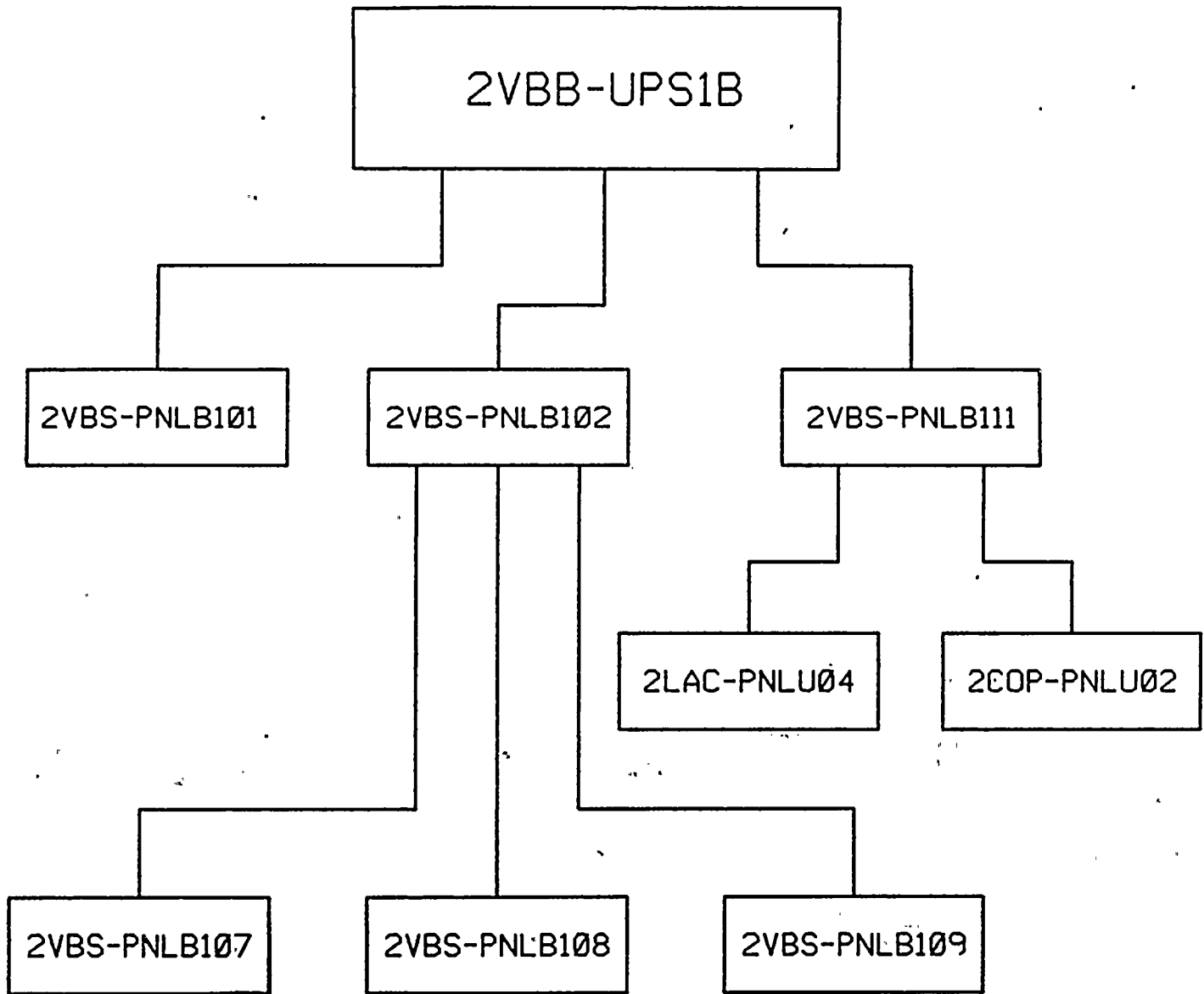



9999999999

# 2VBB-UPS1B 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 SCRUBA, N.Y.	
	LOAD LIST	
	UNINTERRUPTIBLE POWER SUPPLY	
	2VBB-UPS1B	
SCALE NONE		DRAWING NO AE-100E

1	9-91	JPH	ORIGINAL ISSUE- AS BUILT	5-25	Aug
PK	DATE	BY	DESCRIPTION	CK	APP



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2VBS-PNLB107		
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2VBS-PNLB108		

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(CONTINUED ON SHEET 4)

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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**BKR NO: 1**  
**CIRCUIT NO: N/A**

EE-011Y  
EE-002R  
0007.370-002-006  
0007.370-002-010

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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**BKR NO: 2**  
**CIRCUIT NO: N/A**

**EE-11Y**  
**EE-3ET**  
**0007.520-001-555**  
**0007.520-001-544**

[illegible]

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 6 OF 228



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BKR NO: 3  
CIRCUIT NO: 2TMIN10

### DRAWING REFERENCES

EE-11Y  
ESK 7CEC14  
LSK 16-07  
LSK 16-09

[illegible]

**JP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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3KR NO: 4  
CIRCUIT NO: 2IHAN06

EE-11Y  
ESK-10IHA42, 43  
EE-3DN  
147D7844, SH. 2

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 8 OF 228







### DRAWING REFERENCES

EE-11Y, EE-3DU,  
ESK-10IHA40  
147D7838 SH. 2  
442X559 (0007.221-001-116 & 105)  
761E79ITY SH.4 (0007.223-001-019)



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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0007.221-001-116  
0007.221-001-105

11 NL634	DESCRIPTION
PMS INDICATION	
PMS ALARM	
ERF INPUT	
CR ANNUNCIATION	
LOCAL ANNUNCIATION	
CR INDICATION	
LOCAL INDICATION	
VALVE POSITION	

UPSI B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-11Y  
EE-3DU  
147D7828  
0007.213-001-019  
0007.221-001-108



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 11 OF 228



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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL634  
 BKR NO: 6

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL634

761E791ITY  
 442X559-003  
 0007.221-001-108

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
FUSE L2 AND N2 0.25A SLOW BURN		X		X					RCS FLUX ESTIMATOR (INOP) TIMER & COUNTER POWER SUPPLY (24VDC) RCS FLOW CONTROL
RECP. #2 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10									RCS FLUX ESTIMATOR INSTRUMENTATION RCS FLOW CONTROL (INOP)
RECP. #2 FEEDS POWER SUPPLIES NEST 2,3,4,5,8,9,10		X		X		X		FL	RCS FLOW CONTROL LOOP B INSTRUMENTATION 2RCS*HYV17B (INOP)
RECP. #2 FEEDS POWER SUPPLIES NEXT 2,3,4,5,8,9,10		X		X		X		FL	2RCS*HYV17B POSITION & VELOCITY CONTROL INSTRUMENTATION (INOP)
RECP. #2 FEEDS POWER SUPPLIES NEXT 2,3,4,5,8,9,10									RCS PUMP B SUCT. TEMP VS. DOME PRESSURE CAVITATION INTERLOCK (INOP)
FUSE PLATE VALIDINE AMP								FL	2RCS*FYV17B POSITION & VELOCITY AMP (INOP)

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 12 OF 228



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2000







### DRAWING REFERENCES

EE-11Y  
0007.213-001-019  
0007.213-001-027  
147D7828  
0007.213-001-025



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-11Y  
0007.213-001-019  
147D7828  
0007.213-001-022  
0007.213-001-025



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-11Y  
EE-3DT  
0007.520-001-393  
0007.520-001-394  
0007.520-001-396  
0007.520-001-397  
0007.520-001-399  
0007.520-001-400  
0007.520-001-401  
0007.213-001-020  
0007.213-001-024  
0007.213-001-025  
0007.213-001-028  
0007.213-001-029  
147D7828



