

DUKE POWER COMPANY  
SELECTED LICENSEE COMMITMENTS MANUAL

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TABLE 16.8-1A

UNIT 1 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
1EMXL-F10B Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 1NC251B
1EMXL-F10C Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 1NC252B
1EMXL-F11A Primary Bkr Backup Fuse	Containment Air Return Fan Motor 1B
1EMXL-F11B Primary Bkr Backup Fuse	Hydrogen Skimmer Fan Motor 1B
1EMXS-F01B Primary Bkr Backup Fuse	NC Pumps Seal Rtn Inside Cont Isol Vlv 1NV89A
1EMXS-F02A Primary Bkr Backup Fuse	ND Pump 1B Suction from NC Loop C Vlv 1ND37A
1EMXS-F02B Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 1NC250A
1EMXS-F03D Primary Bkr Backup Fuse	ND Pump 1A Suction from NC Loop B Vlv 1ND2A
1EMXS-F03E Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 1NC253A
1EMXS-F04B Primary Bkr Backup Fuse	S/G 1D Blowdown Inside Cont Isol Vlv 1BB8A
1EMXS-F04C Primary Bkr Backup Fuse	S/G 1B Blowdown Inside Cont Isol Vlv 1BB19A

**TABLE 16.8-1A**  
**UNIT 1 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
1MXP-F01B Primary Bkr Backup Fuse	Incore Instrument Tunnel Booster Fan Motor 1B
1MXP-F02B Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 1B
1MXP-F03A Primary Bkr Backup Fuse	Lower Containment Ventilation Unit 1B Fan Motor
1MXP-F04D Primary Bkr Backup Fuse	Upper Containment Ventilation Unit 1B Fan Motor
1MXP-F05C Primary Bkr Backup Fuse	Containment Pipe Tunnel Booster Fan Motor 1B
1MXQ-F01A Primary Bkr Backup Fuse	Upper Containment Return Air Fan Motor 1A
1MXQ-F01B Primary Bkr 1A Fan Motor	Incore Instrument Room Ventilation Unit Unit 1A Fan Motor
1MXQ-F02B Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 1C
1MXQ-F03A Primary Bkr Backup Fuse	Lower Containment Ventilation Unit 1A Fan Motor
1MXQ-F04C Primary Bkr Backup Fuse	Upper Containment Ventilation Unit 1A Fan Motor
1MXR-F01A Primary Bkr Backup Fuse	Upper Containment Return Air Fan Motor 1D

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
1. 6900 VAC Swgr	
Primary Bkr RCP2A Backup Bkr 2TA-3	Reactor Coolant Pump 2A
Primary Bkr RCP2B Backup Bkr 2TB-3	Reactor Coolant Pump 2B
Primary BKR RCP2C Backup Bkr 2TC-3	Reactor Coolant Pump 2C
Primary BKR RCP2D Backup Bkr 2TD-3	Reactor Coolant Pump 2D
2. 600 VAC MCC	
2EMXC-F01B Primary Bkr Backup Fuse	Accumulator 2C Discharge Isol Vlv 2NI76A
2EMXC-F01C Primary Bkr Backup Fuse	Check Valve Test Header Cont Isol Vlv 2NI95A
2EMXC-F02A Primary Bkr Backup Fuse	Train A Alternate Power To ND LTDN Vlv 2ND1B
2EMXC-F02B Primary Bkr Backup Fuse	Hot Leg Inj. Check Vlv Test Isol Vlv 2NI153A
2EMXC-F02C Primary Bkr Backup Fuse	Cont Isol at 134.Deg Annulus Area Vlv 2VI312A
2EMXC-F03A Primary Bkr Backup Fuse	NC Pump 2C Thermal Barrier Outlet Isol Vlv 2KC345A
2EMXC-F03B Primary Bkr Backup Fuse	N2 to Prt Cont Isol Inside Vlv 2NC54A
2EMXC-F03C Primary Bkr Backup Fuse	Pressurizer Power-Operated Relief Isol Vlv 2NC33A

