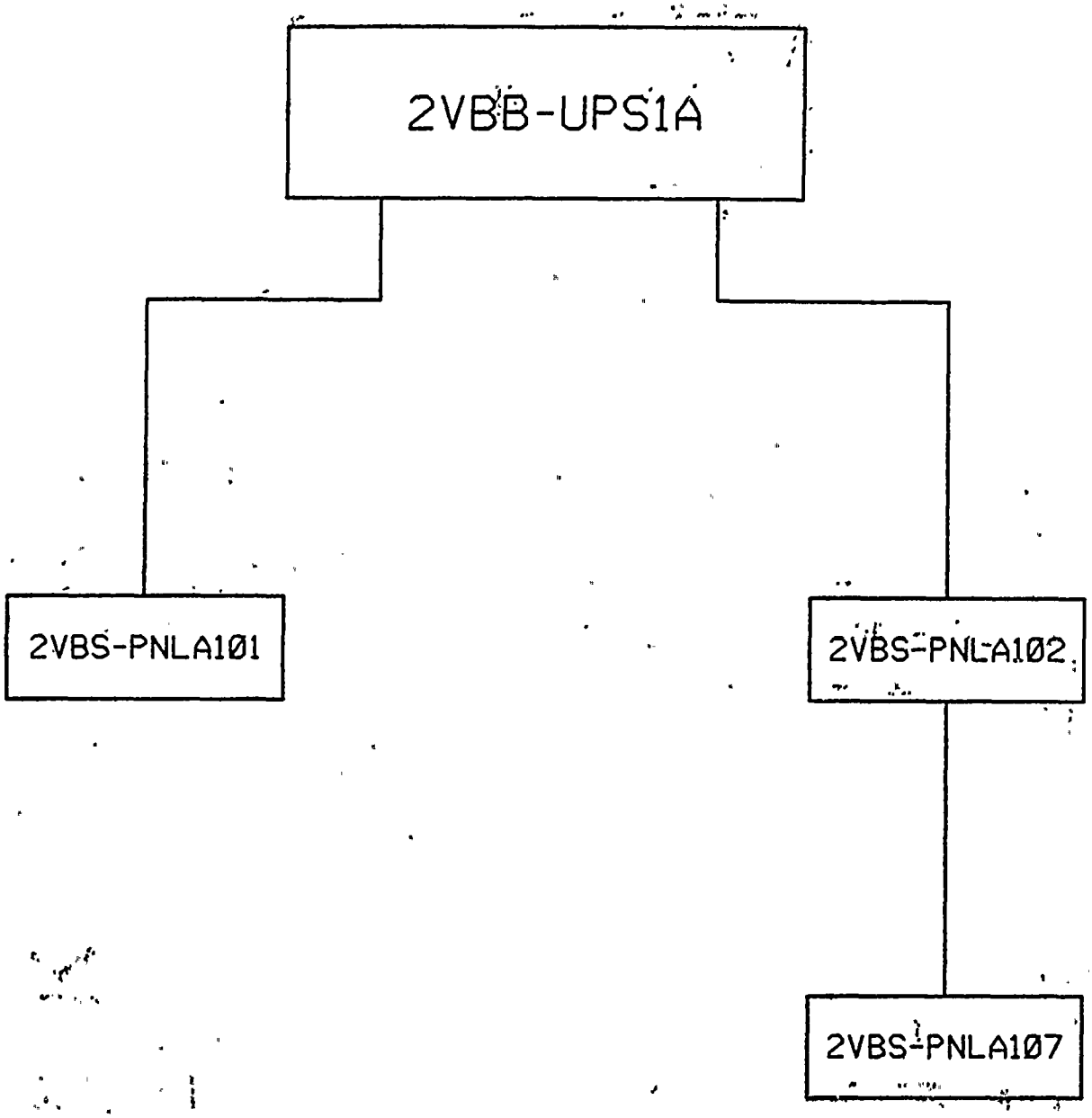
9999999999

2VBB-UPS1A LOAD LIST



NOTE: THIS DRAWING WAS CREATED USING COMPUTER AIDED DRAFTING DO NOT MAKE MANUAL CHANGES

NUCLEAR NON-SAFETY RELATED

NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y.

LOAD LIST
UNINTERRUPTIBLE POWER SUPPLY
2VBB-UPS1A
SHEET 1 OF 117

SCALE NONE | DRAWING NO AE-100D

REV	DATE	BY	MF	DESCRIPTION	CK	APP
1	9-11-91	JPH JBP		ORIGINAL ISSUE- AS BUILT		

INDEX

PANEL	BKR. NO.	SHEET NO.
2VBS-PNLA101	1	4
	2	5
	3	6
	4	7
	5	8
	6	9
	7	10
	8	11
	9	12
	10	13
	11	14
	12	15
	13	16
	14	17-20
	15	21-24
	16	25-28
	17	29,30
	18	31,32,33
	19	34,35
	20	36,37
	21	38
	22	39
	23	40
	24	41
	25	42
	26	43
	27	44
	28	45
	29	46
	30	47
	31	48
	32	49
	33	50
	34	51
	35	52
	36	53
	37	54
2VBS-PNLA101	38	55

PANEL	BKR. NO.	SHEET NO.
2VBS-PNLA102	1	56,57,58
	2	59,60
	3	61
	4	62-66
	5	67-70
	6	71-74
	7	75-79
	8	80
	9	81
	10	82
	11	83
	12	84
	13	85
	14	86
	15	87
	16	88
	17	89
	18	90
	19	91
	20	92
	21	93
	22	94
	23	95
2VBS-PNLA102	24	96
2VBS-PNLA107	1	97
	2	98
	3	99
	4	100
	5	101
	6	102
	7	103
2VBS-PNLA107	8	104

(CONTINUED ON SHEET 3)

INDEX (CONT'D)

PANEL	BKR. NO.	SHEET NO.
VBS-PNLA107	9	105
	10	106
	11	107
	12	108
	13	109
	14	110
	15	111
	16	112
	17	113
	18	114
	19	115
	20	116
	21	117
	22	117
	23	117
	24	117
	25	117
	26	117
	27	117
	28	117
	29	117
	30	117
	31	117
	32	117
	33	117
	34	117
	35	117
	36	117
	37	117
	38	117
	39	117
	40	117
	41	117
2VBS-PNLA107	42	117

PANEL	BKR. NO.	SHEET NO.

2VBB-UPS1A LOAD LIST
DWG. NO. AE-100D
SHEET 3 OF 117

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 1
CIRCUIT NO: 2ADSN01

DRAWING REFERENCES

0007.212-001-021
0007.212-001-031
0007.212-001-054
0007.212-001-063
0007.520-001-410
0007.520-001-407
EE-11J
EE-3DS
147D7828, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL703 BAY A JB104	CCR	306	
B22C-W043 2CEC-PNL614	CCR	306	
B22-R614 MULTIPOINT TEMP RECORDER	CCR	306	LOSS OF TEMP IND FOR SAFETY/RELIEF VALVES 2MSS*PSV120 THRU 137 (FOR INPUTS 1 THRU 18) LOSS OF MAIN STEAM LINE DRAIN TEMP IND (FOR INPUTS 19 & 20), LOSS OF COMMON ANNUNCIATOR AND COMPUTER ALARM POINT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 2
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 3
CIRCUIT NO: 2IHAA06

DRAWING REFERENCES

0007.521-001-731 EE-11J
EE-3DN ESK-10IHA42
ESK-10IHA43, 147D7844, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL739 BAY A JB103	CRR	288	
2IHA-W854			
2CEC-PNL630 A8CB2-1A A8CB2-2A	CRR	288	LOSS OF CONTROL ROOM ANNUNCIATORS AT 2CEC*PNL601, 602, 603 AND LOSS OF ASSOCIATED COMPUTER ALARM POINTS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 4
CIRCUIT NO: 2CECW14

DRAWING REFERENCES

7.520-001-355,	7.520-001-357
147D7848, SH.2	7.520-001-347
ESK-11CEC01	EE-11J, EE-3DK

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL743 BAY B JB202	CCR	306	
2CEC-W089			
2CEC*PNL603	CCR	306	
2CEC-PWRS100	CCR	306	
2CEC-DC100	CCR	306	LOSS OF POWER TO 24 HR DIGITAL CLOCK AND LOSS OF INTERFACE WITH PMS COMPUTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 5
CIRCUIT NO: 2SPGN04

DRAWING REFERENCES

147D7848, SH. 2 EE-3DK
7.520-001-351 EE-11J
7.520-001-339 ESK-11CEC02
7.520-001-350

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL743 BAY B JB203	CCR	306	
2CEC-WO91			
2CEC-PNL603	CCR	306	
2SPG-PWRS100	CCR	306	
2SPG-JI100	CCR	306	LOSS OF POWER TO MAIN GENERATOR GROSS WATTS DIGITAL DISPLAY AND LOSS OF INTERFACE WITH PMS COMPUTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 6
CIRCUIT NO: 2RDSN09

DRAWING REFERENCES

7.520-001-375, 7.221-001-012, EE-3AC
7.221-001-038, 7.221-001-035 EE-11J
147D7834, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY F JB404	CCR	306	
C12A-W054			
2CEC-PNL610	CCR	306	
C12A-PS2	CCR	306	LOSS OF POWER TO SCRAM TIME TEST PANEL

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 7
CIRCUIT NO: 2RDSN08

DRAWING REFERENCES

7.520-001-924	EE-3AC
7.221-001-012	EE-11J
7.221-001-013	147D7834, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY F JB402	CCR	306	
C12A-W050			
2CEC-PNL615	CCR	306	LOSS OF POWER TO ROD WORTH MINIMIZER SYSTEM (NUMAC) AND LOSS OF POWER TO ROD POSITION INFORMATION CABINET CAUSES: 1. LOSS OF CONTROL ROD POSITION INDICATION 2. ROD WITHDRAWAL TO BE INHIBITED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 8
CIRCUIT NO: 2IHAA02

