

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1a

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C	C	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F		F	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	A	A	A	A	A	A	A	A	A	A	A	Z	Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
EE-SWG-4160V-1D																										E								
MD1 (PWR)																				X	X						X							
MD2 (PWR)																				X	X						X							
MD12 (PWR)																																		
MD13 (PWR)																																		
MD21 (CONT)																										X			X		X			
MD23 (CONT)																										X			X		X			
MD24 (CONT)																													X		X			
MD26 (CONT)																										X			X		X			
MD28 (CONT)																				X	X					X								
ED109 (CONT PWR)																				X	X			X		X								
G64 (BUS DIFF)																										X			X				For Offsite Power	
G65 (BUS DIFF)																										X	X						For Offsite Power	
G111 (BUS DIFF)																										X			X		X		For Offsite Power	
G112 (MET. POT.)																										X			X		X			
G115 (BUS DIFF)																										X			X		X		For Offsite Power	
MD96 (CONT & IND)																										X			X		X			
MD101 (CONT & IND)																										X			X		X			
MD103 (CONT & IND)																										X			X		X			
M104 (CONT)																													X		X			
EE-SWG-4160V-1E																											E							
ME1 (PWR)																				P		X					X							
ME2 (PWR)																				P		X					X							

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
ME12 (PWR)																																		
ME13 (PWR)																																		
ME16 (CONT)																											X	X	X				Isolated for RSD	
ME18 (CONT)																											X	X	X				Isolated for RSD	
ME19 (CONT)																												X	X				Isolated for RSD	
ME26 (CONT)																											X	X	X				Isolated for RSD	
ME28 (CONT)																			P	X							X							
ED309A (CONT PWR)																			P	X		X					X							
G47 (BUS DIFF.)																																	For Offsite Power	
G48 (BUS DIFF.)																																	For Offsite Power	
G49 (BUS DIFF.)																										X		X					For Offsite Power	
G120 (MET. POT.)																											X	X	X					
G50 (BUS DIFF.)																				X		X					X						For Offsite Power	
ME21 (CONT & IND)																											X	X	X					
ME91 (CONT & IND)																											X	X	X				Isolated for RSD	
ME93 (CONT & IND)																											X	X	X				Isolated for RSD	
ME94 (CONT & IND)																												X	X				Isolated for RSD	
EG-Y-1A																																		
RY1 (CONT)																			X	X							X		X	X				
RY2 (CONT)																			X	X							X		X	X				
RY3 (CONT)																			X	X							X		X	X				
RY4 (CONT)																			X	X	P							X						
RY5 (CONT)																											X	P	X	X	X			

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 3a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	A	A	A	A	A	A	A	A	A		A	A	A	A	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	
				a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
RY6 (CONT)																										X	P	X	X		X				
RY8 (CONT)																			X	X						X			X		X				
RY9 (CONT)																			X	X						X			X		X				
RY10 (CONT)																			X	X						X									
RY11 (CONT)																			X	X						X									
RY12 (CONT)																			X	X						X									
RY21 (CONT)																			X	X						X			X		X				
RY23 (CONT)																			X	X	P							X							
RY32 (CONT)																																			
RY33 (CONT)																			X	X						X			X		X				
RY34 (CONT)																			X	X			X						X		X				
RY35 (CONT)																			X	X						X			X		X				
RY36 (CONT)																										X			X		X				
RY37 (GEN. Field)																																			
RY51 (Current)																																			
RY52 (Current)																																			
RY53 (Current)																			X	X						X			X		X				
RY54 (Potential)																			X	X						X			X		X				
RY55 (DIFF. Current)																			X	X						X									
RY56A (REL. Current)																										X			X		X				
RY57A (MET. Current)																													X		X				
RY58 (Potential)																													X		X				
RY151 (PWR)																																			For DF-P-1A
RY152, RY153																																			For DF-P-1A

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 4a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
(CONT)																																			
RY154 (CONT)																																		For DF-P-1A	
RY161 (PWR)																																			
RY162, RY163 (CONT)																																			
RY171, RY172 (CONT)																																			
RY173, RY174 (CONT)																																			
RY181, RY182 (PWR)																																			
RY31 (CONT)																																			
ED1301, ED1302 (DC PWR)																																			
ED1303, ED1304 (DC PWR)																																			
ED1305, ED1306 (DC PWR)																																			
ED1321, ED1322 (DC PWR)																																		For DF-P-1B	
ED1323, ED1324 (CONT)																																		For DF-P-1B	
ED1325, ED1326, ED1327 (CONT)																																		For DF-P-1B	
G171 (SYNCH)																				X	X						X			X					
CG7 (PWR)																				X	X														
CG56 (PWR)																				X	X														
EG-Y-1B																																			
RZ1 (CONT)																				P		X						X						Rerouted by RSD	
RZ1A (CONT)																												X							New