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 15 OF 228



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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKRR NO: 9

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
B35A-F103 B35-K600 (24VDC POWR)						X			(B35-N005A,B,C,D PRESSURE XMTR) RCS PUMP A&B SEAL WATER PRESSURE
(GE DRAWINGS #761E791TY)						X			(B35-N015A&B DIFF PRESS XMTR) RCS PUMP A&B
(GE DRAWINGS #761E791TY)		X		X		X			(B35-N040 PRESSURE XMTR) RX DOME PRESSURE
(GE DRAWINGS #761E791TY)		X		X					RX VESSEL BOTTOM DRAIN LINE TEMP "A"
GE DRAWINGS #761E791TY)						X		FL	(B35-N050A&B PRESSURE XMTR) DRYWELL PRESSURE RCS FCV A&B MOTION INHIBIT LOGIC ACTUATED
(GE DRAWINGS #761E791TY)	X	X		X					RX VESSEL BOTTOM DRAIN LINE TEMP "B"
(GE DRAWINGS #761E791TY)		X		X					RCS PUMP "A" SUCTION TEMP VS. RX DOME TEMP
(GE DRAWINGS #761E791TY)	X	X		X					RX DOME PRESSURE
(GE DRAWINGS #761E791TY)									RCS PUMP A SUCT TEMP VS. DOME PRESSURE RCS THERMAL SHOCK INTERLOCKS INOP

UPS1B

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2VBB-UPS1B LOAD LIST  
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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKR NO: 9

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
(GE DRAWINGS #761E791TY)		X		X					RCS PUMP "B" SUCTION TEMP VS. RX DOME TEMP
(GE DRAWINGS #761E791TY)									RCS PUMP B SUCT. TEMP VS. DOME PRESSURE RCS THERMAL SHOCK INTERLOCKS INOP
(GE DRAWINGS #761E791TY)									RCS PUMP A VS. PUMP B SUCT. TEMP RCS THERMAL SHOCK INTERLOCKS INOP
(GE DRAWINGS #761E791TY)									VESSEL BOTTOM DRAIN "A" VS. DOME PRESSURE RCS THERMAL SHOCK INTERLOCKS INOP
(GE DRAWINGS #761E791TY)									VESSEL BOTTOM DRAIN "B" VS. DOME PRESSURE RCS THERMAL SHOCK INTERLOCKS INOP
B35A-F104									RCS THERMAL SHOCK INTERLOCKS (LFMG SET "A" & B TRANSFER LOGIC) INOP
B35A-F1	X								RCS PUMP A & B SUCT. TEMP.

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BKR NO: 10  
CIRCUIT NO: 2IHAB02

EE-11Y  
ESK-10IHA40  
D-1034-913  
EE-3BA  
14707845, SH. 2

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DWG. NO. AE-100E  
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3KR NO: 11  
CIRCUIT NO: 2IHAB06

EE-11Y  
EE-3DN  
ESK-101HA42  
0007.521-001-261  
147D7844

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DWG. NO. AE-100E  
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BKR NO: 12  
CIRCUIT NO: 2RDSN11

**EE-11Y**  
**EE-3DE**  
**147D7826**  
**0007.520-001-353**  
**0007.520-001-350**  
**0007.520-001-339**  
**0007.221-001-012**  
**0007.221-001-017**  
**0007.221-001-038**

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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-11Y  
EE-3DE  
147D7826  
0007.520-001-314  
0007.241-001-007  
0007.520-001-298



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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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KR NO: 14  
CIRCUIT NO: 2M88N21

### DRAWING REFERENCES

EE-11Y  
EE-3DS  
0007.520-001-410  
0007.520-001-407  
0007.520-001-409  
147D7828

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**VP81B**

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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 22 OF 228



**BKR NO: 15**  
**CIRCUIT NO: 2FW8N34**

### DRAWING REFERENCES

EE-11Y  
EE-3DU  
0007.520-001-401  
0007.520-001-400  
0007.520-001-357  
0007.520-001-355  
0007.222-001-005  
0007.520-001-348  
0007.222-001-004  
147D7828

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**UP81B**

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DWG. NO. AE-100E  
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UPS NO: 2VBB-UP81B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 KR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F1 C33-K612 (24VDC PWR)	X					X			(C33-N007 PRESS XMTR) TURBINE STEAM FLOW (INOP)
GE DRAWING 807E160TY	X					X			(C33-N008A PRESS XMTR) RX PRESSURE SIGNAL TO RCS DIFF TEMP CAVITATION INTERLOCK (INOP)
GE DRAWING 807E160TY	X					X			(C33-N008C PRESS XMTR) RX PRESSURE SIGNAL TO RCS DIFF TEMP CAVITATION INTERLOCK (INOP)
GE DRAWING 807E160TY	X					X			(C33-N003D FLOW XMTR) (FEEDWATER CONTROL) MAIN STEAM LINE D (INOP)
GE DRAWING 807E160TY	X					X			(C33-N002A FLOW XMTR) (FEEDWATER CONTROL) FEEDWATER LINE "A" FLOW (INOP)
GE DRAWING 807E160TY	X	X		X		X			(C33-N005 PRESS XMTR) RX PRESS (INOP)
GE DRAWING 807E160TY	X	X		X		X			(C33-N004A LEVEL XMTR) (INOP) RX WATER LEVEL NARROW RANGE "A"

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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
GE DRAWING 807E160TY									STARTUP VALVES TRANSFER TO MANUAL (HALF TRIP) FEEDWATER PUMP/ TURBINE (HALF TRIP)
GE DRAWING 807E160TY	X	X		X		X			FEEDWATER CONTROL 3 ELEMENT CONTROL (INOP)
GE DRAWING 807E160TY						X	FL		2FWS-LV10A
GE DRAWING 807E160TY						X			AUTO/MANUAL TRANSFER (INOP) 2FWS-LV10B (CONTROL STATUS)
GE DRAWING 807E160TY									FEEDWATER CONTROL SINGLE ELEMENT CONTROL (INOP)
GE DRAWING 807E160TY						X			MASTER CONTROLLER 2FWS-LV10A, B & C (INOP)
GE DRAWING 807E160TY									FEEDWATER CONTROL SETPOINT SETDOWN (INOP)
GE DRAWING 761E791TY SH 9									RX PRESSURE VS. VESSEL BOTTOM DRAIN "B" TEMP RCS THERMAL SHOCK INTERLOCKS (INOP)
GE DRAWING 761E791TY SH 9									RX PRESSURE VS. RCS PUMP B SUCT. TEMP RCS THERMAL SHOCK INTERLOCKS (INOP)

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2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
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UPS NO: 2VBB-UP81B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F4						X			STARTUP VALVES TRANSFER TO MANUAL (HALF TRIP) FEEDWATER PUMP/TURBINE (HALF TRIP)
C33A-F7 C33-K611 (24VDC PWR)	X	X		X		X			(C33-N003A FLOW XMTR) (FEEDWATER CONTROL) STEAM FLOW LINE "A" (INOP)
C33A-F7 C33-K611 (24VDC PWR)	X	X		X		X			(C33-N003B FLOW XMTR) (FEEDWATER CONTROL) STEAM FLOW LINE "B" (INOP)
C33A-F7 C33-K611 (24VDC PWR)	X	X		X		X			(C33-N003C FLOW XMTR) (FEEDWATER CONTROL) STEAM FLOW LINE "C" (INOP)
C33A-F7 C33-K611 (24VDC PWR)								FL	LOW PRESSURE START- UP 2CNM-LV137
C33A-F7 C33-K611 (24VDC PWR)								FL	HIGH PRESSURE START-UP 2FWS-LV55A
C33A-F7 C33-K611 (24VDC PWR)								FL	HIGH PRESSURE START-UP 2FWS-LV55B
C33A-F7 C33-K611 (24VDC PWR)									FEEDWATER CONTROL SETPOINT SETDOWN (INOP)
C33A-F7 C33-K611 (24VDC PWR)									RCS LOW Rx WATER LEVEL 3 & 4 TRIP