DRAWING REFERENCES
EE-3BA
EE-11J
147D7845, SH. 2
ESK-10IHA40, SH. 1&2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL740 BAY A JB101	CRR	288	
2IHA-W661			
2CEC-PNL858 ANNUNCIATOR POWER SUPPLIES	CRR	288	LOSS OF CONTROL ROOM ANNUNCIATORS AT 2CEC*PNL842, 851, 852, 870, 871, 873, 875 AND LOSS OF ASSOCIATED COMPUTER ALARM POINTS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 9
CIRCUIT NO: 2RDSN10

DRAWING REFERENCES

EE-3AC 7.520-001-933, 7.221-001-012

EE-11J 147D7834, SH.2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY F JB403	CCR	306	
C12A-W053			
2CEC-PNL659	CCR	306	
C12A-PS1	CCR	306	LOSS OF POWER TO ROD PATTERN CONTROLLER (RSCS) WILL INHIBIT ROD WITHDRAWAL

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 10
CIRCUIT NO: N/A

DRAWING REFERENCES
EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 11
CIRCUIT NO: 2RDSN04

DRAWING REFERENCES
EE-3DE EE-11J
0007.520-001-350
0007.520-001-338
0007.520-001-337
0007.221-001-010
0007.221-001-011
147D7826, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL701 BAY A JB105	CCR	306	
C12B-W016			
2CEC*PNL603	CCR	306	
C12-N600	CCR	306	CONTROL ROOM ANNUNCIATOR AND PMS ALARMED AND LOSS OF CONTROL ROOM POSITION INDICATION LIGHTS FOR 2RDS-FV6A/B (C12-F002A/B)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 12
CIRCUIT NO: 2RDSM07

DRAWING REFERENCES
EE-4X, EE-11J
0007.510-001-271
0007.221-001-012
0007.221-001-038

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CES-RAK007	SC	261	
C12-R018 CRD TEMP RECORDER	SC	261	LOSS OF CONTROL ROD DRIVE TEMPERATURE IND (185 INPUTS) AND LOSS OF COMMON ANNUNCIATOR AND COMPUTER ALARM POINT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 13
CIRCUIT NO: 2NMPN01

DRAWING REFERENCES

EE-11J	0007.224-001-070
EE-3DE	0007.224-001-055
147D7826, SH. 2	0007.224-001-021
7.520-001-350	0007.224-001-070
7.520-001-352	0007.212-001-012
7.224-001-020,035	
7.212-001-010,011,013	
1.764-001-021,026	

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL701 BAY A JB103	CCR	306	
C51B-W234			
2CEC*PNL603 C51-R602 C51-R603B C51-R603D C51-R603A C51-R603C B22-R613	CCR	306	LOSS OF POWER TO: SRM RECORDER IRM/APRM RECORDER IRM/APRM/RBM RECORDER IRM/APRM RECORDER IRM/APRM/RBM RECORDER JET PUMP INST RECORDER
2CEC*PNL603			LOSS OF POWER TO: APRM CHANNELS A THRU F STATUS LIGHTS, RBM CHANNELS A & B STATUS LIGHTS, FLOW UNIT A THRU D STATUS LIGHTS
2CEC*PNL602 B35-R614 G33-R613A G33-R613B	CCR	306	RECIRC FLOW RECORDER RWCU FILTER DEMIN INFLUENT RECORDER RX RECIRC INFLUENT A RECORDER
2CEC-PNL614 B22-R622	CCR	306	FEEDWATER TURBIDITY RECORDER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 14
CIRCUIT NO: 2CECA25

DRAWING REFERENCES
EE-11J
147D7836, SH. 2
EE-3AG
EE-3A
0007.159-451-316
0007.159-451-314

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL731 BAY E JB303	CRR	288	
2CEC-W001			
2CEC-PNL825	CRR	288	LOSS OF POWER TO 2CEC-PWRS825 FOR FOXBORO PANEL 2CEC-PNL825. FOR PLANT IMPACT, SEE ATTACHED
			NOTE: +/- 15 VDC STILL SUPPLIED FROM 2CEC-PNL888. SEE 2VBS-PNLA101 BKR #18 AND 2VBS-PNLB101 BKR #18.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 14

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL825

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SWP-501 LSK-9-10T	X	X		X		X			DISCH BAY LEVEL
2SWP-502 LSK-9-10T	X	X		X		X			SERVICE WATER INTAKE LEVEL
2FWS-10B GE 807E160TY						X			MAIN FEEDWATER CONTROL LV10B POSITION INDICATION
2FWP-215 LSK-15-1.1B						X			FIRE HEADER DISCHARGE PRESS
2CNM-115 LSK-4-1.3K	X	X		X		X			CND BSTR PMPS SUCT HDR PR
2CNM-114 LSK-4-1.4	X	X		X		X		FO	CND PMP DISCH HDR FLOW/LOSS OF CONTROL OF FV114
2FWS-111 LSK-6-1.1F						X		FC	HIGH ENERGY FWCCU CONTROL/LOSS OF CONTROL OF HVX111, HVY111,HVZ111
2FWS-113 LSK-6-1.1F						X		FC	LOW ENERGY FWCCU CONTROL/LOSS OF CONTROL OF HVX113,HVY113
2FWS-40A LSK-6-1.1E	X					X			LOSS OF INDICATION OF REACTOR INLET PRESSURE
2FWS-109 LSK-6-1.1F	X					X			FWCCU FLOW INDICATION
2CNM-105 LSK-4-1.1J	X	X		X		X			CND PMPS DISCH HDR PRESS
2CNM-70A LSK-4-1.3K	X					X			FD WTR PMP P1A SUCT PRESS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 14

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL825

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2DER-101 LSK-32-9D	X	X		X		X			DRYWELL EQUIPMENT DRAIN LEAKAGE
2FWS-55A,B GE 807E160TY						X			HIGH PRESSURE LOW FLOW CONTROL VALVE FVSSAB POSITION INDICATION.
2CCP-266 LSK-9-1D	X	X		X		X			RB CLOSE LOOP COOLING WATER FLOW TO DRYWELL UNIT COOLERS
2CNM-38A LSK-4-1.3K	X	X		X		X		FO	CONDENSATE BOOSTER PUMP P2A SUCTION FLOW; LOSS OF CONTROL OF FV38A
2CNM-68A LSK-6-3	X	X		X		X		FO	REACTOR FD PUMP 2FWS-P1A SUCTION FLOW/LOSS OF CONTROL OF 2FWR-FV2A
2CCP-135 LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FLOW FROM DW UNIT COOLERS
2CNM-45A LSK-4-1.1J	X		X			X	X		CONDENSER CND1A VACUUM
2CNM-104 LSK-4-1.3K	X					X			CONDENSER BOOSTER PUMPS DISCH HDR PR
2CNM-138 LSK-4-1.3K	X					X			START-UP LVL CONTROL VALVE FLOW
2DER-123 LSK-32-9D	X	X		X		X			DW EQUIPMENT DRAIN PUMPS P3A&B FLOW

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 14

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL825

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2FWS-9A LSK-6-1.1D	X					X			2FWS-P1A PUMP DISCH PRESS
2HDL-4A LSK-4-2.1B	X					X		FC	4TH POINT HEATER 2CNM-E4A WATER LEVEL/LOSS OF CONTROL OF LV4A
2HDL-35A LSK-4-2.1C	X					X		FO	4TH POINT HEATER 2CNM-E4A DRAIN PUMP P1A FLOW/LOSS OF CONTROL OF FV35A
2HDL-41A LSK-4-2.1B	X					X			4TH POINT HEATER DRAIN PUMP P1A DISCHARGE PRESSURE
2MSS-238 PID-1G	X					X			MAIN STEAM PRESSURE INDICATION

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 15
CIRCUIT NO: 2CECA26

DRAWING REFERENCES
EE-11J
EE-3B
EE-3AF
0007.159-451-319
0007.159-451-317
147D7836, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL731 BAY B JB202	CRR	288	
2CEC-W003			
2CEC-PNL826	CRR	288	LOSS OF POWER TO 2CEC-PWRS826 FOR FOXBORO PANEL 2CEC-PNL826. ALTERNATE POWER SUPPLY 2CEC-PWRS903 FOR 2CEC-PNL826 IS FED FROM 2VBB-UPS1B PANEL 2VBS-PNLB101 BKR #16. FOR PLANT IMPACT, SEE ATTACHED
			NOTE: +/- 15 VDC STILL SUPPLIED FROM 2CEC-PNL827. SEE 2VBS-PNLA101 BKR #16

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 15
PNL NO: 2VBS-PNLB101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL826

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CCP-126 LSK-9-L	X	X		X				FC	RB CLOSE LOOP COOLING WATER FLOW FROM REACTOR WATER CLEANUP HT EXCH. 2WCS-E3/LOSS OF CONTROL OF FV126LCW
2CCP-105 LSK-9-1L	X								RB CLOSE LOOP COOLING WATER BOOSTER PUMPS 2CCP-P3A, B &C DISCHARGE HDR FLOW
2CCP-107 LSK-9-1M	X					X			RB CLOSE LOOP COOLING WATER BOOSTER PUMPS DISCHARGE HEADER PRESSURE
2CCP-74B LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC3B - TEMP
2CCP-24D LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC2D-TEMP
2CCP-24B LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC2B-TEMP
2CCP-30D LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC1D-TEMP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 15
PNL NO: 2VBS-PNLB101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL826