**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2EMXC-F05A Primary Bkr Backup Fuse	NCDT Vent Inside Cont Isol Vlv 2WL450A
2EMXC-F05B Primary Bkr Backup Fuse	Cont Sump Pumps Discharge Inside Cont Isol Vlv 2WL825A
2EMXC-F05C Primary Bkr Backup Fuse	Vent Unit Cond Drn Tank Outside Cont Isol Vlv 2WL867A
2EMXC-F06A Primary Bkr Backup Fuse	NCDT Pumps Disch Inside Cont Isol Vlv 2WL805A
2EMXC-F07B Primary Bkr Backup Fuse	Cont H2 Purge Outlet Cont Isol Vlv 2VY17A
2EMXD-F01A Primary Bkr Backup Fuse	ND Pump 2A Suction From NC Loop B Vlv 2ND1B
2EMXD-F01B Primary Bkr Backup Fuse	Accumulator 2B Discharge Isol Vlv 2NI65B
2EMXD-F01C Primary Bkr Backup Fuse	NI Pump A to Hot Leg Check Vlv Test Isol Vlv 2NI122B
2EMXD-F02A Primary Bkr Backup Fuse	ND Pump 2B Suction from NC Loop C Vlv 2ND36B
2EMXD-F02B Primary Bkr Backup Fuse	ND to Hot Legs Chk 2NI125, 2NI129 Test Isol Vlv 2NI154B



TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2EMXD-F02C Primary Bkr Backup Fuse	Pressurizer Power-Operated Relief Isol Vlv 2NC31B	
2EMXD-F05A Primary Bkr Backup Fuse	Pressurizer Power-Operated Relief Isol Vlv 2NC35B	
2EMXD-F05B Primary Bkr Backup Fuse	Rx Bldg Drain Hdr Inside Cont Isol Vlv 2KC429B	
2EMXD-F05C Primary Bkr Backup Fuse	NCDT Hx Cing Water Return Inside Isol Vlv 2KC332B	
2EMXD-F06A Primary Bkr Backup Fuse	NC Pump 2E Thermal Barrier Outlet Isol Vlv 2KC364B	
2EMXD-F06B Primary Bkr Backup Fuse	NC Pumps Rtn Hdr Inside Cont Isol Vlv 2KC424B	
2EMXK-F01A Primary Bkr Backup Fuse	UHI Check Vlv Test Line Inside Cont Isol Vlv 2NI266A	*Note 1
2EMXK-F01B Primary Bkr Backup Fuse	Upper Cont Vent Units Return Cont Isol Vlv 2RN429A	
2EMXK-F01C Primary Bkr Backup Fuse	Backup N <sub>2</sub> to PORV 2NC34A From Accum Tnk 2A Vlv 2NI438A	
2EMXK-F02A Primary Bkr Backup Fuse	NC Pump 2A Thermal Barrier Outlet Isol Vlv 2KC394A	
2EMXK-F02B Primary Bkr Backup Fuse	Lower Cont Vent Units Return Cont Isol Vlv 2RN484A	

Note 1: Upon removal of cable from power source associated with the deletion of UHI, this specification is no longer applicable.

TABLE 16.8-1B

## UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

## DEVICE NUMBER &amp; LOCATION

## SYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2EMXK-F02C

Primary Bkr  
Backup FuseNV Supply to Pressurizer Vlv  
2NV037A

2EMXK-F03A

Primary Bkr  
Backup FuseS/G C Blowdown Line Sample  
Inside Cont Isol Vlv 2NM210A

2EMXK-F04A

Primary Bkr  
Backup FuseS/G A Upper Shell Sample Inside  
Cont Isol Vlv 2NM187A

2EMXK-F04B

Primary Bkr  
Backup FuseS/G A Blowdown Line Sample  
Inside Cont Isol Vlv 2NM190A