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 5a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F		F	F	F		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1		a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
RZ1B (CONT)																											X		X		X			New; Isolated for RSD	
RZ2 (CONT)																				P		X					X							Rerouted by RSD	
RZ2A (CONT)																											X							New	
RZ2B (CONT)																											X		X		X			New; Isolated for RSD	
RZ3 (CONT)																				P		X					X							Rerouted by RSD	
RZ3A (CONT)																											X							New	
RZ3B (CONT)																											X		X		X			New; Isolated for RSD	
RZ4 (CONT)																											X	X						Rerouted by RSD; Isolated	
RZ5 (CONT)																											X	X	X		X			Isolated for RSD	
RZ6 (CONT)																											X	X	X		X			Isolated for RSD	
RZ8 (IND)																				P		X					X							Rerouted by RSD	
RZ8A (IND)																											X							New	
RZ8B (IND)																											X							New; Required Only for RSD	
RZ8C (IND)																											X		X		X			New; Isolated for RSD	
RZ13 (CONT)																				P		X					X								
RZ14 (CONT)																				P		X					X								
RZ15 (CONT)																				P		X					X								
RZ16 (IND)																						X					X							New; Required Only for RSD	
RZ17 (CONT)								X	X												X	X					X							New; Required Only for RSD	
RZ18 (CONT)																											X							New; Required Only for RSD	
RZ19 (CONT)																											X							New; Required Only for RSD	
RZ21 (CONT)																				P		X					X							Rerouted by RSD	
RZ21A (CONT)																											X							New	
RZ21B (CONT)																											X		X		X			New; Isolated for RSD	
RZ22 (IND)																				P		X					X							Rerouted by RSD	
RZ22A (IND)																											X							New	

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 6a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C		C	C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
RZ22B (IND)																				P		X						X		X		X		New; Isolated for RSD	
RZ23 (CONT)																				P		X						X						Rerouted by RSD	
RZ23A (CONT)																											X							New	
RZ23B (CONT)																												X	X					Isolated for RSD	
RZ24 (CONT)																											X	X						New; Isolated for RSD	
RZ31 (CONT)																																			
RZ32 (CONT)																																			
RZ33 (CONT POT.)																				P		X						X						Rerouted by RSD	
RZ33A (CONT POT.)																												X						New	
RZ33B (CONT)																												X		X		X		New; Isolated for RSD	
RZ34 (CONT)																				P		X						X						Rerouted by RSD	
RZ34A (CONT)																												X						New	
RZ34B (CONT)																												X		X		X		New; Isolated for RSD	
RZ35 (CONT)																				P		X						X						Rerouted by RSD	
RZ35A (CONT)																												X						New	
RZ35B (CONT)																												X		X		X		New; Isolated for RSD	
RZ36 (CONT)																												X						Rerouted by RSD	
RZ37 (GEN Field)																																			
RZ51 (MET & REL CURR)																																			
RZ52 (MET & REL CURR)																																			
RZ53 (MET & REL CURR)																				P		X						X						Rerouted by RSD	
RZ53B (CURR MET)																												X						New	
RZ55 (DIFF.																				P		X						X							

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 7a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
Current)																																			
RZ56 (REL Current)																													X						Rerouted by RSD
RZ59 (MET. POT.)																												P	X						New
RZ60 (MET. POT.)																													X						New
RZ151 (PWR)																																			For DF-P-1C
RZ152, RZ153 (CONT)																																			For DF-P-1C
RZ154 (CONT)																																			For DF-P-1C
RZ161 (PWR)																																			
RZ162, RZ163 (CONT)																																			
RZ171, RZ172 (CONT)																																			
RZ173, RZ174 (CONT)																																			
RZ181, RZ182 (PWR)																																			
ED1501, ED1502 (DC PWR)																																			
ED1503, ED1504 (DC PWR)																																			
ED1505, ED1506 (DC PWR)																																			
ED1521, ED1522 (DC PWR)																																			For DF-P-1D
ED1523, ED1524 (CONT)																																			For DF-P-1D
ED1525, ED1526, ED1527 (CONT)																																			For DF-P-1D
CH52 (PWR)	X	X								X									X		X													For Air Compressor- Not required.	