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CCP-30B LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FLOW FROM DRYWELL 2DRS-UC1B-TEMP
2CNM-70B LSK-4-1.3K	X					X			REACTOR FEEDWATER PUMP P1B SUCT. PRESS
2SFC-2B LSK-34-2B	X	X		X		X			SPENT FUEL POOL WATER LEVEL
2CCP-51B LSK-9-1D	X								RB CLOSE LOOP COOLING WATER FLOW FROM 2RCS*P1B COOLERS
2HDL-41B LSK-4-2.1B	X					X			4TH POINT HEATER NO. 2CNM-E4B DRAIN PUMP DISCHARGE PRESSURE
2CNM-68B LSK-6-3	X	X		X		X		FO	REACTOR FEED PUMP 2FWS-P1B SUCTION FLOW/LOSS OF CONTROL OF 2FWR-FV2B
2HDL-4B LSK-4-2.1B	X					X	X	FC	4TH PT HTR 2CNM-E4B WATER LEVEL/LOSS OF CONTROL OF LV4B

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 15
PNL NO: 2VBS-PNLB101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL826

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CNM-45B LSK-4-1.1J	X		X			X	X		CONDENSER CND1B VACUUM
2FWS-9B LSK-6-1.1D	X					X			REACTOR FEEDWATER PUMP P1B DISCHARGE PRESSURE
2CNM-38B LSK-4-1.3K	X	X		X		X		FO	CONDENSATE BOOSTER PUMP P2B FLOW/LOSS OF CONTROL OF FV38B
2HDL-35B LSK-4-2.1C	X					X		FO	4TH POINT HEATER 2CNM-E4B DRAIN PUMP P1B FLOW/LOSS OF CONTROL OF FV35B
2FWS-40B LSK-6-1.1E	X					X			REACTOR INLET PRESSURE
2CCP-108 LSK-9-1B	X	X		X		X		FO	CLOSED LOOP COOLING SYSTEM HEAT EXCHANGE DISCHARGE TEMP/LOSS OF CONTROL OF TV108
2CCP-125 LSK-9-1A	X					X			RB CL LP COOLING HEADER PRESSURE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 16
CIRCUIT NO: 2CECA27

DRAWING REFERENCES
EE-11J
EE-3C
EE-3AF
0007.159-451-332
0007.159-451-322
147D7836, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL731 BAY B JB203	CRR	288	
2CEC-W005			
2CEC-PNL827	CRR	288	LOSS OF POWER TO 2CEC-PWRS827 FOR FOXBORO PANEL 2CEC-PNL827 SEE ATTACHED FOR PLANT IMPACT
			NOTE: +/- 15 VDC STILL SUPPLIED FROM 2CEC-PNL826. SEE 2VBS-PNLA101 BKR #15 AND 2VBS-PNLB101 BKR #16

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL827

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CNM-68C LSK-6-3	X	X		X		X		FO	REACTOR FD PUMP 2FWS-P1C SUCTION FLOW/LOSS OF CONTROL OF 2FWR-FV2C
2CCP-24A/C LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC2A/C TEMP
2CCP-30A/C LSK-4-1.3K	X	X		X					RBCLCW FROM DRYWELL 2DRS-UC1A/C TEMP
2CNM-38C, LSK-4-1.3K	X	X		X		X		FO	CNST BSTR PUMP P2C SUCTION FLOW/LOSS OF CONTROL OF FV38C
2CCP-74A LSK-9-1D	X	X		X					RB CLOSE LOOP COOLING WATER FROM DRYWELL 2DRS-UC3A TEMP
2SFC-2A LSK-34-2B	X	X		X		X			SPENT FUEL POOL WATER LEVEL
2CCP-129 LSK-9-1E	X	X		X					RB CLOSE LOOP COOLING WATER PUMP P1A, P1B, P1C DISCHARGE FLOW
2HDL-4C LSK-4-2.1B	X					X	X	FC	4TH POINT HTR 2CNM-E4C WATER LEVEL LOSS OF CONTROL OF LV4C
2HDL-35C LSK-4-2.1C	X					X		FO	4TH POINT HTR 2CNM-E4C DRAIN PUMP P1C FLOW/LOSS OF CONTROL OF FV35C

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL827

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CCP-51A LSK-9-1D	X								RB CLOSE LOOP COOLING WATER FLOW FROM 2RCS*P1A COOLERS
2HDL-41C LSK-4-2.1B	X					X			4TH POINT HEATER NO. 2CNM-E4C DRAIN PUMP DISCHARGE PRESSURE
2CCS-149 LSK-9-7A	X					X			TB CLOSE LOOP COOLING WATER PUMP DISCHARGE HEADER PRESSURE
2CMS*178 LSK-33-2E	X					X			CONTAINMENT DW PRESSURE AROUND 12.5 TO 17 PSIA
2CMS-179 LSK-33-2E	X					X			SUPPRESSION CHAMBER PRESSURE AROUND 12.5 TO 17 PSIA
2SFC-124 LSK-34-2D						X		FC	SFPC WATER CIRC DUMP VALVE/LOSS OF CONTROL OF FV124
2SFC-104 LSK-34-2D	X					X			SFPC TOTAL FLOW
2CCS-136 LSK-9-7C	X	X		X					TB CLOSE LOOP COOLING WATER FLOW BELOW 2 PUMP LIMIT, 1 PUMP LIMIT
2FWS-9C LSK-6.1.1D	X					X			REACTOR FEED WATER PUMP P1C DISCHARGE PRESSURE
2TML-108 LSK-16-2.3	X					X			OIL TANK OIL LEVEL
2CNM-45C LSK-4-1.1J	X		X			X	X		CONDENSER 1C VACUUM

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 16

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL827

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CNM-70C LSK-4-1.3K	X					X			REACTOR FEED WATER PUMP P1C SUCTION PRESSURE
2CCS-104 LSK-9-7B	X	X		X		X		FO	TB COOLING WATER HEAT EXCH. DISCH TEMP HIGH/LOSS OF CONTROL OF TV104

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 17
CIRCUIT NO: 2CECN05,
2CECN03,
2CECN01

DRAWING REFERENCES

LSK-3-1A	EE-11J
LSK-21-1A	147D7854, SH 2
LSK-21-1B	0007.520-001-555
LSK-21-1C	0007.520-001-545
LSK-16-8D	ESK-7CEC01
LSK-2-1.1F	0007.400-001-001
EE-3BS	0007.400-001-002

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL750 JB103	CCR	306	
2CEC*PNL851 PWRS1-2CECN05	CCR	306	POWER SUPPLY FOR BAILEY CHART DRIVES & RECORDERS
2CEC*PNL601 C91-R620	CCR	306	LOSS OF PERFORMANCE MONITORING SYSTEM TREND RECORDER #1 CHART DRIVE
2CEC*PNL603 C91-R621	CCR	306	LOSS OF PERFORMANCE MONITORING SYSTEM TREND RECORDER #2 CHART DRIVE
2CEC*PNL851 C91-R622	CCR	306	LOSS OF PERFORMANCE MONITORING SYSTEM TREND RECORDER #3 CHART DRIVE
2CEC*PNL851 2GMC-CR110/CR111	CCR	306	LOSS OF GENERATOR INLET CONDUCTIVITY INDICATION/ LOSS OF GENERATOR OUTLET CONDUCTIVITY INDICATION
2CEC*PNL851 2SST-CR106/ CR114/AR113	CCR	306	LOSS OF CNDS DMNRLZR SAMPLE INLET CNDT/LOSS OF CNDS DMNRLZR SAMPLE OUTLET CNDT/LOSS OF CNDS DMNRLZR SAMPLE OUTLET CNDT 02 IND
2CEC*PNL851 2SST-CR131/ AR132/AR133	CCR	306	LOSS OF COMMON 6TH PT HEATER OUTLET SAMPLE CNDT/LOSS OF COMMON 6TH PT HEATER OUTLET SAMPLE 02/LOSS OF COMMON 6TH PT HEATER OUTLET SAMPLE PH INDICATION

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 17
CIRCUIT NO: 2CECN05,
2CECN03,
2CECN01

DRAWING REFERENCES

LSK-3-1A	EE-11J
LSK-21-1A	147D7854, SH 2
LSK-21-1B	0007.520-001-555
LSK-21-1C	0007.520-001-545
LSK-16-8D	ESK-7CEC01
LSK-2-1.1F	0007.400-001-001
EE-3BS	0007.400-001-002

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL851 2CWS-CR103	CCR	306	LOSS OF BLOWDOWN COOLING TOWER WATER CONDUCTIVITY INDICATION
2CEC*PNL851 2CWS-AR105	CCR	306	LOSS OF BLOWDOWN COOLING TOWER WATER PH INDICATION
2CEC*PNL851 2MSS-TR24A	CCR	306	LOSS OF REHEATER E1A REHEATING STEAM SUPPLY TEMP INDICATION
2CEC*PNL851 2MSS-TR24B	CCR	306	LOSS OF REHEATER E1B REHEATING STEAM SUPPLY TEMP E1B INDICATION
2CEC-CP622 CMPTR PT CECXM01	CRR	288	CHIME FOR ALARM CONDITION

2UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 18
CIRCUIT NO: 2CECA88

DRAWING REFERENCES
EE-11J
EE-3AG
0007.159-451-408
0007.159-451-407
EE-3N
147D7836 SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL731 BAY E JB301	CRR	288	
2CEC-W031			
2CEC-PNL888	CRR	288	LOSS OF POWER TO 2CEC-PWRS888 FOR FOXBORO PANEL 2CEC-PNL888. ALTERNATE POWER SUPPLY 2CEC-PWRS902 FOR 2CEC-PNL888 IS FED FROM 2VBB-UPS1B PANEL 2VBS-PNLB101 BKR #18. FOR PLANT IMPACT, SEE ATTACHED.
			NOTE: +/- 15 VDC STILL SUPPLIED FROM 2CEC-PNL825. SEE 2VBS-PNLA101 BKR #14.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 18
UPS NO: 2VBB-UPS1B -
PNL NO: 2VBS-PNLB101
BKR NO: 18