2EMXK-F04C

Primary Bkr  
Backup FuseS/G C Upper Shell Sample  
Inside Cont Isol Vlv 2NM207A

2EMXK-F06A

Primary Bkr  
Backup FuseHydrogen Skimmer Fan 2A  
Inlet Vlv 2VX1A

2EMXK-F07C

Primary Bkr  
Backup FuseElectric Hydrogen Recombiner  
Power Supply Panel 2A

2EMXK-F09A

Primary Bkr  
Backup FuseAccumulator 2A Discharge Isol  
Vlv 2NI54A

2EMXK-F09B

Primary Bkr  
Backup FuseUHI Check Vlv Test Line Inside  
Cont Isol Vlv 2NI267A

\*Note 1

2EMXK-F09C

Primary Bkr  
Backup FuseNC Pump Oil Fill Header  
Cont Isol Vlv 2NC196A

Note 1: Upon removal of cable from power source associated with the deletion of UHI, this specification is no longer applicable.

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2EMXK-F10A Primary Bkr Backup Fuse	Containment Air Return Damper 2ARF-D-2
2EMXK-F10B Primary Bkr Backup Fuse	VQ Fans Suction From Containment Isol Vlv 2VQ2A
2EMXK-F10C Primary Bkr Backup Fuse	Cont Air Addition Containment Isol Vlv 2VQ16A
2EMXK-F11A Primary Bkr Backup Fuse	Containment Air Return Fan Motor 2A
2EMXK-F11B Primary Bkr Backup Fuse	Hydrogen Skimmer Fan Motor 2A
2EMXL-F01B Primary Bkr Backup Fuse	Trn B Alternate Power to ND Letdn Vlv 2ND37A
2EMXL-F01C Primary Bkr Backup Fuse	NI Accum D Sample Line Inside Cont Isol Vlv 2NM81B
2EMXL-F02A Primary Bkr Backup Fuse	NC Pump 2D Thermal Barrier Outlet Isol Vlv 2KC413B
2EMXL-F02B Primary Bkr Backup Fuse	Air Handling units Glycol Return Cont Isol Vlv 2NF233B
2EMXL-F02C Primary Bkr Backup Fuse	NI Accum C Sample Line Inside Cont Isol Vlv 2NM78B
2EMXL-F03A Primary Bkr Backup Fuse	S/G D Blowdown Sample Line Inside Cont Isol Vlv 2NM220B

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2EMXL-F03B Primary Bkr Backup Fuse	NI Accum A Sample Line Inside Cont Isol Vlv 2NM72B
2EMXL-F03C Primary Bkr Backup Fuse	NI Accum B Sample Line Inside Cont Isol Vlv 2NM75B
2EMXL-F04A Primary Bkr Backup Fuse	S/G B Upper Shell Sample Inside Cont Isol Vlv 2NM197B
2EMXL-F04B Primary Bkr Backup Fuse	S/G B Blowdown Sample Line Inside Cont Isol Vlv 2NM200B
2EMXL-F04C Primary Bkr Backup Fuse	S/G D Upper Shell Sample Inside Cont Isol Vlv 2NM217B
2EMXL-F06A Primary Bkr Backup Fuse	Hydrogen Skimmer Fan 2B Inlet Vlv 2VX2B
2EMXL-F06B Primary Bkr Backup Fuse	Backup N2 to PORV 2NC32B from Accum Tnk 2B Vlv 2NI439B
2EMXL-F07C Primary Bkr Backup Fuse	Electric Hydrogen Recombiner Power Supply Panel 2B
2EMXL-F09A Primary Bkr Backup Fuse	Accumulator 2D Discharge Isol Vlv 2NI88B
2EMXL-F10A Primary Bkr Backup Fuse	Containment Air Return Damper 2ARF-D-4