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 8a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
CH34 (PWR)	X	X								X									X		X													For AC Fuel Transfer Pump- Not required.	
EE-SWG-480V-1P																				E															
MD5 (PWR)																			X	X							X								
MD56 (CONT)																										X				X		X			
MD57 (AM INSTR)																										X	P	X	X		X				
LP11 (CONT)																				X			X						X		X				
LP12 (CONT)																				X							X								
LX31 (CONT)																				X							X								
LX32 (CONT)																				X	P								X						
LX33 (CONT)																				X							X								
ED107 (CONT PWR)																				X	X			X											
LP36 (CONT)																				X			X						X		X			For 1P-12 Bus-tie Breaker Only	
LP37 (CONT)																				X	X													For 1P-12 Bus-tie Breaker Only	
RP36 (CONT)																				X			X						X		X			For 1P-12 Bus-tie Breaker Only	
RP32 (CONT)																											X	X	X	X		X			For 1P-12 Bus-tie Breaker Only
EE-SWG-480V-1S																					E														
ME5 (PWR)																				P		X						X							
ME56 (CONT)																												X		X		X			Isolated for RSD
ME57 (CONT)																												X	X	X					Isolated for RSD
LS11 (CONT & IND)																								P					X		X				Isolated for RSD
LS11A (CONT & IND)																						X			X	P	X							New	
LS12 (CONT)																					X								X						
LX21 (IND)																					X	X												New; For RSD Indication Only	
LX41 (CONT)																					X								X						

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 9a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS						
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C			
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F			
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	
					a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
LX42 (CONT)																						X						X	X						Isolated for RSD	
LX43 (CONT)																					X							X								
ED307A (CONT PWR)																			P		X			X												
LS36 (CONT)																					X		X		X					X		X			For 1S-12 Bus-tie Breaker Only	
LS37 (CONT)																				X	X														For 1S-12 Bus-tie Breaker Only	
RR36 (CONT)																					X		X		X				X		X				For 1S-12 Bus-tie Breaker Only	
RR32 (CONT)																												X	X	X		X				For 1S-12 Bus-tie Breaker Only
EE-SWG-480V-1R																																				
MD11 (PWR)																		X		X	X							X								
MD86 (CONT)																												X			X		X			
MD87 (AM INSTR)																												X	P	X	X		X			
LR11 (CONT)																		X		X	X							X			X		X			
LR11A (CONT)																																				New
LR12 (CONT)																		X		X	X							X								
LR12A (CONT)																																				New
LX51 (CONT)																		X		X	X							X								
LX51A (CONT)																																				New
LX52 (CONT)																												X	P	X						
LX53 (CONT)																		X		X	X							X								
ED108A (CONT PWR)																		X		X				X												
ED108B (CONT PWR)																		X		X	X			X												
ED108C (PWR)																																				New
ED108D (PWR)																																				New
LR42 (CONT)																																				For 1R-12 Bus-tie Breaker Only

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 10a

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																																REMARKS	
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1		a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
LR43 (CONT)																	X		X	X						X			X		X		For 1R-12 Bus-tie Breaker Only	
RP32 (CONT)																										X	X	X	X		X		For 1R-12 Bus-tie Breaker Only	
RP37 (CONT)																	X		X	X						X			X		X		For 1R-12 Bus-tie Breaker Only	
EE-SWG-480V-1T																																		
ME11 (PWR)																		X			X	X					X							
ME86 (CONT)																											X		X		X		Isolated for RSD	
LT11 (CONT & IND)																		X			X	X											Rerouted by RSD	
LT11A (CONT & IND)																																	New	
LT11B (CONT & IND)																					X			X	P	X							New	
LT11C (CONT & IND)																								P				X		X			Formerly Part of LT11; Isolated for RSD	
LT12 (CONT)																		X																
LT12A (CONT)																																	New	
LT12B (CONT)																					X	X					X						New	
LX22 (IND)																		X				X											New; For RSD Indication Only	
LX61 (CONT)																		X									X	X					Isolated for RSD	
LX61A (CONT)																																	New	
LX62 (CONT)																												X	X					Isolated for RSD
LX63A (CONT)																												X	X					Isolated for RSD
ED308A (CONT PWR)																		X																
ED308B (CONT PWR)																		X																
ED308C (PWR)																																	New	
ED308D (PWR)																																	New	
ED5033 (CONT																				P														