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL888

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2ABM-110 LSK-10-1A	X	X		X	X		X		AUX BOILERS STEAM HDR PRESS
2ABM-101 LSK-10-1A	X	X		X	X		X		AUX BOILER DEAR STEM INL PRESS
2CWS-66A,B LSK-2-1.1D		X		X					CLG TWR SCREENS WATER LVL HI
2CWS-109 LSK-2-1.1L	X	X		X				FAI	CLG TWR BASIN WTR TEMP/LOSS OF CONTROL OF MOG52A,B,C
2CWS-135 LSK-2-1.1L	X	X		X				FAI	CLG TWR BASIN WTR TEMP/LOSS OF CONTROL OF MOG52A,B,C
2CWS-136 LSK-2-1.1L	X	X		X				FAI	CLG TWR BASIN WTR TEMP/LOSS OF CONTROL OF MOG52A,B,C
2CWS-138 LSK-2-1.1D	X	X		X		X			CLG TWR FLUME WTR TEMP
2CWS-137 LSK-2-1.1L	X	X		X				FAI	CLG TWR BASIN WTR TEMP/LOSS OF CONTROL OF MOG52A,B,C
2CWS-147 LSK-9-10AC	X					X			CLG TWR BLOWDOWN FLOW/LOSS OF INDICATION ON 2SWP-FR602
2CWS-140 LSK-2-1.1D	X	X		X		X		FC	CLG TWR BASIN WTR LVL/LOSS OF CONTROL OF LV140

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 18
UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB101
BKR NO: 18

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL888

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CWS-47B LSK-2-1.1D	X					X			CLG TWR RETURN FLOW TO CWS
2SST-50A,B,C LSK-4-2.1C	X	X		X	X	X			2HDL-P1A,B,C TURBIDITY SAMPLE
2SST-22A,B,C LSK-21-1A	X	X		X	X				MN COND A,B,C SHL EAST HALF CNDT
2SST-21A,B,C LSK-21-1A	X	X		X	X				MN COND A,B,C SHL WEST HALF CNDT
2SST-58A THRU J LSK-21-1E	X	X		X	X				CNDS DMNRLZR 1A THRU 1J EFFLUENT CNDT
2SST-53A,B,C LSK-21-1D	X	X		X	X				2HDL-P1A,B,C DISCH SAMPLE CNDT
2SSR-156 LSK-21-1C	X	X		X	X		X		CRD COM FLTR DISCH TURBIDITY
2SWP-512 LSK-9-10T	X					X		FO	INTAKE CHANNEL WATER TEMP LOSS OF CONTROL OF TV512
2SWP-511 LSK-9-10U	X					X			INTAKE TEMPERING WATER FLOW
2SWP-509 LSK-9-10U	X					X			JET MOTIVE PUMP FLOW
2SST-142 LSK-21-1C	X	X		X	X				COND DMNRLZR INL SAMPLE TURB
2WTS-323 LSK-13-1G	X					X			DISCH FLOW TO LAKE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 19
CIRCUIT NO: 2RCSA19

DRAWING REFERENCES
EE-11J
EE-3DT
147D7828, SH. 2
0007.221-001-089
0007.213-001-019

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL703 BAY B JB204	CCR	306	
B35A-W110			
2CEC-PNL634 RK1-142 RK1-143 RK1-144	CCR	306	LOSS OF POWER TO REACTOR RECIRC SYSTEM PNL634A, RACK 1 INSTR BUS. SEE ATTACHMENT.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
DIST PNL NO: 2CEC-PNL634
BKR NO: 19

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL634

DWG. REF.
761E79ITY
442X559-002
0007.221-001-089
TL2RCS-103,TL2RCS-104
TL2RCS-105

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
RECP #1 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10						X			RCS LOAD DEMAND ERROR CONTROL INSTRUMENTATION (INOP)
RECP #1 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10		X			X	X			RCS MASTER CONTROL INSTRUMENTATION (FLOW CONTROL) (INOP)
RECP #1 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10		X			X	X			RCS NEUTRON FLUX CONTROL INSTRUMENTATION (FLOW CONTROL) (INOP)
RECP #1 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10								FL	RCS FLOW CONTROL LOOP "A" INSTRUMENTATION (INOP) 2RCS*HYV17A
RECP #1 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10								FL	2RCS*HYV17A POSITION & VELOCITY CONTROL INSTRUMENTATION (INOP)
FUSE PLATE VALIDYNE PUMP								FL	2RCS*HYV17A POSITION & VELOCITY AMP (INOP)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 20
CIRCUIT NO: 2RCSA20

DRAWING REFERENCES
EE-11J
EE-3DU
147D7828, SH. 2
0007.221-001-099
0007.213-001-019

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL703 BAY E JB302	CCR	306	
B35A-W111			
2CEC-PNL634 RK3-194 RK3-195 RK3-196	CCR	306	LOSS OF POWER TO REACTOR RECIRC SYSTEM PNL634C, RACK 3, LOOP A INSTR BUS. SEE ATTACHMENT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
DIST PNL NO: 2CEC-PNL634
BKR NO: 20

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL634

0007.221-001-116
0007.221-001-105

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
15A CKT BKR		X		X	X			FL	2RCS*HYV17A HYDRAULIC POWER UNIT (HPU) (INOP)
15A CKT BKR		X		X	X			FL	2RCS*HYV17A MODICON CONTROLLER FOR HPU AND ASSOCIATED INPUT (INOP)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 21
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 22
CIRCUIT NO: 2SXSN09

DRAWING REFERENCES

ESK-10SXS27	147D7834, SH. 2
0007.520-001-375	EE-11J
0007.521-001-157	ESK-10SXS17
0007.227-001-003	EE-3AB
0007.227-001-014	
0007.227-001-018	

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY E JB305	CCR	306	
C88A-W059			
2CEC-PNL610	CCR	306	
C88A-J1116 (AT) C88A-J1219 (AV)	CCR	306	LOSS OF POWER TO OPTICAL XMTR (GETARS) 2SXS-MUX16 AND -MUX28

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 23
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 24
CIRCUIT NO: 2LMSN01

DRAWING REFERENCES

ESK-7LMS04	EE-11J
ESK-11LMS01	EE-3BE
ESK-11LMS02	147D7846, SH. 2
0007.520-001-658	0007.520-001-650
0007.520-001-649	LSK-33-1A

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL741 BAY A JB104	CCR	306	
2LMS-W020			
2CEC*PNL873 PS1-2LMSN01	CCR	306	
2LMS-PI123 2LMS-PI125	CCR	306	LOSS OF DRYWELL ABSOLUTE PRESSURE DIGITAL DISPLAY AND PMS INDICATION

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 25 -
CIRCUIT NO: 2SXSN12

DRAWING REFERENCES

147D7834, SH. 2	EE-11J
0007.227-001-003	ESK-10SXS19
0007.227-001-016	EE-3AB
0007.227-001-019	0007.520-001-375
ESK-10SXS28	0007.520-001-157

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY E JB306	CCR	306	
C88A-W061			
2CEC-PNL610	CCR	306	
C88A-J1220 (AW) C88A-J1118(AU)	CCR	306	LOSS OF POWER TO OPTICAL XMTR (GETARS) 2SXS-MUX18 AND MUX29

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 26
CIRCUIT NO: 2RPSN11

DRAWING REFERENCES
EE-11J
ESK-11CEC03
EE-3DK
147D7848, SH. 2
0007.520-001-350
0007.520-001-337

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL743 BAY B JB204	CCR	306	
2CEC-W093			
2CEC-PNL603	CCR	306	
2RPS-PWRS100	CCR	306	
2RPS-JXI100	CCR	306	LOSS OF POWER TO REACTOR THERMAL POWER DIGITAL DISPLAY AND LOSS OF INTERFACE WITH PMS COMPUTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 27
CIRCUIT NO: 2RPSN02

DRAWING REFERENCES
EE-11J
ESK-11CEC04
EE-3AX
0007.520-001-354
0007.520-001-357
0007.520-001-342
147D7848, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL743 BAY E JB301	CCR	306	
2CEC-W095			
2CEC*PNL603	CCR	306	
2RPS-PWRS101	CCR	306	
2RPS-PI101	CCR	306	LOSS OF POWER TO REACTOR PRESSURE DIGITAL DISPLAY AND LOSS OF INTERFACE WITH PMS COMPUTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 28
CIRCUIT NO: 2CPSN09

DRAWING REFERENCES
EE-11J
LSK-22-23A
EE-3DJ
147D7848, SH. 2
0007.520-001-658
0007.520-001-647
ESK-11CEC05

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL743 BAY A JB104	CCR	306	
2CEC-W087			
2CEC*PNL873	CCR	306	
2CPS-PWRS126	CCR	306	
2CPS-FI126	CCR	306	LOSS OF POWER TO PRIMARY CONTAINMENT AIR FLOW DIGITAL DISPLAY AND LOSS OF INTERFACE WITH PMS COMPUTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 29
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 30
CIRCUIT NO: 2DRSN01
2GTSN01

DRAWING REFERENCES

ESK-7DRS01	EE-11J
ESK-7GTS04	EE-3AS
ESK-6DRS01	0007.520-001-590
ESK-6DRS02	0007.520-001-584
ESK-6DRS03	147D7857, SH. 2
ESK-6DRS04	LSK-27-15H
ESK-6DRS05	LSK-22-22