**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2EMXL-F10B Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 2NC251B
2EMXL-F10C Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 2NC252B
2EMXL-F11A Primary Bkr Backup Fuse	Containment Air Return Fan Motor 2B
2EMXL-F11B Primary Bkr Backup Fuse	Hydrogen Skimmer Fan Motor 2B
2EMXS-F01B Primary Bkr Backup Fuse	NC Pumps Seal Rtn Inside Cont Isol Vlv 2NV89A
2EMXS-F02A Primary Bkr Backup Fuse	ND Pump 2B Suction from NC Loop C Vlv 2ND37A
2EMXS-F02B Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 2NC250A
2EMXS-F03D Primary Bkr Backup Fuse	ND Pump 2A Suction from NC Loop B Vlv 2ND2A
2EMXS-F03E Primary Bkr Backup Fuse	Reactor Vessel Head Vent Vlv 2NC253A
2EMXS-F04B Primary Bkr Backup Fuse	S/G 2D Blowdown Inside Cont Isol Vlv 2BB8A
2EMXS-F04C Primary Bkr Backup Fuse	S/G 2B Blowdown Inside Cont Isol Vlv 2BB19A

TABLE 16.8-1B

## UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

## DEVICE NUMBER &amp; LOCATION

## SYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2EMXS-F05A Primary Bkr Backup Fuse	S/G 2A Blowdown Inside Cont Isol Vlv 2BB56A
2EMXS-F05B Primary Bkr Backup Fuse	S/G 2C Blowdown Inside Cont Isol Vlv 2BB60A
2EMXS-F05C Primary Bkr Backup Fuse	Pzr Liquid Sample Line Inside Cont Isol Vlv 2NM3A
2EMXS-F06A Primary Bkr Backup Fuse	Pzr Steam Sample Line Inside Cont Isol Vlv 2NM6A
2EMXS-F06B Primary Bkr Backup Fuse	NC Hot Leg A Sample Line Inside Cont Isol Vlv 2NM22A
2EMXS-F06C Primary Bkr Backup Fuse	NC Hot Leg C Sample Line Inside Cont Isol Vlv 2NM25A
2MXM-F01A Primary Bkr Backup Fuse	Reactor Coolant Pump Motor Drain Tank Pump Motor
2MXM-F02A Primary Bkr Backup Fuse	NC Pump 2B Oil Lift Pump Motor 1
2MXM-F02B Primary Bkr Backup Fuse	NC Pump 2C Oil Lift Pump Motor 1
2MXM-F03A Primary Bkr Backup Fuse	Ice Condenser Power Transformer ICT2A
2MXM-F03B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B6 Fan Motor A & B

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXM-F03C Primary Bkr Backup Fuse	Ice Condenser Equipment Access Door Hoist Motor 2A
2MXM-F04D Primary Bkr Backup Fuse	Lighting Transformer 2LR10
2MXM-F04E Primary Bkr Backup Fuse	Lighting Transformer 2LR13
2MXM-F05A Primary Bkr Backup Fuse	175 Ton Polar Crane and 25 Ton Aux Crane No. R014 and R016
2MXM-F05C Primary Bkr Backup Fuse	Upper Containment Welding Feeder
2MXM-F06A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A7 Fan Motor A & B
2MXM-F06B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B8 Fan Motor A & B
2MXM-F06C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A9 Fan Motor A & B
2MXM-F06D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B10 Fan Motor A & B
2MXM-F07B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A13 Fan Motor A & B
2MXM-F07C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B14 Fan Motor A & B