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 11a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS						
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B		B	B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F		F	F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z	
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
PWR)																																				
ED5033A (CONT PWR)																					P					X									New	
ED5034 (CONT PWR)																					P															
ED5034A (CONT PWR)																					P					X									New	
LT15 (CONT)																								X	X										New; Required Only for RSD	
LT46 (CONT)																			X				X	X	X		X				X		X		For 1T-12 Bus-tie Breaker Only	
LT47 (CONT)																																			For 1T-12 Bus-tie Breaker Only	
RR32 (CONT)																													X	X	X		X			For 1T-12 Bus-tie Breaker Only
RR37 (CONT)																			X										X	X	X		X			For 1T-12 Bus-tie Breaker Only
EE-MCC-ES-1A																						E														
LP1A (PWR)																					X	X														
LP1B (PWR)																					X	X														
LP1C (PWR)																					X	X														
LP16 (CONT)																						X			X					X		X				
EE-MCC-ES-1B																							E													
LS1A (PWR)																							X													
LS1B (PWR)																							X													
LS1C (PWR)																							X													
LS16 (CONT & IND)																										P				X		X			Isolated for RSD	
LS16A (CONT & IND)																							X		X	P	X								New	
CH205 (IND)																								X	X										New; For RSD Indication Only	
EE-MCC-ESV-1A											E																									
LP8 (PWR)								X		X												X	X													

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 12a

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																																REMARKS	
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C		C
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z		Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b		
EE-MCC-ESV-1B											E								P		X													
LS7 (PWR)																																		
LS7A (PWR)										X	X																						New	
CR263 (IND)									X		X											X											New; For RSD Indication Only	
EE-MCC-ESV-1C-EX1																					E													
RU281A (CONT)																											X	X					RU281 was Spared; Isolated for RSD	
RU282 (IND)																						X	X	X				X					For Indication Only	
RU283 (CONT)																						X	P	X				X					Isolated for RSD	
RU284 (CONT)																					X	P	X				X						For "B" Train Power; Isolated for RSD	
RU285 (CONT)																											X		X				Isolated for RSD	
RU287 (CONT)																											X		X				Isolated for RSD	
RU288 (CONT)																						X	X	X				X					For "A" Train Power; Isolated for RSD	
RU289 (CONT)																					X	P	X				X						Isolated for RSD	
RU290 (CONT)																											X	X	X					Isolated for RSD
RU291 (CONT)																					X												New	
RU292 (CONT)																					X												New	
RU293 (CONT)																					X												New	
EE-MCC-ESV-1C																																		
LP4A (PWR)																			X	X		X											For "A" Train Power	
LP4B (PWR)																		X	X		X												For "A" Train Power	
LP5A (PWR)																		P			X													
LP5B (PWR)																		P			X													
LS4A (PWR)																		P		X	X												For "B" Train Power	
LS4B (PWR)																		P		X	X												For "B" Train Power	

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 13a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1		a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
CS106 (IND)																						X											New; For RSD Indication Only		
EE-MCC-SH-1A																																			
LR8A (PWR)																																			
LR8B (PWR)																																			
LR47 (CONT)																	X		X	X						X			X		X				
LR47A (CONT)																																		New	
EE-MCC-SH-1B																																			
LT7A (PWR)																																			
LT7B (PWR)																																			
LT51 (CONT & IND)																		X			X	X											Rerouted by RSD		
LT51A (CONT & IND)																																		New	
LT51B (CONT & IND)																				X			X	P	X								New		
LT51C (CONT & IND)																								P				X		X			Formerly Part of LT51; Isolated for RSD		
LT54 (CONT)																					X	X											New; Required Only for RSD		
CBF160 (IND)																		X				X											New; RSD Indication Only		
EE-PNL-ATA																			X				E												
EA6817 (PWR)																			X				X										Alternate Source		
EA6830 (PWR)																			X				X										Preferred Source		
EA6408 (PWR BUS)																							X										Alternate Source		
EA112 (VITAL BUS TIE)																							X										Preferred Source		
EE-PNL-ATB																							E												
EA5 (PWR)																			X				X										Preferred Source		
EA6604 (PWR																							X	X									Alternate Source		