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2VBB-UP81B LOAD LIST  
 DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 KR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F7 C33-K611 (24VDC PWR)							FL		2FWS-LV10C
C33A-F7 C33-K611 (24VDC PWR)							FL		2FWS-LV10B
C33A-F7 C33-K611 (24VDC PWR)									FEEDWATER CONTROL START-UP VALVE (HIGH PRESSURE) MASTER CONTROLLER (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				FEEDWATER CONTROL TOTAL MAIN STEAM FLOW (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				Rx WATER LEVEL UPSET RANGE (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				Rx WATER LEVEL NARROW RANGE (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				FEEDWATER CONTROL TOTAL FEEDWATER FLOW (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				TURBINE STEAM FLOW (INOP)
C33A-F7 C33-K611 (24VDC PWR)					X				FEEDWATER CONTROL Rx PRESSURE (INOP)
C33A-F7 C33-K611 (24VDC PWR)									FEEDWATER CONTROL Rx WATER LEVEL 3&4 RCS TRIP INPUT "A" & "B" (INOP)

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2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F7 C33-K611 (24VDC PWR)						X			FEEDWATER CONTROL (INOP) FEEDWATER FLOW SIGNAL LINE "A"
C33A-F8 C33-K612 (24VDC PWR)	X	X		X					RX WATER LEVEL 4&7 NARROW RANGE (INOP)
C33A-F8 C33-K612 (24VDC PWR)	X	X		X					RX PRESSURE HIGH (INOP)
C33A-F8 C33-K612 (24VDC PWR)									FEEDWATER CONTROL 3 ELEMENT CONTROL (INOP)
C33A-F8 C33-K612 (24VDC PWR)		X		X					FEEDWATER CONTROL TOTAL MAIN STEAM FLOW (INOP)
C33A-F8 C33-K612 (24VDC PWR)									FEEDWATER CONTROL LOW POWER TRIP INPUT TO REACTOR MANUAL CONTROL (INOP)
C33A-F8 C33-K612 (24VDC PWR)	X					X			FEEDWATER CONTROL MAIN STEAM FLOW LINE "D" (INOP)
C33A-F8 C33-K612 (24VDC PWR)									FEEDWATER CONTROL LOW FEEDWATER FLOW TRIP INPUT TO RCS PUMP "A" & "B" NPSH & POWER INTERLOCKS
C33A-F8 C33-K612 (24VDC PWR)									2FWS-LV10C AUTO CONTROL (INOP)

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2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC-PNL612  
 BKR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F8 C33-K612 (24VDC PWR)						X			FEEDWATER CONTROL (INOP) TOTAL FEEDWATER FLOW
C33A-F8 C33-K612 (24VDC PWR)							FL		2FWS-LV10C
C33A-F8 CEE-K612 (24VDC PWR)						X			A/M TRANSFER (INOP) 2CNM-LV137
C33A-F8 C33-K612 (24VDC PWR)						X			FEEDWATER CONTROL HIGH PRESS/LOW FLOW MASTER CONTROLLER A/M TRANSFER (INOP)
C33A-F8 C33-K612 (24VDC PWR)						X			A/M TRANSFER (INOP) 2FWS-LV55A
C33A-F8 C33-K612 (24VDC PWR)						X			A/M TRANSFER (INOP) 2FWS-LV55B
C33A-F9						X			FEEDWATER PUMP CAVITATION INTLK LV10 LIMITER LOGIC (INOP)
C33A-F10						X			FEEDWATER CONTROL SETPOINT SETDOWN LOGIC (INOP)
C33A-F11									LOW FEEDWATER FLOW RCS RUNBACK A&B LOGIC ACTUATED
C33A-F13									2FWS-LV55A, 2FWS- LV55B, 2CNM-LV137 TRANSFER TO MANUAL

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2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
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**PLANT IMPACT: LOSS OF POWER TO 2CEC-PNL612**

	DESCRIPTION
01	PMS INDICATION
NL612	PMS ALARM
-	ERF INPUT
	CR ANNUNCIATION
	LOCAL ANNUNCIATION
	CR INDICATION
	LOCAL INDICATION
	VALVE POSITION

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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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UPS NO: 2VBB-UP81B  
 PNL NO: 2VBS-PNLB101  
 DIST PNL NO: 2CEC\*PNL603  
 BKR NO: 15

PLANT IMPACT: LOSS OF POWER TO 2CEC\*PNL603

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
C33A-F2A					X				2FWS-LV10A (STATUS)
C33A-F2B					X				2FWS-LV10B (STATUS)
C33A-F2C					X				2FWS-LV10C (STATUS)
C33A-F3A	X			X					2FWS-LV10A CONTROL SIGNAL FAILURE AND ACTUATOR TROUBLE/RESET (INOP)
C33A-F3B	X			X					2FWS-LV10B CONTROL SIGNAL FAILURE AND ACTUATOR TROUBLE/RESET (INOP)
C33A-F3C	X			X					2FWS-LV10C CONTROL SIGNAL FAILURE AND ACTUATOR TROUBLE/RESET (INOP)

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2VBB-UP81B LOAD LIST  
 DWG. NO. AE-100E  
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BKR NO: 16  
CIRCUIT NO: 2CECB26

EE-11Y  
EE-EAG  
EE-3B  
0007.159-451-317  
0007.159-451-319  
147D7836

UP81B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 32 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

PKR NO: 17  
CIRCUIT NO: 2WCSN25

DRAWING REFERENCES

147D7830  
EE-11Y  
EE-3CV  
0007.520-001-446  
0007.520-001-462  
0007.224-001-003  
0007.224-001-006

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL705 JB402	CCR	306	
E31A-W049 2CEC-PNL632	CCR	306	POWER FAILURE TO ANALOG ISOLATOR ASSEMBLY AT13 & AT12
2WCS-FI602 (G33-R602)	CCR	306	LOSS OF RWCU SYSTEM DUMP FLOW INDICATION
G33-R609	CCR	306	LOSS OF RWCU SYSTEM INLET FLOW INDICATION
MSSFA101			LOSS OF RWCU SYSTEM PMS FLOW INDICATION

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 33 OF 228



BKR NO: 18  
CIRCUIT NO: 2CECB88

147D7836  
EE-11Y  
EE-AG  
EE-3N  
0007.159-451-407  
0007.159-451-408

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 34 OF 228



KR NO: 19  
CIRCUIT NO: N/A

## EE-11Y

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 35 OF 228

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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES  
EE-11Y

BRK NO: 20  
CIRCUIT NO: N/A

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 36 OF 228





UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 BKR NO: 21  
 CIRCUIT NO: 2CECNO6, 2CECN04, 2CECNO2

DRAWING REFERENCES

EE-11Y  
 ESK-7CEC01  
 LSK-32-09D  
 LSK-23-06C  
 LSK-09-01D  
 LSK-21-02B  
 ESK-7CEC14, SH. 1  
 LSK-33-02A  
 LSK-22-22  
 EE-3BE  
 147D7846, SH. 2

