

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
<u>A. 6900 VAC</u>			
152-11	152-13, or 152-14, or 152-15	Switchgear 2H1	RCP 2P32A
152-12	152-13, or 152-14, or 152-15	Switchgear 2H1	RCP 2P32D
152-21	152-23, or 152-24, or 152-25	Switchgear 2H2	RCP 2P32B
152-22	152-23, or 152-24, or 152-25	Switchgear 2H2	RCP 2P32C
<u>B. 480 VAC</u>			
52-131	None, circuit shall not be energized unless plant is shutdown	2B1	Containment Building Crane 2LM2
52-523	52-512	2B5	Pressurizer Proportional Heater Bank 1
52-533	52-512	2B5	Hydrogen Recombiner 1
52-623	52-612	2B6	Pressurizer Proportional Heater Bank 2

ARKANSAS - UNIT 2

3/4 8-13

Amendment No. 38

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TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-633	52-612	2B6	Hydrogen Recombiner 2
52-731	52-732	2B7	MCC 2B71
52-824	52-823	2B8	MCC 2B81
52-922	52-912	2B9	Pressurizer Backup Heater Bank 3
52-923	52-912	2B9	Pressurizer Backup Heater Bank 5
52-1022	52-1012	2B10	Pressurizer Backup Heater Bank 4
52-1023	52-1012	2B10	Pressurizer Backup Heater Bank 6
<u>C. 480 VAC MCC</u>			
52-51A4	52-51H2	MCC 2B51	Reactor Cavity Cooling Fan 2VSF34A-1
52-51B2	52-51H3	MCC 2B51	Containment Sump Isolation MOV2CV-2060-1
52-51D3	52-51H4	MCC 2B51	Containment Recirculating Fan 2VSF31A-1

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-51D4	52-51H5	MCC 2B51	Containment Recirculating Fan 2VSF31C-1
52-51E2	52-51H6	MCC 2B51	Reactor Drain Tank Drain Iso. Valve 2CV-2201-
52-51E4	52-51C1	MCC 2B51	Pressurizer Relief Valve Isolation 2CV-4730-1
52-51F1	52-51H7	MCC 2B51	RCP Controlled Bleedoff Iso. Valve 2CV- 4846-1
52-51F2	52-51H8	MCC 2B51	Safety Injection Tank 2T2A Discharge MOV 2CV-5003-1
52-51G2	52-51L2	MCC 2B51	Shutdown Cooling Return Header Iso. Valve 2CV- 5084-1
52-51G3	52-51H9	MCC 2B51	Check Valve Leakage Drain Valve 2CV- 5105-1
52-51H1	52-51L3	MCC 2B51	Safety Injection Tank 2T2B Discharge MOV 2CV-5023-1

TABLE 3.8-1 (Continued)
CONTAINMENT PENETRATION OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-51K1	52-51L4	MCC 2B51	Containment Sump Isola- tion MOV 2CV-5647-1
52-51K2	52-51J4	MCC 2B51	Pressurizer Relief Iso. Vlv. 2CV-4741-1

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-51K3	52-51L5	MCC 2B51	Containment Air Purge Isolation Valve 2CV- 8289-1
52-51K4	52-51L6	MCC 2B51	Containment Air Purge Isolation Valve 2CV- 8291-1
52-51L1	52-51L7	MCC 2B51	Containment Vent Header Isolation Valve 2CV- 2401-1
52-51M1	52-51L8	MCC 2B51	Regenerative Heat Exchanger Inlet Valve 2CV-4821-1
52-51N3	52-51L9	MCC 2B51	Reactor Cavity Cooling Fan Bypass Damper 2HCD8243-1
52-53G1	52-53A5	MCC 2B53	Containment Cooling Fan Bypass Damper Motor 2UCDM8203-1
52-53G2	52-53A6	MCC 2B53	Containment Cooling Fan Bypass Damper Motor 2UCDM8209-1
52-53H3	52-53H2	MCC 2B53	Pressurizer Spray Valve 2CV-4652

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-53L1	52-53K5	MCC 2B53	Containment Cooling Fan 2VSF1A
52-53L2	52-53K6	MCC 2B53	Containment Cooling Fan 2VSF1B

