGNED CLOSED
VXV0159K	0.2	VALVE SWV-159 TRANSFERS CLOSED
VXV0160K	0.2	VALVE SWV-160 TRANSFERS CLOSED
VXV0161K	0.2	VALVE SWV-161 TRANSFERS CLOSED
VXV0162K	0.2	VALVE SWV-162 TRANSFERS CLOSED
VXV0157K	0.2	VALVE SWV-157 TRANSFERS CLOSED
VXV0158K	0.2	VALVE SWV-158 TRANSFERS CLOSED

VXV0030K	0.2	VALVE SWV-30 TRANSFERS CLOSED
VXV0033K	0.2	VALVE SWV-33 TRANSFERS CLOSED
VXV0038K	0.2	VALVE SWV-38 TRANSFERS CLOSED
VXV0044K	0.2	VALVE SWV-44 TRANSFERS CLOSED
VXV0031K	0.2	VALVE SWV-31 TRANSFERS CLOSED
VXV0034K	0.2	VALVE SWV-34 TRANSFERS CLOSED
VXV0105K	0.2	VALVE SWV-105 TRANSFERS CLOSED
VXV0308K	0.2	VALVE SWV-308 TRANSFERS CLOSED
VXV0029K	0.2	VALVE SWV-29 TRANSFERS CLOSED
VXV0032K	0.2	VALVE SWV-32 TRANSFERS CLOSED
VXV0036K	0.2	VALVE SWV-36 TRANSFERS CLOSED
VXV0042K	0.2	VALVE SWV-42 TRANSFERS CLOSED
VCV0356C	0.0	CHECK VALVE SWV-356 FAILS TO CLOSE
VAV0152C	0.0	VALVE SWV-152 FAILS TO CLOSE
VAV0151X	0.0	VALVE SWV-151 MISALIGNED
VAV0355X	0.0	VALVE SWV-355 MISALIGNED
VAV0152X	0.0	VALVE SWV-152 MISALIGNED