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL753 BAY A JB111	CRR	288	
2DRS-W003			
2CEC-PNL856A	CRR	288	
3X1-2DRSN01 3X2-2DRSN01 33X1-2DRSN01 33X2-2DRSN01 3X1-2GTSN01 3X2-2GTSN01	CRR	288	UNIT COOLERS FANS STOP OR FAIL TO START, LOCA OVERRIDE INHIBITED INOP DW UNIT COOLERS: 2DRS-UC1A, 1C, 2A, 2C AND 3A PRIMARY CONTAINMENT PURGE TO SGTS ISOL VALVES 2GTS*AOV101 AND *AOV102 FAIL CLOSED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 31
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 32
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 33
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 34
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 35
CIRCUIT NO: N/A

DRAWING REFERENCES
EE-11J
EE-3FN
0007.330-002-022 THRU-035

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL738 (PULL THRU)	CRR	288	
2EHC-W117 2EHC-W115	CRR	288	
2CEC-PNL848 BAY F (EHC CABINET)	CRR	288	
S1 SWITCH BOX	CRR	288	LOSS OF THE LOAD REFERENCE MOTOR, THE 1ST STAGE PRESSURE POTENTIOMETER MOTOR, FAST ACTING SOLENOID VALVES. POWER SUPPLY REDUNDANCY PROVIDED BY MAGNETIC GENERATOR. NOTE: MAY CAUSE TURBINE TRIP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 36
CIRCUIT NO: 2RDSN06

DRAWING REFERENCES

0007.221-001-012	EE-11J
0007.221-001-016	EE-3AC
0007.221-001-017	0007.522-001-407
0007.221-001-041	147D7834, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL709 BAY F JB401	CCR	306	
C12A-W049			
2CEC-PNL616	CCR	306	LOSS OF POWER TO CONTROL ROD DRIVE RELAY CABINET CAUSES: 1) LOSS OF FULL CORE DISPLAY 2) LOSS OF 4-ROD DISPLAY 3) ROD WITHDRAWAL TO BE INHIBITED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 37
CIRCUIT NO: 2RDSN05

DRAWING REFERENCES

0007.221-001-012 EE-11J
0007.221-001-017 EE-3DE
0007.221-001-013 147D7826, SH. 2
0007.520-001-350
0007.520-001-353

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL701 BAY A JB101	CCR	306	
C12A-W051			
2CEC*PNL603	CCR	306	-LOSS OF POWER TO RWM OPERATOR'S DISPLAY, -LOSS OF POWER TO ROD SELECT (RSCS) MODULE, -LOSS OF PRIMARY POWER FOR FULL CORE DISPLAY FAN CONTROL, (DMH) -LOSS OF POWER TO DISPLAY MEMORY MODULE, -FULL CORE DISPLAY IS INOP, -4-ROD DISPLAY IS INOP, -ROD WITHDRAWAL IS INHIBITED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA101
BKR NO: 38 -
CIRCUIT NO: 2IHAA07

DRAWING REFERENCES
EE-11J
EE-3AN
ESK-10IHA40, SH. 2
147D7851, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC-PNL747 BAY A JB102	CRR	288	
2IHA-W028			
2CEC-PNL833	CRR	288	LOSS OF CONTROL ROOM ANNUNCIATORS AT 2CEC*PNL842, 851, 852, 870, 871, 873, 875 AND LOSS OF ASSOCIATED COMPUTER ALARM POINTS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 1
CIRCUIT NO: 2RDSN03

DRAWING REFERENCES
EE-11J
EE-3CR
14707829, SH. 2
0007.520-001-420
0007.520-001-403
0007.221-001-010

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL704 JB402	CCR	306	
C12A-W017			
2CEC*P613A C12A-F2	CCR	306	
C12-K600 (24 VDC PWR SUPPLY)	CCR	306	SEE ATTACHMENT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 1
DIST PNL NO: 2CEC-PNL613

PLANT IMPACT: LOSS OF POWER TO C12-K600

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
24VDC PWR SUPPLY C12-K600 807E159TY						X	X		(C12-N008 DIFF PRESS XMTR) CRD DRIVE WATER DIFF PRESSURE
24VDC PWR SUPPLY C12-K600 807E159TY						X	X		(C12-N011 DIFF PRESS XMTR) CRD COOLING WTR DIFF PRESSURE
24VDC PWR SUPPLY C12-K600 807E159TY		X		X		X	X		(C12-N005 PRESS XMTR) CRD HYD SYSTEM CHARGING WATER PRESS
24VDC PWR SUPPLY C12-K600 807E159TY		X		X					(C12-N052 PRESS XMTR) CRD SCRAM VALVE PILOT AIR HDR PRESS HIGH & LOW
24VDC PWR SUPPLY C12-K600 807E159TY	X					X	X	FC	(C12-N004 FLOW XMTR) CRD HYD SYSTEM FLOW CONTROL 2RDS-FV6A & 6B

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 1
DIST PNL NO: 2CEC-PNL613

PLANT IMPACT: LOSS OF POWER TO C12-K600

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
24VDC PWR SUPPLY C12-K600 807E159TY						X			(C12-N009 FLOW XMTR) CRD COOLING WTR FLOW
24VDC PWR SUPPLY C12-K600 807E159TY						X	X		(C12-N007 FLOW XMTR) CRD DRIVE WATER FLOW
24VDC PWR SUPPLY C12-K600 791E406TY									(C12-N054A PRESS XMTR) 1ST STAGE TURBINE PRESSURE RSCS LOW POWER ALARM/SETPOINT 1 INOP
24VDC PWR SUPPLY C12-K600 791E406TY									(C12-N054B PRESS XMTR) 1ST STAGE TURBINE PRESSURE RRCS LOW POWER ALARM/SETPOINT 2 INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102

BKR NO: 2
CIRCUIT NO: 2MSSN19

DRAWING REFERENCES
EE-11J
EE-3CQ
147D7829, SH. 2
0007.520-001-425
0007.520-001-424

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL704 JB304-1 JB304-2	CCR	306	
B22B-W009			
2CEC-PNL619	CCR	306	
B22-K615	CCR	306	SEE ATTACHED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 2
DIST PNL NO: 2CEC-PNL619

PLANT IMPACT: LOSS OF POWER TO B22-K615

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
FUSE B22B-F1 B22-K615 24VDC POWER SUPPLY									
(807E159TY)	X					X			LOSS OF JET PUMPS TOTAL FLOW LOOP A AND B
(807E159TY)	X					X			(B22-N034A THRU W FLOW XMTR) JET PUMP JP-1 THRU JP-2
(807E159TY)	X					X			(B22-N033 THRU D FLOW XMTR) CALIBRATED JET PUMP FLOW JP-5, 10, 15 & 20
(807E159TY)	X					X			(B22-N032 DIFF PRESS XMTR) REACTOR CORE PLATE DIFFERENTIAL PRESSURE
B22B-F2 FUSE	X					X			TOTAL JET PUMP FLOW SUMMING LOGIC INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 3
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 4
CIRCUIT NO: 2CECA84

DRAWING REFERENCES

EE-11J
0007.159-451-323
EE-3AJ

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL730 JB102-1 JB102-2	CRR	288	
2CEC-PNL884	CRR	288	LOSS OF POWER TO 2CEC-PWRS884 FOR FOXBORO PANEL 2CEC-PNL884 FOR PLANT IMPACT SEE ATTACHED NOTE: +/- 15VDC STILL SUPPLIED FROM 2CEC-PNL885 SEE 2VBS-PNLA102 BKR NO. 5 AND 2VBS-PNLB102 BKR NO. 4

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 4

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL884

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2ASS-6A LSK-3-9D	X	X		X		X			AUX. STEAM FLOW TO AIR REMOVAL SYSTEM
2MSS-103 LSK-3-1D & 1E	X								2TMS-T1 FIRST STAGE PRESSURE/GROUP 1 DRAIN VALVES
2WTS-243 LSK-13-1B	X	X		X	X		X		NEUTRALIZER TANK LEVEL HIGH/INHIBIT THE START OF REGENERATION
2DSR-68A LSK-32-6B	X	X		X			X	FO	REHEATER DRAIN RECEIVER TANK 6A WATER LEVEL, LOSS OF CONTROL OF LV-68A
2FOF-101 LSK-15-1.2C				X			X		FUEL OIL STORAGE TANK LEVEL FIRE COMPUTER ALARM
2DSR-78A LSK-32-6E	X	X		X				FAI	SCAVENGING STEAM LINE A PRESSURE LOSS OF CONTROL OF MOV-86A
2MSS-104 LSK-3-1E	X							FO	2TMS-TI 1ST STAGE PRESSURE/LOSS OF CONTROL OF A0V85A,B,C,D, 2CNM-A0V101 AND 2CNM-A0V109
2CNS-8A LSK-4-3A	X	X	X	X		X			CNDS. STOR TK1A LEVEL

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 4

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL884

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2MSS-101 LSK-3-1B, F	X								2TMS-T1 MAIN STEAM INLET HDR. PRESSURE LOSS OF 2ASS-STV112 & 2ASS-AOV145
2MSS-24A LSK-3-1A	X					X			E1A REHEATING STEAM TEMP
2DSR-103 LSK-32-6C	X								SCAVENGING STEAM HEADER PRESSURE
2MSS-22A LSK-3-1M, 3-2	X					X		FC	MS/R REGULATED STEAM PRESSURE LOSS OF CONTROL OF 2MSS-PV28A AND 29A
2CRS-1A LSK-3-2	X								HIGH PRESSURE TURBINE EXHAUST COLD REHEATER STEAM TO 2MSS-E1A SHELL PRESSURE.
2CRS-2A LSK-3-2	X								H.P. TURB. EXH. COLD REHEATER STEAM TO 2MSS-E1A SHELL PRESSURE.
2CRS-3A LSK-3-2	X								H.P. TURBINE EXH. COLD REHEATER STEAM TO 2MSS-E1A SHELL PRESSURE.
2CRS-16A LSK-3-2	X								H.P. TURB. EXH. COLD REHEATER STEAM TO 2MSS-E1A SHELL PRESSURE
2CRS-19A LSK-3-2	X					X			REHEATER A COLD REHEAT PRESSURE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 4