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-54G2	52-54C5	MCC 2B54	H ₂ Purge Containment Iso. Valve 2CV-8233-1
52-54G3	52-54B4	MCC 2B54	H ₂ Purge Containment Iso. Valve 2CV-8259-2
52-54J2	52-54J3	MCC 2B54	Containment Elevator Motor 2MM6
52-54K2	52-54J4	MCC 2B54	Containment Building Lighting Panel 27 LA
52-54K3	52-54J8	MCC 2B54	RCP 2P3A Oil Lift Pumps 2P63A1 & A2
52-54K4	52-54F3	MCC 2B54	RCP 2P32B Oil Lift Pumps 2P63B1 & B2
52-61A4	52-61H3	MCC 2B61	Reactor Cavity Cooling Fan 2VSF34B-2
52-61D3	52-61H4	MCC 2B61	Containment Recirculating Fan 2VSF31B-2
52-61D4	52-61H5	MCC 2B61	Containment Recirculating Fan 2VSF31D-2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-61F2	52-61H6	MCC 2B61	Safety Inject. Tank 2T2C Discharge MOV 2CV-5043-2
52-61G2	52-61K8	MCC 2B61	Check Valve Leakage Drain Valve 2CV-5106-2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-61G3	52-61H7	MCC 2B61	Reactor Coolant System Charging Line MOV 2CV-4831-2
52-61G4	52-61H8	MCC 2B61	Reactor Coolant System Charging Line MOV 2CV-4827-2
52-61H1	52-61K3	MCC 2B61	Safety Inj. Tank 2T2D Dis. MOV 2CV-5063-2
52-61H2	52-61K7	MCC 2B61	Containment Sump Iso. MOV 2CV-5648-2
52-61L2	52-61D2	MCC 2B61	Pressurizer Relief Iso. Vlv. 2CV-4731-2
52-61L3	52-61K4	MCC 2B61	Letdown Line Stop Valve 2CV-4820-2
52-61L4	52-61L1	MCC 2B61	Pressurizer Spray Vlv. 2CV-4651
52-61N2	52-61K6	MCC 2B61	Reactor Cavity Cooling Fan Damper 2HCD 8244-2
52-62E5	52-62C2	MCC 2B62	Shutdown Cooling Return Header Iso. Valve 2CV-5086-2

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-63F2	52-63E1	MCC 2B63	Containment Chilled Water Isol. Valve 2CV-3850-2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
52-63G4	52-63E2	MCC 2B63	RCP Cooler Iso. Valve 2CV-5254-2
52-63L1	52-63J1	MCC 2B63	Containment Cooling Fan 2VSF1C
52-63L2	52-63J2	MCC 2B63	Containment Cooling Fan 2VSF1D
52-64D4	52-64B3	MCC 2B64	Containment Cooling Fan Bypass Damper Motor 2UCDM 8216-2
52-64E3	52-64B4	MCC 2B64	Pressurizer Auxiliary Spray MOV 2CV-4824-2
52-64E4	52-64C2	MCC 2B64	Containment Cooling Fan Bypass Damper Motor 2UCDM 8222-2
52-64J1	52-64B1	MCC 2B64	RCP 2P32C Oil Lift Pumps 2P63C1 & C2
52-64K1	52-64H2	MCC 2B64	RCP 2P32D Oil Lift Pumps 2P63D1 & D2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

Primary Device Number	Backup Device Number	Location of Devices	System Powered
<u>D. 480/277</u>			
21PA-19	52-15C1	Primary -21PA Backup -2B15	Space Heater for RCP 2P32A
21PA-25	52-15C1	Primary -21PA Backup -2B15	Space Heater for RCP 2P32B
21PA-31	52-15C1	Primary -21PA Backup -2B15	Space Heater for RCP 2P32C
21PA-20	52-15C1	Primary -21PA Backup -2B15	Space Heater for RCP 2P32D
<u>E. 125 VDC</u>			
72-0318	72-0320	DC Control Center 2D03	Containment Bldg 125 VDC Lighting Panel 22DA
72-26A3	72-26A2	DC MCC 2D26	Pressurizer Vent Valve 2CV-4740-2
72-27A3	72-27A2	DC MCC 2D27	Pressurizer Vent Valve 2CV-4698-1
<u>F. 240 VAC</u>			
CEA 1	CB3021	2C72	CEA 1
CB101	& CB3022		