**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXM-F08D Primary Bkr Backup Fuse	Ice Condenser Refrigeration Floor Cool Defrost Heater 2A
2MXM-F09A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A1 Fan Motor A & B
2MXM-F09B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B2 Fan Motor A & B
2MXM-F09C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A3 Fan Motor A & B
2MXM-F09D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B4 Fan Motor A & B
2MXM-F10A Primary Bkr Backup Fuse	Containment Floor and Equipment Sump Pump Motor 2A1
2MXM-F10B Primary Bkr Backup Fuse	Containment Floor and Equipment Sump Pump Motor 2B1
2MXN-F01F Primary Bkr Backup Fuse	Stud Tensioner Hoist 2B
2MXN-F02A Primary Bkr Backup Fuse	NC Pump 2B Oil Lift Pump Motor 2
2MXN-F02B Primary Bkr Backup Fuse	NC Pump 2C Oil Lift Pump Motor 2
2MXN-F02E Primary Bkr Backup Fuse	Stud Tensioner Hoist 2C



**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXN-F03A Primary Bkr Backup Fuse	Ice Condenser Power Transformer ICT2B
2MXN-F03B Primary Bkr Backup Fuse	Ice Condenser Bridge Crane 2 Crane No. R012
2MXN-F03E Primary Bkr Backup Fuse	Stud Tensioner Hoist 2A
2MXN-F04D Primary Bkr Backup Fuse	Lighting Transformer 2LR5
2MXN-F04E Primary Bkr Backup Fuse	Lighting Transformer 2LR6
2MXN-F05A Primary Bkr Backup Fuse	Ice Condenser Refrigeration Floor Cool Defrost Heater 2B
2MXN-F05B Primary Bkr Backup Fuse	Ice Condenser Refrigeration Floor Cool Pump Motor 2B
2MXN-F05C Primary Bkr Backup Fuse	Ice Condenser Equipment Access Door Hoist Motor 2B
2MXN-F06A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B1 Fan Motor A & B
2MXN-F06B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A2 Fan Motor A & B
2MXN-F06C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B3 Fan Motor A & B

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 1. 600 VAC MCC (Continued)

2MXN-F06D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A4 Fan Motor A & B
2MXN-F07B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B5 Fan Motor A & B
2MXN-F07C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A6 Fan Motor A & B
2MXN-F08A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B7 Fan Motor A & B
2MXN-F08B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A8 Fan Motor A & B
2MXN-F08C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B9 Fan Motor A & B
2MXN-F08D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A10 Fan Motor A & B
2MXN-F09A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B11 Fan Motor A & B
2MXN-F09B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A12 Fan Motor A & B
2MXN-F09C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B13 Fan Motor A & B
2MXN-F09D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A14 Fan Motor A & B

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXN-F10A Primary Bkr Backup Fuse	Containment Floor and Equipment Sump Pump Motor 2A2
2MXN-F10B Primary Bkr Backup Fuse	Containment Floor and Equipment Sump Pump Motor 2B2
2MXN-F10C Primary Bkr Backup Fuse	Incore Instrumentation Sump Pump Motor 2
2MXN-F10D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B15 Fan Motor A & B
2MXO-F01A Primary Bkr Backup Fuse	Upper Containment Air Return Fan Motor 2C
2MXO-F02B Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2A
2MXO-F03A Primary Bkr Backup Fuse	Lower Containment Ventilation Unit 2C Fan Motor
2MXO-F04C Primary Bkr Backup Fuse	Upper Containment Ventilation Unit 2C Fan Motor
2MXO-F05C Primary Bkr Backup Fuse	Containment Pipe Tunnel Booster Fan Motor 2A
2MXP-F01A Primary Bkr Backup Fuse	Upper Containment Return Air Fan 2B

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2MXP-F02B  
Primary Bkr  
Backup Fuse