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 14a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS						
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B		B	B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	T	F	F	F	F	F	F	F	F		F	F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
BUS)																																				
EE-PNL-TRA																																			Cable Info for Historical Reference Only. Cross Train Bus-tie to VBB & VBD	
EA6406 (Bus-tie to VBB)																																				
EA6407 (Bus-tie to VBD)																																				
EA11 (PWR)																																				
CG8 (PWR)																																				
EE-PNL-TRB																																			Cable Info for Historical Reference Only. Cross Train Bus-tie to VBA & VBC.	
EA6602 (Bus-tie to VBA)																																				
EA6603 (Bus-tie to VBC)																																				
EA12 (PWR)																																				
CH7 (PWR)																																				
EE-PNL-VBA																																				
EA1 (PWR)																																				
EA6768 (BUS TIE)																																				
EE-PNL-VBB																																				
EA2 (PWR)																																				
EE-PNL-VBC																																				
EA3 (PWR)																																				
EE-PNL-VBD																																				
EA4 (PWR)																																				

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 15a

AUXILIARY ELECTRICAL POWER SYSTEM																																		REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
COMPONENTS AND CIRCUITS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EE-INV-1A																				X	X			E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

SHEET 16a

[illegible]

LEGEND

- X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 17a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
ED52B (PWR)																			P					X		X									
ED55 (PWR)																			P					X											
ED56 (PWR)																			P					X											
ED15A/B (Bus-tie)																			X				X	X											
EED-PNL-1M																						E													
ED11 (DC PWR)																			X		X	X	X												
ED12 (DC PWR)																						X													
ED61 (DC PWR)																			X		X	X		X											
RU301 (CONT)																											X	X	X	X					Control cable faults in CB-FA-3a/3b/3c/3d/4b will not disable the 1M DC distribution panel. The worst-case result will be spurious transfer to available DC source.
RU302 (IND)																						X	X	X					X						
RU303 (CONT)																						X	X	X					X						
RU304 (CONT)																						X	X	X					X						
RU305 (CONT & IND)																													X		X				
RU307 (CONT)																													X		X				
RU308 (CONT)																						X	X	X					X						
RU309 (CONT)																						X	X	X					X						
RU310 (CONT)																												X	X	X					
EED-PNL-1E																							E												
ED10A (DC PWR)																			X				X												
ED10B (DC PWR)																			X				X												
EED-PNL-1F																								E											
ED60C (DC PWR)																			P					X											
ED60D (DC PWR)																			P					X											
EED-PNL-1P																																			
ED112 (DC PWR)																			X				X												

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 18a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C			
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F			
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
EED-PNL-1Q																				P															
ED313 (DC PWR)																									X										
ICS Cabinets																													E					Powered from ATA (normal) or ATB (backup)	
EA6004 (CONT PWR)																							X	X					X					For RC1-LT-3, SP6A-PT-2, SP6B-PT-1	
EA6005A (CONT PWR)																							X		X				X					EA6005 was Spared; for RC1-LT-1/2, SP6A-PT-1, SP6B-PT-2	
EA6031B (PWR)																							X		X				X					Hand Power; EA6031 and EA6031A were Spared	
EA6033 (CONT PWR)																													X					Hand Power	
EA6034 (CONT PWR)																													X					Hand Power	
EA6035 (CONT PWR)																													X					Hand Power	
EA6041A (PWR)																							X	P		P			X					Auto Power; EA6041 was spared	
EA6043 (CONT PWR)																													X					Auto Power	
EA6044A (CONT PWR)																													X					Auto Power	
EA6044B (CONT PWR)																													X					Auto Power	
EA6045 (CONT PWR)																													X					Auto Power	
EA-6031C (Hand PWR)																							X											Knife Switch Normal Supply (ATA)	
EA-6031D (Hand PWR)																							X											Knife Switch Back-up Supply (ATB)	
EA6041B (Auto PWR)																							X											Knife Switch Back-up Supply (ATA)	

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 19a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																																REMARKS	
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C		C
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
EA6041C (Auto PWR)																							X												Knife Switch Normal Supply (ATB)
SCC-A																													E						
EA6822 (INST PWR)																					X	P		X						X					Power for SCC-A1
EA339 (PWR)																					X	P	P	X						X					New; Power for SCC-A3
SCC-B																							E												
EA6824 (INST PWR)																							X		X										Power for SCC-B1 and B2
EA6856 (INST PWR)																							X												Power for SCC-B2
EA354 (PWR)																						X	X		X		X								Power for SCC-B3; New
RSP-A																							E												
EA6823 (INST PWR)																							X							X					Power for Instrumentation Circuit
RSP-B																							E												
EA6825 (INST PWR)																							X												Power for Instrumentation Circuit
RSTSP-A																														E					For RSD Only
EA6792 (PWR)																						X	X	X						X					Train X
EA6912 (PWR)																					X	P	P	X						X					Train A
RSTSP-B																							E												For RSD Only
EA16 (PWR)																						X													Train B
EA518 (PWR)																						X		X											Train C
EA591 (PWR)																						X													Train C
EA6892 (PWR)																						X		X											Train X
RSTSP-C																							E												For RSD Only
EA518 (PWR)																						X		X											Train C