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL741 JB103	CCR	306	
2CEC-W056 2CEC*PNL873 PWS2-CECN06	CCR	306	POWER SUPPLY FOR CHART DRIVES & RECORDERS
2CEC*PNL873 2DER-FR101	CCR	306	LOSS OF DW EQUIP. DRAINS LEAK RATE RECORDER INDICATION
2CEC*PNL873 2DER-LR101/FR123	CCR	306	LOSS OF DW EQUIP DRN TANK 2DER-TK1 LEVEL RECORDER. LOSS OF DW EQUIP DRN PMP 3A/B FLOW RECORDER.
2CEC*PNL873 2DFR-FR106	CCR	306	LOSS OF DW FLR DRN LEAK RATE RECORDER.
2CEC*PNL873 2DFR-LR106/FR137	CCR	306	LOSS OF DW FLR DRN TANK 2DER-TK1 LVL RECORDER. LOSS OF DW FLR DRN P1A/B PUMP FLOW RATE RECORDER.
2CEC*PNL873 2CCP-FR266	CCR	306	LOSS OF RBCLCW FLOW TO DW UNIT COOLERS RECORDER.
2CEC*PNL603 2SSR-CR124/AR125	CCR	306	LOSS OF CRD PUMP DISCH SAMPLE CONDUCTIVITY RECORDER/LOSS OF CRD PUMP DISCH SAMPLE 02 CONC RECORDER
2CEC*PNL873 2CEC-LU101	CCR	306	LOSS OF DW FLR & EQP DRN LEAK RATE PROG CONTROLLER

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 37 OF 228

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THE UNIVERSITY OF CHICAGO



## DRAWING REFERENCES

EE-11Y  
ESK-7CEC01  
LSK-32-09D  
LSK-23-06C  
LSK-09-01D  
LSK-21-02B  
ESK-7CEC14, SH. 1  
LSK-33-02A  
LSK-22-22  
EE-3BE  
147D7846, SH. 2



**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 38 OF 228



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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 BKR NO: 22  
 CIRCUIT NO: 288TN54 -

DRAWING REFERENCES

ESK-788T01	PID-17A	EE-11Y
ESK-788T02	PID-17C	EE-3HE
ESK-788T03	PID-17E	0007.511-989-029
ESK-788T10	PID-17F	0007.511-989-030
LSK-21-1D	LSK-21-1G	

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SST-IPNL154	HB	250	LOSS OF POWER TO TURBINE PLANT SAMPLE PANEL 2SST-IPNL154 SEE ATTACHED

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 39 OF 228



UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB101  
 BKR NO: 22

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL154

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-122 LSK-21-1D		X		X	X			FC	LOW PRESSURE FDW HTR SAMPLE TEMP/LOSS OF CONTROL OF AOV151
2SST-126 LSK-21-1D		X		X	X			FC	6TH PT FDW HTR DISCHARGE SAMPLE TEMP/LOSS OF CONTROL OF AOV152
2SST-118 LSK-21-1D		X		X	X			FC	4TH PT FDW HTR SAMPLE TEMP/LOSS OF CONTROL OF AOV23A/B/C
2SST-156 LSK-21-1D		X		X	X			FC	AUX BOILER STM HDR SAMPLE TEMP/LOSS OF CONTROL OF AOV177
2SST-52A/B/C LSK-21-1D		X		X	X			FC	HTR DRAIN PUMP P1A/B/C DISCH SAMPLE TEMP/LOSS OF CONTROL OF AOV44A/B/C
2SST-136 LSK-21-1D		X		X	X			FC	MAIN STEAM SAMPLE TEMP/LOSS OF CONTROL OF AOV173
2SST-153 LSK-21-1D		X		X	X			FC	CLEAN STEAM REBOILER 2TME-E1A BLOWDOWN SAMPLE TEMP/LOSS OF CONTROL OF AOV174
2SST-165 LSK-21-1D		X		X	X			FC	CLEAN STEAM REBOILER 2TME-E1B BLOWDOWN SAMPLE TEMP/LOSS OF CONTROL OF AOV175

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 40 OF 228





UPS NO: 2VBB-UP81B  
 PNL NO: 2VBS-PNLB101  
 BKR NO: 22

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL154

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-283 LSK-21-1D		X		X	X				AUX BOILER FEEDPUMP DISCH HDR SAMPLE TEMP/LOSS OF CONTROL OF AOV176
2SST-291 LSK-21-1G		X		X	X			FC	5TH PT HTR DRAIN DISCH SAMPLE TEMP/LOSS OF CONTROL OF AOV61A/B/C
2SST-295 LSK-21-1G		X		X	X			FC	6TH PT HTR DRAIN DISCH SAMPLE TEMP/LOSS OF CONTROL OF AOV62A/B/C
2SST-299 LSK-21-1G		X		X	X			FC	MOISTURE SEP DRAIN RCVR SAMPLE TEMP/LOSS OF CONTROL OF AOV63A/B
2SST-303 LSK-21-1G		X		X	X			FC	MOISTURE SEP DRAIN RCVR SAMPLE TEMP/LOSS OF CONTROL OF AOV64A/B
2SST-L PID-17A							X		COND DMNRLZR INLET SMPLG TEMP IND/LOSS OF TI104
2SST-L PID-17A							X		COND DMNRLZR OUTLET SMPLG TEMP IND/LOSS OF TI110
2SST-L PID-17A							X		COM 6TH PT HTR SMPLG TEMP IND/LOSS OF TI127

UP81B

September 10, 1991

2VBB-UP81B LOAD LIST  
 DWG. NO. AE-1008  
 SHEET 41 OF 228



UPS NO: 2VBB-UP81B  
 PNL NO: 2VBS-PNLB101  
 BKR NO: 22

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL154

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-L PID-17C						X			2HDL-P1A/B/C DISCH SMPLG TEMP IND/LOSS OF TI55A/B/C
2SST-K PID-17E,F						X			MN COND A/B/C SHL WEST SMPLG TEMP IND/LOSS OF TI17A/B/C
2SST-K PID-17E,F						X			MN COND A/B/C SHL EAST SMPLG TEMP IND/LOSS OF TI18A/B/C



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

BKR NO: 23  
CIRCUIT NO: 28XSN10

DRAWING REFERENCES

EE-11Y  
ESK-108XS01  
ESK-108XS14

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
GETARS	CCR	306	LOSS OF GETARS

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 43 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

BKR NO: 24  
CIRCUIT NO: 28STN84

DRAWING REFERENCES

PID-17D  
EE-11Y  
EE-3HE  
0007.510-989-031  
ESK-0788T03

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SST-IPNL284 (TB-8, TB-9)	TB	250	LOSS OF TURBINE PLANT SAMPLE PANEL 2SST-IPNL284 INSTRUMENTATION, ANNUNCIATION AND POWER. SEE ATTACHMENT.