Control Rod Drive Vent  
Fan Motor 2B

2MXP-F03A  
Primary Bkr  
Backup Fuse

Lower Containment Ventilation  
Unit 2B Fan Motor

2MXP-F04D  
Primary Bkr  
Backup Fuse

Upper Containment Ventilation  
Unit 2B Fan Motor

2MXP-F05C  
Primary Bkr  
Backup Fuse

Containment Pipe Tunnel  
Booster Fan Motor 2B

2MXQ-F01A  
Primary Bkr  
Backup Fuse

Upper Containment Return  
Air Fan Motor 2A

2MXQ-F01B  
Primary Bkr  
Fuse

Incore Instrument Room Ventilation Unit 2A Fan Motor Backup

2MXQ-F02B  
Primary Bkr  
Backup Fuse

Control Rod Drive Vent Fan  
Motor 2C

2MXQ-F03A  
Primary Bkr  
Backup Fuse

Lower Containment Ventilation  
Unit 2A Fan Motor

2MXQ-F04C  
Primary Bkr  
Backup Fuse

Upper Containment Ventilation  
Unit 2A Fan Motor

2MXR-F01A  
Primary Bkr  
Backup Fuse

Upper Containment Return Air  
Fan Motor 2D

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2MXR-F01B Primary Bkr Fuse	Incore Instrument Room Ventila Backup tion Unit 2B Fan Motor
2MXR-F02B Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2D
2MXR-F03A Primary Bkr Backup Fuse	Lower Containment Ventilation Unit 2D Fan Motor
2MXR-F04C Primary Bkr Backup Fuse	Upper Containment Ventilation Unit 2D Fan Motor
2MXY-F02A Primary Bkr Backup Fuse	NC Pump 2A Oil Lift Pump Motor 1
2MXY-F02B Primary Bkr Backup Fuse	NC Pump 2D Oil Lift Pump Motor 1
2MXY-F02C Primary Bkr Backup Fuse	Reactor Building Lower Containment Welding Machine Receptacle 2RCPL0185
2MXY-F02D Primary Bkr Backup Fuse	Upper Containment Reactor Building Welding Receptacle 2RCPL0193
2MXY-F03A Primary Bkr Backup Fuse	Reactor Coolant Drain Tank Pump Motor 2A
2MXY-F03D Primary Bkr Backup Fuse	Ice Condenser Refrigeration Floor Cool Pump Motor 2A
2MXY-F05A Primary Bkr Backup Fuse	Lighting Transformer 2LR8
2MXY-F05B Primary Bkr Backup Fuse	Lighting Transformer 2LR11

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXY-F05C Primary Bkr Backup Fuse	Lighting Transformer 2LR14
2MXY-F06A Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A5 Fan Motor A & B
2MXY-F06B Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A11 Fan Motor A & B
2MXY-F06C Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2B12 Fan Motor A & B
2MXY-F06D Primary Bkr Backup Fuse	Ice Condenser Air Handling Unit 2A15 Fan Motor A & B
2MXY-F07C Primary Bkr Backup Fuse	EXH Reactor Building Equipment Hatch Jib Cranes R035 & R036
2MXY-F08A Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2A
2MXY-F08B Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2C
2MXY-F08C Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2E
2MXY-F08D Primary Bkr Backup Fuse	Lower Containment Auxiliary Charcoal Filter Unit Fan Motor 2A
2MXZ-F02A Primary Bkr Backup Fuse	NC Pump 2A Oil Lift Pump Motor 2

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 2. 600 VAC MCC (Continued)

2MXZ-F02B Primary Bkr Backup Fuse	NC Pump 2D Oil Lift Pump Motor 2
2MXZ-F03A Primary Bkr Backup Fuse	Reactor Coolant Drain Tank Pump Motor 2B
2MXZ-F04B Primary Bkr Backup Fuse	Lighting Transformer 2LR1
2MXZ-F04C Primary Bkr Backup Fuse	Lighting Transformer 2LR2
2MXZ-F04D Primary Bkr Backup Fuse	Lighting Transformer 2LR3
2MXZ-F05A Primary Bkr Backup Fuse	Reactor Coolant Pump Jib Hoist No. R023 TH R026
2MXZ-F05C Primary Bkr Backup Fuse	Lower Containment Auxiliary Charcoal Filter Unit Fan Motor 2B
2MXZ-F06A Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2B
2MXZ-F06B Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2D
2MXZ-F06C Primary Bkr Backup Fuse	Incore Drive Assembly Motor 2F
2MXZ-F06D Primary Bkr Backup Fuse	Lower Containment Reactor Building Welding Receptacle 2RCPL0194
2MXZ-F07B Primary Bkr Backup Fuse	Lighting Transformer 2LR4