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL884

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2ESS-1A LSK-3-4A	X					X			6TH POINT HTR 2FWS-E6A EXTR ST. PRESS.
2ESS-4A LSK-3-4A	X								TURB. 4TH STG EXTR STEAM PRESSURE
2ESS-7A LSK-3-4G	X					X			1ST POINT HTR 2CNM-E1A SHELL PRESSURE
2ESS-12A LSK-3-4G	X						X		2ND POINT HTR 2CNM-E2A SHELL PRESSURE
2ESS-17A LSK-3-4F	X						X		3RD POINT HTR 2CNM-E3A EXTR SHELL PRESSURE
2ESS-25A LSK-3-4D	X						X		4TH POINT HTR. 2CNM-E4A EXTR. STEAM PRESSURE
2ESS-31A LSK-3-4B	X						X		5TH POINT HTR 2CNM-E5A EXTR STEAM PRESSURE
2HRS-7A LSK-3-3	X								2TMS-T2A LP TURBINE INL PRESS.FR 2MSS-E1A
2HRS-8A LSK-3-3	X								2TMS-T2A HRS FROM 2MSS-E1B
2HRS-9A LSK-3-3	X								2TMS-T2A HRS FROM 2MSS-E1B
2MSS-23A LSK-3-1A	X			X					E1A REHEATING STEAM FLOW

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 4

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL884

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2MSS-52A LSK-3-1A	X			X					E1A STEAM SUPPLY PRESS
2DSM-75A LSK-32-7A	X						X	FC	MOISTURE SEP. DRAIN RECEIVER TK4A WTR LEVEL/ LOSS OF CONTROL OF LUX75A, LVY75A, LVZ75A
2DSM-78A LSK-32-7B	X	X		X			X	FO	MOIST SEP. DRAIN RECEIVER TK4A WTR LEVEL/LOSS OF CONTROL OF LV78A
2DSR-65A LSK-32-6A	X						X	FC	NORM WTR LVL DR CONTROL/LOSS OF CONTROL OF LVX65A,LVY65A, AND LVZ65A
2CMS-72A,C LSK-33-2A	X					X			CONTAINMENT DEW PT.
2CNS-130 LSK-4-3A	X								CONDENSATE DRAW OFF FLOW PRESSURE
2CNS-131 LSK-4-3A	X								NORMAL CONDENSATE MAKEUP FLOW

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 5
CIRCUIT NO: 2CECA85

DRAWING REFERENCES
EE-11J
0007.159-451-328
EE-3AJ

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL730	CRR	288	
2CEC-PNL885	CRR	288	LOSS OF POWER TO 2CEC-PWRS885 FOR FOXBORO PANEL 2CEC-PNL885 ALTERNATE POWER SUPPLY 2CEC-PWRS904 IS FED FROM 2VBB-UPS1B PANEL 2VBS-PNLB102 BKR #4 SEE ATTACHED FOR PLANT IMPACT NOTE: +/- 15VDC STILL SUPPLIED FROM 2CEC-PNL884 SEE 2VBS-PNLA102 BKR #4

UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 4
UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 5

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL885

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CNS-8B LSK-4-3A	X	X	X	X		X			CNDS STOR TK1B LEVEL
2CNS-114 LSK-4-3B	X	X		X		X			CNDS XFR HDR FLOW HIGH/INHIBIT AUTO START OF 2CNS-P1A OR 2CNS-P1B
2CNS-102 LSK-4-3E	X					X			COND HOT WELL LEVEL
2ESS-25B LSK-3-4D	X						X		4TH PT HTR EXTR ST PRESS
2ESS-17B LSK-3-4F	X						X		3RD PT HTR EXTR ST PRESS
2ESS-12B LSK-3-4G	X						X		2ND PT HTR SHELL PRESS
2MSS-52B LSK-3-1A	X					X			E1B STEAM SUPPLY PRESS
2MSS-24B LSK-3-1A	X					X			E1B REHEATING STEAM TEMP
2MSS-23B LSK-3-1A	X			X					E1B REHEATING STEAM FLOW
2ESS-4B LSK-3-4A	X								TURB 4TH STG EXTR ST PRESS
2ESS-31B LSK-3-4B	X						X		5TH PT HTR 2CNM-ESB EXTR ST. PRESS
2MSS-22B LSK-3-1A	X					X		FC	MS/R REGULATED STEAM PRESS/LOSS OF CONTROL OF REHEAT CONTROL VALVES PV28B&PV29B

UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 4
UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 5

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL885

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2HRS-7B LSK-3-3	X								2TMS-T2B LP TURBINE INL PRESS FR 2MSS-E1A
2HRS-8B LSK-3-3	X								2TMS-T2B HRS FROM 2MSS-E1A
2HRS-9B LSK-3-3	X								2TMS-T2B HRS FROM 2MSS-E1B
2ASS-6B LSK-3-9D	X	X		X		X			AUX. STM FLOW TO AIR REMOVAL
2DSR-68B LSK-32-6B	X	X		X			X	FO	DRAIN RECEIVER HIGH LEVEL/LOSS OF CONTROL OF LV68B
2DSR-65B LSK-32-6A	X						X	FC	NORM WTR LVL DR CONTROL/LOSS OF CNTRL OF LVX65B, LVY65B AND LVZ65B
2DSM-75B LSK-32-7A	X						X		MOISTURE SEP. DRAIN RECEIVER TK4B WTR LEVEL
2DSM-78B LSK-32-7B	X	X		X			X	FO	MOIST SEP DR RCVR TK4B WTR LEVEL/LOSS OF CONTROL OF LV78B
2DSR-78B LSK-32-6E	X	X		X				FAI	SCAVENGING STEAM LINE B PRESSURE/LOSS OF CONTROL OF MOV 86B
2ESS-7B LSK-3-4G	X					X			1ST PT HTR 2CNM-E1B SHELL PRESS
2ESS-1B LSK-3-4A	X					X			6TH PT HTR 2FWS-E6B EXTR ST. PRESS

UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 4
UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 5

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL885

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CRS-103 LSK-3-1M, 3-2	X					X		FC	REHEATER 1B SHELL PRESSURE/LOSS OF CONTROL OF PV28A, PV28B, PV29A & PV29B
2CRS-1B LSK-3-2	X								HIGH PRESSURE TURBINE EXH. COLD REHEATER STEAM TO 2MSS-E1B SHELL PRESSURE.
2CRS-2B LSK-3-2	X								HP TURB EXH COLD REHEATER STEAM TO 2MSS-E1B SHELL PRESSURE.
2CRS-3B LSK-3-2	X								HP TURB EXH COLD REHEATER STEAM TO 2MSS-E1B SHELL PRESSURE.
2CRS-16B LSK-3-2	X								HP TURB EXH. COLD REHEATER STEAM TO 2MSS-E1B SHELL PRESS.
2CRS-19B LSK-3-2	X					X			REHEATER B COLD REHEAT PRESS.
2CMS-72B,D LSK-33-2A	X					X			CONTAINMENT DEW POINT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 6
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J
0007.159-451-331
EE-3AK

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL730 JB201-1 JB201-2	CRR	288	
2CEC-PNL886	CRR	288	LOSS OF POWER TO 2CEC-PWRS886 FOR FOXBORO PANEL 2CEC-PNL886. SEE ATTACHED FOR PLANT IMPACT. NOTE: +/- 15VDC STILL SUPPLIED FROM 2CEC-PNL887 SEE 2VBS-PNLA102 BKR #7 AND 2VBS-PNLB102 BKR #6

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL886

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2AAS-113 LSK-12-9B	X	X		X		X			BRTHG AIR HDR PRESS
2ARC-20B LSK-5-1B	X	X		X					AIR REMOVAL PUMP-1B SEAL WTR TEMP HI
2ASS-116 LSK-3-9D	X	X		X		X			CLN STM REBLR STM PRESS
2ASS-122 LSK-3-9D	X	X		X		X			AIR EJECTOR 2A STM PRESS
2ASS-127 LSK-3-9D	X	X		X			X		OFFGAS STM PRESS
2CMS-72E,F LSK-33-2A	X					X			CONTAINMENT DEW POINT
2CMS-168 LSK-33-2D	X					X			SUPPR CHAMBER PRESS NORM
2CND-267 LSK-4-7D	X	X		X	X		X		LOW CONDUCTIVITY WASTE TK13 LEVEL
2CND-281 LSK-4-7C	X						X		NEUTRALIZING TK12 LEVEL
2CPS-102 LSK-22-23A	X	X		X		X			ENABLES 2CPS-FN1 (DISCH TO STOP PERMISSIVES DRYWELL)
2CPS-103 LSK-22-23A	X	X		X		X			ENABLES 2CPS-FN1 (DISCH TO STOP PERMISSIVES SUPPR PL)
2CPS-125 LSK-22-23A						X		FC	PRIMARY CONTAINMENT PRESS N2 INLET FLOW/LOSS OF CONTROL OF FV125
2CPS-126 LSK-22-23A	X	X		X		X			PRIMARY CONTAINMENT INLET NITROGEN FLOW