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 44 OF 228



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UPS NO: 2VBB-UP81B  
PNL NO: 2VB8-PNLB101

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL284

SKR NO: 24

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-C PID-17D						X			COND DMNRLZR 1A OUTLET SMPLG TEMP IND/LOSS OF TI10A
2SST-C PID-17D						X			COND DMNRLZR 1B OUTLET SMPLG TEMP IND/LOSS OF TI10B
2SST-C PID-17D						X			COND DMNRLZR 1C OUTLET SMPLG TEMP IND/LOSS OF TI10C
2SST-C PID-17D						X			COND DMNRLZR 1D OUTLET SMPLG TEMP IND/LOSS OF TI10D
2SST-C PID-17D						X			COND DMNRLZR 1E OUTLET SMPLG TEMP IND/LOSS OF TI10E
2SST-C PID-17D						X			COND DMNRLZR 1F OUTLET SMPLG TEMP IND/LOSS OF TI10F
2SST-C PID-17D						X			COND DMNRLZR 1G OUTLET SMPLG TEMP IND/LOSS OF TI10G
2SST-C PID-17D						X			COND DMNRLZR 1H OUTLET SMPLG TEMP IND/LOSS OF TI10H
2SST-C PID-17D						X			COND DMNRLZR 1J OUTLET SMPLG TEMP IND/LOSS OF TI10J
2SST-286 PID-17D		X		X	X		X	FC	TURB GEN GLND SEAL & EXHST STM SMPLG TEMP/LOSS OF CONTROL OF AOV287

UP81B

September 10, 1991

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 45 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES

EE-11Y  
ESK-10SXS18

BKR NO: 25  
CIRCUIT NO: 2SXS11

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
GETARS	CCR	306	LOSS OF GETARS

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100B  
SHEET 46 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

BKR NO: 26  
CIRCUIT NO: 2SSTN85

DRAWING REFERENCES

EE-11Y	PID-17A
EE-3HF	PID-17C
0007.510-989-105	PID-17D
0007.510-989-105	PID-17E
0007.510-989-108	PID-17F
0007.510-989-109	
0007.510-989-106	

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SST-IPNL285 PTB3-1, PTB3-2	TB	250	LOSS OF POWER TO PANEL 2SST-IPNL285 (TURBINE PLANT SAMPLE PANEL) RESULTING IN LOSS OF CONDUCTIVITY CELL ANNUNCIATION & INDICATION. SEE ATTACHMENT.

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 47 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL285

BKR NO: 26

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-113 LSK-21-1B		X		X	X	X	X		CNDS DMNRLZR OUTLET SAMPLE OXYGEN IND/LOSS OF AIT113
2SST-132 LSK-21-1C		X		X	X	X	X		COM 6TH PT HTR OUTLET SAMPLE OXYGEN IND/LOSS OF AIT132
2SST-133 LSK-21-1C		X		X	X	X	X		COM 6TH PT HTR OUTLET SAMPLE PH IND/LOSS OF AIT133
2SST-131 LSK-21-1B		X		X	X	X	X		COM 6TH PT HTR OUTLET SAMPLE CNDT IND/LOSS OF CIT131
2SST-114 LSK-21-1B		X		X	X	X	X		CNDS DMNRLZR OUTLET SAMPLE CNDT IND/LOSS OF CIT114
2SST-106 LSK-21-1A		X		X	X	X	X		CNDS DMNRLZR INLET SAMPLE CNDT IND/LOSS OF CIT106
2SST-53 LSK-21-1D		X		X	X		X		LP FDW HTR DRN PUMP 1A/1B/1C SMPL CNDT IND/LOSS OF CIT53A/B/C
2SST-22 LSK-21-1A		X		X	X		X		MN COND A/B/C SHELL EAST HLF CNDT IND/LOSS OF CIT22A/B/C
2SST-21 LSK-21-1A		X		X	X		X		MN COND A/B/C SHELL WEST HLF CNDT IND/LOSS OF CIT21A/B/C

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 48 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

PLANT IMPACT: LOSS OF POWER TO 2SST-IPNL285

BKR NO: 26

LOOP	PMS INDICATION	PMS ALARM	ERE INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SST-58 LSK-21-1E		X		X	X		X		CNDS DMNRLZR 1A THRU 1J EFFLUENT CNDT IND/LOSS OF CIT58A THRU 58J
2SST-50 LSK-21-1D		X		X	X	X	X		LP FDW HTR DRN PUMP 1A/1B/1C SMPL TURBIDITY IND/LOSS OF AIT50A/B/C
2SST-142 LSK-21-1C		X		X	X	X	X		CNDS DMNRLZR INLET SAMPLE TURBIDITY IND/LOSS OF AIT142

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 49 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES

EE-11Y  
ESK-108X816

BRK NO: 27  
CIRCUIT NO: 28X8N08

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
GETARS	CCR	306	LOSS OF GETARS

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 50 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES

EE-11Y  
ESK-108XS15

BKR NO: 28  
CIRCUIT NO: 28XSN07

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
GETARS	CCR	306	LOSS OF GETARS

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 51 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 29  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 52 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 30  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 53 OF 228

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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 31  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 54 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 32  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 55 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 33  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 56 OF 228



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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB101  
BKR NO: 34  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UP81B  
September 10, 1991

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 57 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 35  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 58 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 36  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 59 OF 228



BKR NO: 37  
CIRCUIT NO: 2IHAN02

EE-11Y  
ESK-10IHA40  
EE-3BA  
147D7845

UP81B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 60 OF 228





PNL NO: 2VB8-PNLB101

### DRAWING REFERENCES

**EE-11Y**

**ESK-10IHA40**

**ABKR NO: 38**

**CIRCUIT NO: 2IHAB07**

[illegible]

**UP81B**

**September 10, 1991**

## 2VBB-UP81B LOAD LIST

**DWG. NO. AE-100B**

**SHEET 61 OF 228**



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES

BKR NO: 39  
CIRCUIT NO: 2SWPN52

EE-11Y  
ESK-7SWP30 THRU 36  
LSK 9-10AB  
ESK 11SWP03

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SWP-MOV583	TB	319	2HVT-UC222B OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV586	TB	329	2HVT-UC221A&B, UC219 AND UC220 OUTLET VAC BKR. LOSS OF INDICATING LIGHTS. FAIL AS IS.
2SWP-MOV596	TB	303	CHILLER BUILDING VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV584	TB	319	2HVR-UC222C OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV587	TB	280	2HVT-UC216B OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV597	TB	301	CHILLER BUILDING VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV585	TB	320	2HVT-UC222A OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV588	TB	303	2HVT-UC225 OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV589	TB	323	2HVT-UC223A OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV591	TB	322	2HVT-UC222D OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 62 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101

DRAWING REFERENCES

BKR NO: 39  
CIRCUIT NO: 2SWPN52

EE-11Y  
ESK-78WP30 THRU 36  
LSK 9-10AB  
ESK 118WP03

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2SWP-MOV592	TB	319	2HVT-UC222E OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS
2SWP-MOV590	TB	329	2HVT-UC223B OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV593	TB	319	2HVT-UC223F OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV594	TB	294	2HVT-UC218E OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV598	SC	312	REACTOR BUILDING VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV595	SC	296	2HVT-UC217B OUTLET VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.
2SWP-MOV582	SC	312	REACTOR BUILDING VAC BKR. LOSS OF INDICATION LIGHTS. FAIL AS IS.

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 63 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB101  
BKR NO: 40  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 64 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 1  
CIRCUIT NO: N/A

### DRAWING REFERENCES

**EE-11Y 147D7829**

**EE-3CR**

**7.520-001-402**

[illegible]

**UP81B**

**September 10, 1991**

## 2VBB-UP81B LOAD LIST

DWG. NO. AE-100E

**SHEET 65 OF 228**

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EE-11Y  
E&DCR Z21002C  
E&DCR Z21003  
N2OP-763



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 66 OF 228

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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB102  
 BKR NO: 3  
 CIRCUIT NO: 2WCSN21

DRAWING REFERENCES

147D7829  
 7.212-001-012  
 EE-11Y  
 EE-3CR  
 7.520-001-402  
 7.520-001-403  
 7.224-001-035  
 7.224-001-020  
 1.764-001-021

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
2CEC*PNL704 JB406	CCR	306	
G33A-W022 2CEC-PNL613	CCR	306	
G33A-W001 2CEC*PNL602	CCR	306	
C51-W264 2CEC*PNL603	CCR	306	
B22A-W025 2CEC-PNL619	CCR	306	
B22A-W014 2CEC-PNL614	CCR	306	
K600-2WCSN21 120V PWR SUPPLY	CCR	306	PWR SUPPLY TO K1A & K1B-2WCSN21 VIA G33A-F4
K1A-2WCSN21 RELAY	CCR	306	LOSS OF ALARM RELAY PUMP INLET TEMP RWCU PUMP SEAL GLAND PLATE
K1B-2WCSN21 RELAY	CCR	306	LOSS OF ALARM RELAY PUMP INLET TEMP RWCU PUMP SEAL GLAND PLATE. SEE ATTACHED.