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
2. 600 VAC MCC (Continued)	
2MXZ-F07C Primary Bkr Backup Fuse	5 Ton Jib Crane in Containment Crane No. R006
2MXZ-F07D Primary Bkr Backup Fuse	Reactor Cavity Manipulator Crane No. R008 & R028
2MXZ-F08A Primary Bkr Backup Fuse	Steam Generator Drain Pump Motor 2
2MXZ-F08C Primary Bkr Backup Fuse	15 Ton Equipment Access Hatch Hoist Crane No. R010
2MXZ-F08D Primary Bkr Backup Fuse	Control Rod Drive 2 Ton Jib Hoist Crane No. R018
2MXZ-F08E Primary Bkr Backup Fuse	Reactor Side Fuel Handling Control Console
SMXG-F06B Primary Bkr Backup Fuse	Standby Makeup Pump Drain Isol Vlv 2NV876
SMXG-R05B Primary Bkr Backup Fuse	Pressurizer Heaters 28, 55 & 56
SMXG-F06C Primary Bkr Backup Fuse	Standby Makeup Pump to Seal Water Line Isol Vlv 2NV877
3. 600 VAC Pressurizer Heater Power Panels	
PHP2A-F01A Primary Bkr Backup Fuse	Pressurizer Heaters 1, 2, & 22
PHP2A-F01B Primary Bkr Backup Fuse	Pressurizer Heaters 5, 6, & 27



**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
3. 600 VAC Pressurizer Heater Power Panels (Continued)	
PHP2A-F01C Primary Bkr Backup Fuse	Pressurizer Heaters 9, 10 & 32
PHP2A-F02C Primary Bkr Backup Fuse	Pressurizer Heaters 11, 12 & 35
PHP2A-F02D Primary Bkr Backup Fuse	Pressurizer Heaters 13, 14 & 37
PHP2A-F02E Primary Bkr Backup Fuse	Pressurizer Heaters 17, 18 & 42
PHP2B-F01B Primary Bkr Backup Fuse	Pressurizer Heaters 26, 53 & 54
PHP2B-F01C Primary Bkr Backup Fuse	Pressurizer Heaters 31, 59 & 60
PHP2B-F02C Primary Bkr Backup Fuse	Pressurizer Heaters 36, 65 & 66
PHP2B-F02D Primary Bkr Backup Fuse	Pressurizer Heaters 41, 71 & 21
PHP2B-F02E Primary Bkr Backup Fuse	Pressurizer Heaters 46, 77 & 78
PHP2C-F01A Primary Bkr Backup Fuse	Pressurizer Heaters 7, 8 & 30

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICESDEVICE NUMBER & LOCATIONSYSTEM POWERED

## 3. 600 VAC Pressurizer Heater Power Panels (Continued)

PHP2C-F01B Primary Bkr Backup Fuse	Pressurizer Heaters 19, 20 & 45
PHP2C-F01C Primary Bkr Backup Fuse	Pressurizer Heaters 24, 51 & 52
PHP2C-F01D Primary Bkr Backup Fuse	Pressurizer Heaters 29, 57 & 58
PHP2C-F02C Primary Bkr Backup Fuse	Pressurizer Heaters 34, 63 & 64
PHP2C-F02D Primary Bkr Backup Fuse	Pressurizer Heaters 39, 69 & 70
PHP2C-F02E Primary Bkr Backup Fuse	Pressurizer Heaters 44, 75 & 76
PHP2D-F01A Primary Bkr Backup Fuse	Pressurizer Heaters 3, 4 & 25
PHP2D-F01B Primary Bkr Backup Fuse	Pressurizer Heaters 15, 16 & 40
PHP2D-F01C Primary Bkr Backup Fuse	Pressurizer Heaters 23, 49 & 50
PHP2D-F02C Primary Bkr Backup Fuse	Pressurizer Heaters 33, 61 & 62
PHP2D-F02D Primary Bkr Backup Fuse	Pressurizer Heaters 38, 67 & 68