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL886

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2CPS-127 LSK-22-23A	X	X		X		X			PRIMARY CONTAINMENT INLET NITROGEN PRESS
2GSN-138 LSK-14-1F		X		X		X			PRIMARY CONTAINMENT N2 PURGE TEMP LOW
2HRS-7C LSK-3-3	X								2TMS-T2C LP TURB INL FR 2MSS-E1A
2HRS-8C LSK-3-3	X								2TMS-T2C HRS FROM 2MSS-E1A
2HRS-9C LSK-3-3	X								2TMS-T2C HRS FROM 2MSS-E1B
2IAS-101 LSK-12-1E	X	X		X		X			INSTR AIR HDR PRESS
2IAS-178 LSK-12-1C,1F	X	X		X		X			ADS CPRSR RCVR TANK *TK4 PRESSURE HIGH
2IAS-183 LSK-12-1C	X	X		X		X			ADS CPRSR RCVR TANK *TK5 PRESSURE HIGH
2MWS-114 LSK-9-15, 13-1B	X	X		X	X	X			DMNRLZD WTR TK 1A OR 1B LVL
2MWS-116 LSK-9-15	X	X		X		X	X		DMNRLZD WTR PMP DISCH FL
2SSR-124 LSK-21-2B	X	X		X	X	X			CRD PUMP DISCH CNDT SAMPLE
2SSR-125 LSK-21-2B	X	X		X	X	X			CRD PUMP DISCH 02 SAMPLE
2SST-106 LSK-21-1A	X	X		X	X	X			COND DMNRLZR INL CNDT SAMPLE
2SST-113 LSK-21-1B	X	X		X	X	X			COND DEMIN OUT O2 SAMPLE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL886

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-114 LSK-21-1B	X	X		X	X	X			COND DMNRLZR OUT CNDT SAMPLE
2SST-131 LSK-21-1B	X	X		X	X	X			COM 6TH PT HTR OUT CNDT SAMPLE
2SST-132 LSK-21-1C	X	X		X	X	X			COM 6TH PT HTR OUT O2 SAMPLE
2SST-133 LSK-21-1C	X	X		X	X	X			COM 6TH PT HTR OUT PH SAMPLE
2TML-132 LSK-16-2.1	X					X		FO	OIL CLRS OUTLET OIL TEMP/LOSS OF CONTROL OF 2CCS-TV43A AND 2CCS-TV43B
2ESS-1C LSK-3-4A	X						X		6TH PT HTR 2FWS-E6C EXTR STM PRESSURE
2ESS-7C LSK-3-4G	X						X		1ST PT HTR 2CNM-E1C SHELL PRESSURE
2ESS-12C LSK-3-4G	X						X		2ND PT HTR 2CNM-E2C SHELL PRESSURE
2ESS-17C LSK-3-4F	X						X		3RD PT HTR 2CNM-E3C EXTR STM PRESSURE
2ESS-25C LSK-3-4D	X						X		4TH PT HTR 2CNM-E4C EXTR STM PRESSURE
2ESS-31C LSK-3-4B	X						X		5TH PT HTR 2CNM-E5C EXTR STEAM PRESSURE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 7
CIRCUIT NO: 2CECA87

DRAWING REFERENCES
EE-11J
EE-3AK
0007.159-451-512
0007.159-451-334

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL730	CRR	288	
2CEC-PNL887	CRR	288	LOSS OF POWER TO 2CEC-PWRS887 FOR FOXBORO PANEL 2CEC-PNL887. ALTERNATE POWER SUPPLY 2CEC-PWRS905 FOR 2CEC-PNL887 IS FED FROM 2VBB-UPS1B PANEL 2VBS-PNLB102 BRK #6. FOR PLANT IMPACT SEE ATTACHED. NOTE: +/- 15 VDC STILL SUPPLIED FROM 2CEC-PNL886 SEE 2VBS-PNLA102 BKR#6

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 7
UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL887

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2ARC-20A LSK-5-1B	X	X		X					AIR REM PP1A SEAL W TEMP H
2CNM-137						X			2FWS-P1A,B,C STARTUP BYPASS VALVE POSITION INDICATION
2CWS-47A LSK-2-1.1D	X					X			CLG TWR RETURN FLOW A
2DFR-106 LSK-23-6C	X	X		X		X			DRYWELL FLOOR DRAIN LEAKAGE TANK LEVEL
2DFR-137 LSK-23-6C	X	X		X		X			DW FL DR PUMPS P1A & P1B FLOW
2FWS-64A/B LSK-6-1.1H						X			FEEDWATER INLET TEMP TO REACTOR LINE A/B
2GMC-110 LSK-16-6C, 8D	X					X			GENERATOR INLET CONDUCTIVITY
2GMC-111 LSK-16-6C, 8D	X					X			GENERATOR OUTLET CONDUCTIVITY
2GMC-134 LSK-16-8C	X					X		FO	ALT COOLER AIR OUTLET TEMP, LOSE CONTROL OF TURBINE BLDG. CLOSED LOOP COOLING WATER VALVE 2CCS-TV32A AND B

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 7
UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL887

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2GMH-105 LSK-16-7C	X					X			GENERATOR GAS PURITY
2GMH-117 LSK-16-7A	X					X			GENERATOR GAS PRESS
2GMH-156 LSK-16-7A						X		FO	H2 COLD GAS TEMP/TBCLC FLOW MODULATING VALVE 2CCS-TV109
2GML-103 LSK-16-10	X	X		X					GEN LEADS CLR RETURN AIR TEMP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 7
UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL887

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2GMO-103 LSK-16-6	X					X			HYDRAUL SEAL OIL BRG 9 PRESS
2GMO-104 LSK-16-6	X					X			HYDRAUL SEAL BRG 10 PRESS
2LOS-126 LSK-16-3	X	X		X	X		X		DIRTY OIL STOR TK2 LEVEL/STOP LUBE OIL XFER PUMP P2
2LOS-127 LSK-16-3	X	X		X	X		X		CLEAN OIL STOR TK1 LEVEL/STOP LUBE OIL XFER PUMP P2
2TME-15A,B LSK-16-1.1A	X					X			2TME-E1A & E1B REBLR DISCH STEAM PRESS
2TME-103 LSK-16-1.1B	X					X		FAI	E1A & E1B DISCH HDR PRESS/LOSS OF CONTROL OF 2TME-MOV110, 2TME-SOV121
2TME-107 LSK-16-1.1B	X					X		FAI	E1A & B STEM SEAL RED PRESS/LOSS OF CONTROL OF 2TME-MOV110, 2TME-SOV121
2TME-108 LSK-16-1.1D	X					X			STEAM SEAL EXHAUST VACUUM
2TMI-127 LSK-16-9	X					X			EXH HOOD A TURBINE END TEMP
2TMI-128 LSK-16-9	X					X			EXH HOOD B TURBINE TEMP
2TMI-129 LSK-16-9	X					X			EXH HOOD C TURBINE TEMP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 7
UPS NO: 2VBB-UPS1B
PNL NO: 2VBS-PNLB102
BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL887

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2TML-109 LSK-16-2.3	X					X			TURB BRG OIL PRESS
2TML-112 LSK-16-2.1	X					X			MN SHAFT OIL PUMP DISCH PRESS
2TMS-151 LSK-16-9	X					X			EXH HOOD SPRAY PRESS
2TMB-105 LSK-16-5.2	X					X			EHC HEADER PRESSURE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 8
CIRCUIT NO: 2EGSB07_

DRAWING REFERENCES
EE-11J
EE-14C
EE-14B
0001.040-209-078
0001.040-209-022

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*IPNL408 52U1 (C-4)	DG	261	
2CES*IPNL412	DG	261	LOSS OF POWER TO RUN TIME METER AND ANNUNCIATOR HORN IN 2CES*PNL412 FOR STANDBY DIESEL GENERATOR LOSS OF POWER TO 2EGS*EG3 LUBE OIL RETURN HEADER TEMPERATURE INDICATOR

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 9
CIRCUIT NO: N/A

DRAWING REFERENCES
EE-11J
EE-14C
EE-14B
0001.040-209-078
0001.040-209-022

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*IPNL406 52U1 (C-4)	DG	261	
2CES*IPNL407	DG	261	LOSS OF POWER TO RUN TIME METER AND ANNUNCIATOR HORN IN 2CES*PNL407 FOR STANDBY DIESEL GENERATOR LOSS OF POWER TO 2EGS*EG1 LUBE OIL RETURN HEADER TEMPERATURE INDICATOR

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 10
CIRCUIT NO: 2SXSN01

DRAWING REFERENCES
944E995 (C88)
EE-11J
EE-35D
0007.511-414-479, 480

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CES-PNL518	TB	277	LOSS OF POWER TO GETARS MULTIPLEXERS:
FUSE C88A-F11			C88A-J1011 (2SXS-MUX11-B)
FUSE C88A-F12			C88A-J1012 (2SXS-MUX12-B)
FUSE C88A-F19			C88A-J1019 (2SXS-MUX19-B)
FUSE C88A-F4			C88A-J1004 & C88A-PS4 (2SXS-MUX04-B)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 11
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 12
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 13
CIRCUIT NO: N/A

DRAWING REFERENCES
EE-3TK
EE-11J
LOOP-2RMS-201
LSK-22-IT

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2RMS-PNL200 GEM COMP. CONT. CONSOLE	TB	306	LOSS OF PWR TO 2RMS-PNL200 LOSS OF COMPUTER GEMS CPU LOSS OF ANNUNCIATOR WINDOW AND COMPUTER PT IN CONTROL ROOM (FOR 2RMS-CAB170 AND 2RMS-CAB180) REACTOR BLDG. VENT RADIATION MONITOR 2RMS-CAB180 INOP TURBINE BLDG. VENT RADIATION MONITOR 2RMS-CAB170 INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 14
CIRCUIT NO: 2SSPC14