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 67 OF 228



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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB102  
 BKR NO: 3

PLANT IMPACT: LOSS OF POWER TO: POWER SUPPLY G33-K600

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
G33-R613A						X			RECORDER FOR RX WTR CLNUP FLTR DEMIN INFLUENT
G33-R613B						X			RECORDER FOR RX RECIRC INFLUENT A
G33-K601						X			CLEANUP SYS TEMP INDICATION
G33-N602	X	X		X		X	X		CONDUCTIVITY ALARM SWITCH FOR FLTR DEMIN INFLUENT
G33-N603A	X	X		X	X	X	X		CONDUCTIVITY ALARM FLTR A DEMIN EFFLUENT
G33-N603B	X	X		X	X	X	X		CONDUCTIVITY ALARM FLTR B DEMIN EFFLUENT
G33-N603C	X	X		X	X	X	X		CONDUCTIVITY ALARM FLTR C DEMIN EFFLUENT
G33-N603D	X	X		X	X	X	X		CONDUCTIVITY ALARM FLTR D DEMIN EFFLUENT
G33-SRU1						X			BOTTOM HEAD DRAIN FLOW INDICATION
G33-SRU1						X			REGEN HT EX INLET PRESS INDICATION
G33-R606								FC	2WCS-FV135 DUMP VLV MANUAL CONTROL
B22-K616		X		X		X			HEAD STUD CORE TEMP

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 68 OF 228





UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB102  
 BKR NO: 3

PLANT IMPACT: LOSS OF POWER TO: POWER SUPPLY G33-K600

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
B22-N606	X	X		X		X			FW TURBIDITY SWITCH-ALARM
B22-SRU1						X			B22-R605 SHUTDOWN RANGE REACTOR VESSEL LEVEL IND
B22-K617		X		X		X			BOTTOM HEAD TEMP
B22-K618		X		X		X			SHELL FLANGE TEMP
B22-K620		X		X		X			BOTTOM HEAD DRAIN TEMP
B22-N648		X		X		X			TEMP SWITCH FOR HEAD STUD CORE
B22-N649		X		X		X			TEMP SWITCH FOR BOTTOM HEAD
B22-N650		X		X		X			TEMP SWITCH FOR SHELL FLANGE
B22-N652		X		X		X			TEMP SWITCH FOR BOTTOM HEAD DRAIN
B22-R622						X			FW TURBIDITY RECORDER
B35-R614						X			RECIRC FLOW RECORDER
C51-R602						X			SRM RECORDER
C51-R603A						X			IRM/APRM RECORDER
C51-R603B						X			IRM/APRM RECORDER
C51-R603C						X			IRM/APRM/RBM RECORDER
C51-R603D						X			IRM/APRM/RBM RECORDER

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 69 OF 228

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EE-11Y  
EE-3AJ  
7.159-451-328  
7.159-451-327



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 70 OF 228





EE-11Y  
7.511-414-168

**7.511-414-168**

**SHEET 71 OF 228**





EE-11Y  
7.159-451-334



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 72 OF 228



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### DRAWING REFERENCES

EE-11Y  
EE-3HH  
7.511-989-110  
7.511-989-111

[illegible]

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 73 OF 228



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

PLANT IMPACT: LOSS OF POWER TO: 2SSR-INPL145

PMS INDICATION  
 PMS ALARM  
 ERF INPUT  
 CR ANNUNCIATION  
 LOCAL ANNUNCIATION  
 CR INDICATION  
 LOCAL INDICATION  
 VALVE POSITION

LOOP									DESCRIPTION/OTHER
2SSR-124 LSK-21-2B	X	X		X	X	X	X		CONTROL ROD DRIVE PUMP DISCH SAMPLE CONDUCTIVITY
2SSR-113 LSK-21-2A	X	X		X	X	X	X		REACTOR RECIRC INFLUENT A SAMPLE CONDUCTIVITY
2SSR-6A, B, C, D LSK-21-2A	X	X		X	X	X	X		RWCU FILTER DEMIN 4A, B, C, D OUTLET CONDUCTIVITY
2SSR-106 LSK-21-2A	X			X		X	X		RWCU FILTER DEMIN INFLUENT SAMPLE CONDUCTIVITY
2SFC-146 LSK-34-2D	X	X		X	X		X		SPENT FUEL POOL COOLING POOL CONDUCTIVITY
2SSR-AIT125 LSK-21-2B	X	X		X	X		X		CONTROL ROD DRIVE PUMP DISCH SAMPLE OXYGEN CONCENTRATION
2SSR-AIT14B LSK-21-2C	X	X		X	X	X	X		REACTOR RECIRC INFLUENT A SAMPLE OXYGEN
2SSR-AIT130 LSK-21-2B	X	X		X	X	X	X		RWCU FILTER DEMIN INFLUENT SAMPLE OXYGEN CONCENTRATION
2SSR-AIT156 LSK-21-2C	X	X		X	X		X		CONTROL ROD DRIVE COMMON FLTR DISCH TURBIDITY
2SSR-TIS9A, B LSK-21-2D		X		X	X		X		RHS HT EXCH E1A, 1B DISCH SAMPLE TEMP

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 74 OF 228



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PLANT IMPACT: LOSS OF POWER TO: 288R-IPNL145

**BKR NO: 7**

DESCRIPTION	LOCATION	STATUS	REMARKS
PMS INDICATION			
PMS ALARM			
ERF INPUT			
CR ANNUNCIATION			
LOCAL ANNUNCIATION			
CR INDICATION			
LOCAL INDICATION			
VALVE POSITION			

[illegible]

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 75 OF 228





1470-7827, SH 2  
EE-3CM, 3LM  
EE-11Y  
400B07-001, SH.4&6  
400B07-002, SH.4&6  
400B07-003, SH. 4&6  
400B07-004, SH. 4&6



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 76 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 9  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 77 OF 228





EE-1A, 3ER,	EE-11Y
EE-27B, 402R	EE-3AW
ESK-7DRS01	
ESK-11DRS01	
ESK-6DRS01,2,3&4	



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 78 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 11  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 12  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 13  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 81 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 14  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 15  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 83 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 16  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 84 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 17  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 85 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 18  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 86 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 19  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	<u>DEVICE LOCATION</u>		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 87 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 20  
CIRCUIT NO: N/A

DRAWING REFERENCES  
EE-11Y

FEED TO DEVICE	DEVICE LOCATION		PLANT IMPACT
	BLDG	ELEV	
SPARE			

UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 88 OF 228



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**CIRCUIT NO:N/A**

## EE-118

**EE-11Y**

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 89 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 22  
CIRCUIT NO: N/A