**TABLE 16.8-1B**  
**UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES**

DEVICE NUMBER & LOCATION	SYSTEM POWERED
3. 600 VAC Pressurizer Heater Power Panels (Continued)	
PHP2D-F02E	
Primary Bkr	Pressurizer Heaters
Backup Fuse	43, 73 & 74
4. 250 VDC Reactor Building Deadlight Panelboard	
2DLD-2	
Primary Bkr	Lighting Panelboard No. 2LR1,
Backup Fuse	2LR2, 2LR3, 2LR4
2DLD-3	
Primary Bkr	Lighting Panelboard No. 2LR13,
Backup Fuse	2LR14
2DLD-4	
Primary Bkr	Lighting Panelboard No. 2LR5,
Backup Fuse	2LR6
2DLD-5	
Primary Bkr	Lighting Panelboard No. 2LR10,
Backup Fuse	2LR11
2DLD-10	
Primary Bkr	Lighting Panelboard No. 2LR8
Backup Fuse	
5. 120 VAC Panelboards	
2ELB-5	
Primary Bkr	Emergency A.C. Lighting
Backup Fuse	
2ELB-7	
Primary Bkr	Emergency A.C. Lighting
Backup Fuse	
2ELB-13	
Primary Bkr	Emergency A.C. Lighting
Backup Fuse	
2ELB-15	
Primary Bkr	Emergency A.C. Lighting
Backup Fuse	

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
5. 120 VAC Panelboards (Continued)	
2ELB-17 Primary Bkr Backup Fuse	Emergency A.C. Lighting
2KPM-1 Primary Bkr Backup Fuse	NC Pump Motor 2A Space Heater
2KPM-2 Primary Bkr Backup Fuse	NC Pump Motor 2C Space Heater
2KPM-7-1 Primary Bkr Backup Fuse	Lower Containment Vent Unit 2A Fan Motor Space Heater
2KPM-8-1 Primary Bkr Backup Fuse	Lower Containment Vent Unit 2C Fan Motor Space Heater
2KPM-24-1 Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2A Space Heater
2KPM-24-2 Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2B Space Heater
2KPM-24-3 Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2C Space Heater
2KPM-24-4 Primary Bkr Backup Fuse	Control Rod Drive Vent Fan Motor 2D Space Heater
2KPM-33-3, 4, 5, 6, 7 Primary Bkr Backup Fuse	Safety Injection System Temperature Transmitters
2KPN-1 Primary Bkr Backup Fuse	NC Pump Motor 2B Space Heater

TABLE 16.8-1B

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	SYSTEM POWERED
5. 120 VAC Panelboards (Continued)	
2KPN-2	
Primary Bkr	NC Pump Motor 2D Space Heater
Backup Fuse	
2KPN-7-1	
Primary Bkr	Lower Containment Vent Unit
Backup Fuse	2B Fan Motor Space Heater
2KPN-8-1	
Primary Bkr	Lower Containment Vent Unit
Backup Fuse	2D Fan Motor Space Heater
2KPN-8-2,3,4,5	
	NC Pump Seal Stand Pipe Vent and Drain Valves
2KPN-11	
Primary Bkr	Misc Control Power for 2ATC 24
Backup Fuse	
6. DC Welding Circuits	
2EQCB0001	
Primary Bkr - AA	Lower Containment
Backup Bkr - AB	DC Welding Circuit
2EQCB0002	
Primary Bkr - AA	Upper Containment
Backup Bkr - AB	DC Welding Circuit