DRAWING REFERENCES

EE-11J
EE-3TA

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SSP-IPNL102 2CES-PNL555, 2RHS*PNL100 & 2SSP-IPNL102	RW	261	LOSS OF POST ACCIDENT SAMPLING SYS SOURCE A, SOURCE B FROM 2VBS-PNLB107 STILL AVAILABLE SEE 2VBS-PNLB107 BKR# 20 FOR PLANT IMPACT

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 15
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J
EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2RMS-RCPT12	TB	306	LOSS OF POWER TO RECEPTACLE 12, 2RMS-CP208 ALSO LOSES POWER (SYSTEMS PRINTER TECH SUPPORT CENTER)
2RMS-RCPT13	TB	306	LOSS OF POWER TO RECEPTACLE 13, 2RMS-CP208 ALSO LOSES POWER (SYSTEMS PRINTER TECH SUPPORT CENTER)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 16
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J
EE-3TF
EE-11HL

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2RMS-CAB180	TB	306	REACTOR BUILDING VENT RADIATION MONITOR 2RMS-CAB180 INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 17
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2COR-RCPT1	CCR	306	120V RCPT FOR RADIAX CONSOLES. RECEPTACLE IS REQUIRED TO SUPPLY POWER FOR THE RADIAX BASE UNITS AND PLANT ANTENNA COMMUNICATIONS SYSTEM. RECEPTACLE IS MOUNTED UNDER THE EMERGENCY COMMUNICATIONS TABLE. RECEPTACLE 2COR-RCPT2 IS POWERED FROM 2VBS-PNLB102.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 18
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 19
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 20
CIRCUIT NO: N/A

DRAWING REFERENCES
EE-3TF
EE-11J
LSK-22-IT

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2RMS-CAB180	TB	306	LOSS OF PWR TO RAD MONITORING PNL 2RMS-CAB180
4TB1-1, -2			REACTOR BUILDING VENT RADIATION MONITOR 2RMS-CAB180 INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 21
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 22
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-3TF
EE-11J
LSK-22-IT

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2RMS-CAB180	TB	306	LOSS OF PWR TO RAD MONITORING PNL 2RMS-CAB180
4TB1-1, -2			REACTOR BUILDING VENT RADIATION MONITOR 2RMS-CAB180 INOP

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J
EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2VBS-ISLXA107	RCR	279	
2VBS-PNLA107	RCR	279	POWER DISTRIBUTION PANEL. SEE 2VBS-PNLA107 LOAD LIST.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 24
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11J

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 1
CIRCUIT NO: 2LWSNNK581

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL380 (PWR SUPPLY FOR CENTRAL PROCESSOR-B CAB)	RCR	279	LOSS OF ON-LINE OR BACK-UP COMPUTER FUNCTIONS. IF "B" ON LINE: ALL LWS PROCESSES & SUBSYSTEMS ARE DISABLED, - LWS - GEN TEMP MON - EMERGENCY RESPONSE FACILITY FUNCTIONS - SPDS IF "B" IS BACKUP: LWS REDUNDANCY FEATURE IS DISABLED.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 2
CIRCUIT NO: 2LWSNNK582

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL381 (PWR SUPPLY FOR CENTRAL PROCESSOR-A CAB)	RCR	279	LOSS OF ON-LINE OR BACK-UP COMPUTER FUNCTIONS. IF "A" ON LINE: ALL LWS PROCESSES & SUBSYSTEMS ARE DISABLED, - LWS - GEN TEMP MON - EMERGENCY RESPONSE FACILITY FUNCTIONS - SPDS IF "A" IS BACKUP: 2LWS REDUNDANCY FEATURE IS DISABLED.

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 3
CIRCUIT NO: 2LWSMNK583

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL383 (PWS; CPU FAILOVER A CABINET)	RCR	279	LOSS OF: - EOF LINK - CONTROL ROOM SPDS DISP (1) - TSC DISPLAYS (2) - LWS ALARM SCREEN - UTILITY TYPERS - FAIL OVER FEATURE ADVERSELY AFFECTED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 4
CIRCUIT NO: 2LWSNNK584

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL382 (PWS, CPU FAILOVER-B CABINET	RCR	279	LOSS OF: - LWS OPERATOR STATION - CONTROL ROOM SPDS (1) - TSC DISPLAY (1) - ENGINEERS STATION (LWS) - LWS ALARM TYPER - TSC TYPERS (2) - ENGINEERS PERIPHERALS - FAIL OVER ADVERSELY AFFECTED

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 5
CIRCUIT NO: 2LWSWNK585

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL385 (EE-3NN) (PWS, CPU CORE STATOR-1 CAB)	RCR	279	LOSS OF ON-LINE OR REDUNDANT STORAGE CAPABILITY

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 6
CIRCUIT NO: 2LWSNNK586

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL384 (PWS, CPU CORE STATOR-2 CAB)	RCR	279	LOSS OF ON-LINE OR REDUNDANT STORAGE CAPABILITY

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 7
CIRCUIT NO: 2LWSNNK

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-RCPT1 POWER SUPPLY FOR 2LWS-PNL386 LWS COMPUTER (RADWASTE) DISK DRIVE	RCR	279	LOSS OF RADWASTE MAIN MEMORY DISK DRIVE DKB01

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 8
CIRCUIT NO: 2LWSNNK588

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL387 2LWS-RCPT2 POWER SUPPLY FOR 2LWS-PNL387 LWS COMPUTER (RADWASTE) MAIN MEMORY DISK DRIVE DKD01	RCR	279	LOSS OF LWS MAIN MEMORY DISK DRIVE DKD01

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 9
CIRCUIT NO: 2LWSNNK589

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL401 (PWS, SYS PRGM/ENGR CONSOLE)	RCR	279	LOSS OF LWS PRGRM/ENGR VIDEO KEYBOARD, FLOPPY DISK DRIVE

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 10
CIRCUIT NO: 2LWSNNK590

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-CP403, CP404 2LWS-RCPT3 POWER SUPPLY FOR 2LWS-CP403, 404 LWS COMPUTER I/O TYPERS 1 AND 2	RCR	279	LOSS OF SYSTEM I/O TYPERS 1 AND 2

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 11
CIRCUIT NO: 2LWSNNK591

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL388 (PWS, MAGNETIC TAPE CAB)	RCR	279	LOSS OF: - MAG TAPE - EOF LINK

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 12
CIRCUIT NO: 2LWSNNK592

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL400 (PWS, OPERATORS CONSOLE)	RCR	279	LOSS OF: - LWS VIDEO, KEBOARD & ANNUNCIATORS (LOCAL)

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 13
CIRCUIT NO: 2LWSNNK593

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-CP405, CP406 2LWS-RCPT4 POWER SUPPLY FOR 2LWS-CP405, 406 LWS COMPUTER	RCR	279	LOSS OF LWS OPERATOR'S ALARM AND UTILITY TYPER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 14
CIRCUIT NO: 2LWSNNK594

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-CP402 2LWS-RCPT5 POWER SUPPLY FOR 2LWS-CP402 LWS COMPUTER LINE PRINTER	RCR	279	LOSS OF LWS SYSTEM LINE PRINTER

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 15
CIRCUIT NO: 2LWSNNK579

DRAWING REFERENCES

EE-11GH
EE-3NC

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL373 (PWS, H LVL ANLG/DGTL I/O CAB	RCR	279	LOSS OF LWS HIGH LEVEL INPUT & OUTPUT SIGNAL FUNCTIONS SUPPORTING LWS PROCESSES

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 16
CIRCUIT NO: 2LWSNNK595

DRAWING REFERENCES

EE-11GH
EE-3NE

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL371 (PWS, LOW LVL ANALOG I/O CABINET)	RCR	279	LOSS OF LWS LOW LEVEL INPUT & OUTPUT SIGNAL MONITORING FUNCTIONS FOR SUPPORTING RADWASTE FUNCTIONS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 17
CIRCUIT NO: 2LWSMNK596

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL378 (PWS, H LVL ANLG/ DGTL I/O CABINET)	RCR	279	LOSS OF HIGH LEVEL INPUT & OUTPUT SIGNAL MONITORING FUNCTIONS SUPPORTING RADWASTE PROCESSES

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 18
CIRCUIT NO: 2LWSNNK597

DRAWING REFERENCES

EE-11GH
EE-3NN

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL377 (PWS, H LVL ANLG/ DGTL I/O CABINET)	RCR	279	LOSS OF HIGH LEVEL INPUT & OUTPUT SIGNAL MONITORING FUNCTIONS FOR SUPPORTING RADWASTE FUNCTIONS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 19
CIRCUIT NO: 2LWSNNK598

DRAWING REFERENCES

EE-11GH
EE-3NA

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL376 (PWS, H LVL ANLG/ DGTL I/O CABINET)	RCR	279	LOSS OF HIGH LEVEL INPUT & OUTPUT SIGNAL MONITORING FUNCTIONS FOR SUPPORTING RADWASTE FUNCTIONS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 20
CIRCUIT NO: 2LWSNNK599

DRAWING REFERENCES

EE-11GH
EE-3NB

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2LWS-PNL374 (PWS, H LVL ANLG/ DGTL I/O CABINET)	RCR	279	LOSS OF HIGH LEVEL INPUT & OUTPUT SIGNAL MONITORING FUNCTIONS FOR SUPPORTING RADWASTE FUNCTIONS

UPS NO: 2VBB-UPS1A
PNL NO: 2VBS-PNLA102
BKR NO: 23
DIST PNL NO: 2VBS-PNLA107
BKR NO: 21 THROUGH 42
CIRCUIT NO: N/A

DRAWING REFERENCES

EE-11GH

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			NONE