### DRAWING REFERENCES

**EE-118**

**EE-11Y**

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 90 OF 228



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### DRAWING REFERENCES

EE-118

**EE-11Y**



## 2VBB-UP81B LOAD LIST

**DWG. NO. AE-100E**

**SHEET 91 OF 228**



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## DRAWING REFERENCES

**EE-11Y**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 92 OF 228



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EE-118  
EE-3LE  
LSK-22-3M



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 93 OF 228



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EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 94 OF 228





EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 95 OF 228



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EE-118  
EE-3LE  
LSK-9-7E



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 96 OF 228



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EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 97 OF 228



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EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 98 OF 228



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EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 99 OF 228





EE-118  
EE-3TR  
LSK-31-1.21D



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 100 OF 228



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EE-118  
EE-3LE  
LSK-22-5R

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 101 OF 228



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EE-118  
EE-3LE  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 102 OF 228

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### DRAWING REFERENCES

EE-118  
EE-3LF  
LSK-22-5R



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 103 OF 228



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EE-118  
EE-3LF  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 104 OF 228







EE-118  
EE-3RV  
LSK-22-5R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 105 OF 228





EE-118  
EE-3TM  
LSK-31-3A



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 106 OF 228



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EE-118  
EE-3TM  
LSK-31-3A



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 107 OF 228



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BKR NO: 21  
 LIST PNL NO: 2VBS-PNLB107  
 BKR NO: 16  
 CIRCUIT NO: 2RU195

### DRAWING REFERENCES

EE-118  
EE-3TP  
LSK-22-58

[illegible]

UP81B

**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 108 OF 228







EE-118  
EE-3TP  
LSK-22-58



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 109 OF 228





EE-118  
EE-3TP  
LSK-22-58



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 110 OF 228



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EE-118  
EE-3TP  
LSK-22-58



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 111 OF 228



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### DRAWING REFERENCES

EE-118  
EE-3TA  
16.230-001-021  
16.230-001-022  
16.230-001-023



**September 11, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 112 OF 228



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UPS NO: 2VBB-UPS1B  
 PNL NO: 2VBS-PNLB102  
 DIST PNL NO: 2VBS-PNLB107  
 BKR NO: 20

PLANT IMPACT: LOSS OF POWER TO 2SSP-IPNL102

LOOP	PMS INDICATION	PMS ALARM	ERF INPUT	CR ANNUNCIATION	LOCAL ANNUNCIATION	CR INDICATION	LOCAL INDICATION	VALVE POSITION	DESCRIPTION/OTHER
2SSP-FI104						X			RHR SYSTEM SAMPLE RETURN FLOW
2SSP-PI1661						X			REACTOR COOLANT SAMPLE INLET PRESSURE
2SSP-PI1662						X			GAS COLLECTION CHAMBER PRESSURE
2SSP-PI1708						X			GAS SAMPLE BOTTLE PRESSURE
2SSP-TI1660						X			REACTOR COOLANT SAMPLE INLET TEMP
2SSP-TI1724						X			SAMPLE GAS INLET TEMP.
2SSP-CI1663						X			REACTOR COOLANT SAMPLE INLET CONDUCTIVITY
2SSP-RI1507						X			SAMPLE AREA RADIATION
2SSP-RI1665						X			SAMPLE RETURN RADIATION
2SSP-RI1704						X			IODINE CARTRIDGE RADIATION
2SSP-LS1717						X			GAS COOLER TRAP LEVEL

UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
 DWG. NO. AE-100E  
 SHEET 113 OF 228



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UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 114 OF 228





### DRAWING REFERENCES

EE-118  
EE-3TA  
EE-11FQ, ESK-7GSN01, LSK-14-1F



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 115 OF 228



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UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB102  
BKR NO: 21  
DIST PNL NO: 2VBS-PNLB107  
BKR NO: 21  
CIRCUIT NO: 2GSMN02

### DRAWING REFERENCES

EE-118  
EE-3TA  
EE-11FL, ESK-7MWS02, LSK-9-15

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UP81B

September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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UPS1B

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DWG. NO. AE-100E  
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EE-118  
EE-3TA  
EE-11FL, ESK-78SR02, LSK-21-2C



2VBB-UPS1B LOAD LIST  
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UPS1B

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2VBB-UPS1B LOAD LIST  
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### DRAWING REFERENCES

ESK-6HVW10  
LSK-22-5E  
EE-118  
EE-3TA



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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 121 OF 228



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### DRAWING REFERENCES

**EE-118**



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 122 OF 228





### DRAWING REFERENCES

**EE-118**



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2VBB-UPS1B LOAD LIST  
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2VBB-UPS1B LOAD LIST  
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**EE-118**



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 125 OF 228



**EE-118**



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 126 OF 228



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### DRAWING REFERENCES

EE-118

**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 127 OF 228



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NOTES:

1. Lose local horns, alarms & indicators.
2. Lose annunciator window & computer pt in control room.
3. RMS computer will have indication of microprocessor failure.
4. Lose local annunciator window.
5. Lose local recorders.

UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 128 OF 228



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EE-118  
EE-3RT  
LSK-22-3M



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-3RT  
LSK-22-3M



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-3RT  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

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**L8K-22-3M**



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 132 OF 228





### DRAWING REFERENCES

EE-118

EE-3RT

LSK-22-3M



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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-3RT  
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DWG. NO. AE-100E  
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EE-118  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
EE-3RT  
LSK-22-3M



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 137 OF 228

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EE-118  
EE-3RT  
LSK-22-3M



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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DWG. NO. AE-100E  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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2VBB-UPS1B LOAD LIST  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 142 OF 228

[illegible][illegible]

1990 年 10 月 10 日 星期四 第 10 卷 第 10 期 第 10 页



### DRAWING REFERENCES

EE-118

EE-3RT

**LSK-22-3M**



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
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10-11-1942

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DWG. NO. AE-100E  
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EE-3RT  
LSK-22-3M



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 145 OF 228





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2VBB-UPS1B LOAD LIST  
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2VBB-UPS1B LOAD LIST  
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EE-3RU  
LSK-22-9.1J



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 148 OF 228

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### DRAWING REFERENCES

EE-118

EE-3RU

**LSK-22-9.1J**

**September 11, 1991**

## 2VBB-UP81B LOAD LIST

DWG. NO. AE-100E

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EE-3TQ  
LSK-31-4F



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
EE-3TQ  
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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 152 OF 228

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EE-118  
EE-3TR  
LSK-2-1.1J

2VBB-UPS1B LOAD LIST  
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## EE-118

EE-3TP

**LSK-22-3Q**



**September 11, 1991**

DWG. NO. AE-100E

**SHEET 154 OF 228**





## EE-118



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 155 OF 228

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## EE-118



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 156 OF 228

100-111-10



NOTES:

1. LOSS OF LOCAL HORNS, ALARMS & INDICATORS
2. LOSS OF ANNUNCIATOR WINDOW & COMPTR PT IN CONTROL ROOM
3. RMS COMPUTER WILL HAVE INDICATION OF MICROPROCESSOR FAILURE
4. VALVE 20FG-AOV103 (OFFGAS TO THE STACK LINE) WILL LOSE THE AUTOMATIC CLOSE FUNCTION ON HIGH RADIATION
5. LOSS OF LOCAL ANNUNCIATOR WINDOW

UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 157 OF 228





DIST PNL NO: 2VBS-PNLB109  
BKR NO: 1  
CIRCUIT NO: 2RU108

### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3LF

[illegible]

**UP81B**

**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 158 OF 228

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EE-118  
LSK-22-1R  
EE-3LF



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 159 OF 228





EE-118  
LSK-22-1R  
EE-3LF

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DWG. NO. AE-100E  
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EE-118  
EE-3LF  
LSK-22-1R



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3LF



2VBB-UPS1B LOAD LIST  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3LF



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-22-1R  
EE-3LF



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 164 OF 228





EE-118  
LSK-22-1R  
EE-3RS

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-R22-1R  
EE-3TM



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 166 OF 228

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EE-118  
LSK-22-1R  
EE-3RS



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3R8

**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3R8



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 169 OF 228

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## DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3RS



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-22-1R  
EE-3RV



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-22-1R  
EE-3R8



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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$\Psi = \frac{1}{\sqrt{2}}(\psi_1 + i\psi_2)$ ,  $\Phi = \frac{1}{\sqrt{2}}(\psi_1 - i\psi_2)$ ,  $G_1 = \frac{1}{2}(G_+ + G_-)$ ,  $G_2 = \frac{1}{2}(G_+ - G_-)$ ,  $H_1 = \frac{1}{2}(H_+ + H_-)$ ,  $H_2 = \frac{1}{2}(H_+ - H_-)$ .





EE-118  
LSK-22-1R  
EE-3R8

2VBB-UPS1B LOAD LIST  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3RS



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2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-22-1R  
EE-3RU



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EE-118  
LSK-22-1R  
EE-3RU



2VBB-UPS1B LOAD LIST  
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### DRAWING REFERENCES

EE-118  
LSK-22-1R  
EE-3RS



**September 11, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-27-15G  
EE-3TQ



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 178 OF 228





### DRAWING REFERENCES

EE-118  
LSK-22-3M  
EE-3RU

[illegible]

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DWG. NO. AE-100E  
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EE-118  
LSK-9-1H  
EE-3TR

44. *Journal of American Studies*, 37 (2003), 1, 111–122.



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
LSK-9-1H  
EE-3TR



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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### DRAWING REFERENCES

EE-118  
LSK-34-2G  
EE-3TR



**September 11, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 182 OF 228



EE-118  
EE-3TP  
LSK-22-18



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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DIST PNL NO: 2VBS-PNLB109  
BKR NO: 27  
CIRCUIT NO: 2RU237

EE-118  
EE-3TP  
LSK-22-18

UP81B  
September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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EE-118  
EE-3TP  
LSK-22-18

*[Circular stamp]*



2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 185 OF 228





NOTES:

1. LOSE LOCAL HORNS, ALARMS AND INDICATORS
2. LOSE ANNUNCIATOR WINDOW AND COMPUTER PT. IN CONTROL ROOM
3. RMS COMPUTER WILL HAVE INDICATION OF MICROPROCESSOR FAILURE

UPS1B

September 11, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

DRAWING REFERENCES

EE-11BK

BKR NO: 1  
CIRCUIT NO: N/A

| FEED TO DEVICE | DEVICE LOCATION |      | PLANT IMPACT                  |
|----------------|-----------------|------|-------------------------------|
|                | BLDG            | ELEV |                               |
| RADIAX SYSTEM  |                 |      | PARTIAL LOSS OF RADIAX SYSTEM |
|                |                 |      |                               |
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UPS1B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

EE-11BK

**BKR NO: 2**  
**CIRCUIT NO: N/A**

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 188 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 3  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

**BKR NO: 4**  
**CIRCUIT NO: N/A**

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
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UP8 NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 5  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
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UP8 NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 7  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 193 OF 228





UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 8  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 194 OF 228



### DRAWING REFERENCES

**EE-11BK**

**BKR NO: 9**  
**CIRCUIT NO: N/A**

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 195 OF 228

1 2 3 4 5 6 7 8 9 10 11 12

13 14 15 16 17 18 19 20 21 22 23 24

25 26 27 28 29 30 31 32 33 34 35 36

UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 10  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 196 OF 228



UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 11  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 197 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BOOK NO: 12  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 198 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 13  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 199 OF 228



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UP8 NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 14  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 200 OF 228

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## DRAWING REFERENCES

**EE-11BK**

BKR NO: 15  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 201 OF 228





UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

EE-11BK

BKR NO: 16  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 202 OF 228



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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 17  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 203 OF 228

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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

IR NO: 18  
CIRCUIT NO: N/A

[illegible]

**UP81B**

September '10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 204 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 20  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 206 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

DRAWING REFERENCES

EE-11BK

BKR NO: 21  
CIRCUIT NO: N/A

| FEED TO DEVICE | DEVICE LOCATION |      | PLANT IMPACT                  |
|----------------|-----------------|------|-------------------------------|
|                | BLDG            | ELEV |                               |
| RADIAX SYSTEM  |                 |      | PARTIAL LOSS OF RADIAX SYSTEM |
|                |                 |      |                               |
|                |                 |      |                               |
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UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 207 OF 228



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2 2 2

UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 22  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 208 OF 228

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 23  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 209 OF 228



UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

EE-11BK

BKR NO: 24  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 210 OF 228



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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 25  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 211 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 26  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 212 OF 228



UP8 NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 27  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 213 OF 228



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• 4.4.2.2



























PKR NO: 28  
CIRCUIT NO: N/A

**EE-11BK**

UP81B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 214 OF 228



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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 29  
CIRCUIT NO: N/A

UP81B  
September 10, 1991

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 215 OF 228

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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 30  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 216 OF 228

5 May 1964

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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

PKR NO: 31  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 217 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

DRAWING REFERENCES

EE-11BK

BKR NO: 32  
CIRCUIT NO: N/A

| FEED TO DEVICE | DEVICE LOCATION |      | PLANT IMPACT                  |
|----------------|-----------------|------|-------------------------------|
|                | BLDG            | ELEV |                               |
| RADIAX SYSTEM  |                 |      | PARTIAL LOSS OF RADIAX SYSTEM |
|                |                 |      |                               |
|                |                 |      |                               |
|                |                 |      |                               |
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UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 218 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

EE-11BK  
E&DCR Y03801D

BKR NO: 33  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 219 OF 228



UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

DRAWING REFERENCES

EE-11BK  
EE-11X

BKR NO: 34  
CIRCUIT NO: N/A

| FEED TO DEVICE | DEVICE LOCATION |      | PLANT IMPACT |
|----------------|-----------------|------|--------------|
|                | BLDG            | ELEV |              |
| 2LAC-PNLU04    | CCR             | 261  | N/A          |
|                |                 |      |              |
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UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 220 OF 228



UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

BKR NO: 35  
CIRCUIT NO: N/A

EE-11BK  
E&DCR Y03801D

[illegible]

UPS1B

September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 221 OF 228



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BKR NO: 36  
CIRCUIT NO: N/A

EE-11BK  
EE-11X

UP81B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E "  
SHEET 222 OF 228





UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

BKR NO: 37  
CIRCUIT NO: N/A

EE-11BK  
E&DCR Y03801D

[illegible]

UP81B  
September 10, 1991

2VBB-UP81B LOAD LIST  
DWG. NO. AE-100E  
SHEET 223 OF 228



**BKR NO: 38**  
**CIRCUIT NO: N/A**

EE-11BK  
EE-11X

[illegible]

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 224 OF 228



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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 39  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 225 OF 228

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UPS NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 40  
CIRCUIT NO: N/A

[illegible]

UP81B  
September 10, 1991

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 226 OF 228





UP8 NO: 2VBB-UP81B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 41  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
SHEET 227 OF 228

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UPS NO: 2VBB-UPS1B  
PNL NO: 2VBS-PNLB111

### DRAWING REFERENCES

**EE-11BK**

BKR NO: 42  
CIRCUIT NO: N/A

[illegible]

**UP81B**

**September 10, 1991**

2VBB-UPS1B LOAD LIST  
DWG. NO. AE-100E  
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