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 20a

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																																REMARKS
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	A	Z	
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
EA592 (PWR)																				X	X												Train C
ESAS Bistable Cabinets																											E						Common to ESAS "A" & "B"
EA105 (CONT PWR)																		S	X	P		X		S			X						Cabinet 1. Train A-EE-PNL-VBA
EA305 (CONT PWR)																					X	X		S		X	X	X					Cabinet 2. Train B-EE-PNL-VBB
EA515 (CONT PWR)																		S			X		S			X	X						Cabinet 3. Train C-EE-PNL-VBC
ESAS Relay Cabinets "A"																											E						ESAS "A"
EA103 (CONT PWR)																		S	X	X		X		S			X						Cabinet 1A. Train A-EE-PNL-VBA
EA303 (CONT PWR)																						X		S			X	X					Cabinet 2A. Train B-EE-PNL-VBB
EA503A (CONT PWR)																		S	X			X		S		X	X	X					Cabinet 3A. Train C-EE-PNL-VBC
ESAS Defeat Train A																										X	X	X	X		X		
RP31 (CONT)																										X	X	X	X		X		
RP431 (CONT)																										X	X	X	X		X		
RP764 (CONT)																											X	X		X			
ESAS Relay Cabinets "B"																											E						ESAS "B"
EA104 (CONT PWR)																		S			X	X	X	S			X						Cabinet 1B. Train A-EE-PNL-VBA
EA304A (CONT PWR)																					X		X		S		X						Cabinet 2B. Train B-EE-PNL-VBB
EA714 (CONT PWR)																					X		X		S		X						Cabinet 3B. Train D-EE-PNL-VBD
ESAS Defeat Train B																											X	X	X		X		

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 21a

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C	C		C	C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F		F	F	F	F	
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
RR31 (CONT)																												X	X	X		X			
RR431 (CONT)																												X	X	X		X			
RR764 (CONT)																												X	X	X		X			
Control Room Lighting																																			
CG45 (AC PWR)																				X	X										X	X		Train A; Emergency (EED-PNL-CT-2)	
CH105A (AC PWR)																					X	X						X		X	X			Train B; Normal (EED-PNL-CT-2)	
ED1702 (DC PWR)																						X		X							X			Train C; DC Emergency (EED-PNL-1M)	
FS-PNL-CB-1 (CARDOX)																													E						
ZP1124 (CONT)																													X					Train X	
ZP1125 (CONT)																													X					Train X	
ZP1125A (CONT)																													X					Train X	
ZP1126 (CONT)																													X					Train X	

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

SHEET 1b

LEGEND	
X	Component Not Available
E	Component Location
S	Support Not Available
P	Available – Cable Protected
D	Design Modification
R	Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS					
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R					R	T
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B					B	B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F					F	F
		A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1	
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e				
ME13 (PWR)		X																													
ME16 (CONT)																														Isolated for RSD	
ME18 (CONT)																														Isolated for RSD	
ME19 (CONT)																														Isolated for RSD	
ME26 (CONT)																														Isolated for RSD	
ME28 (CONT)		X																													
ED309A (CONT PWR)																															
G47 (BUS DIFF.)																												X		For Offsite Power	
G48 (BUS DIFF.)																												X		For Offsite Power	
G49 (BUS DIFF.)																												X		For Offsite Power	
G120 (MET. POT.)																															
G50 (BUS DIFF.)																												X		For Offsite Power	
ME21 (CONT & IND)																															
ME91 (CONT & IND)																														Isolated for RSD	
ME93 (CONT & IND)																														Isolated for RSD	
ME94 (CONT & IND)																														Isolated for RSD	
EG-Y-1A	E																														
RY1 (CONT)	X																														
RY2 (CONT)	X																														
RY3 (CONT)	X																														
RY4 (CONT)	X																														
RY5 (CONT)																															
RY6 (CONT)																															

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 3b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS							
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R		R	R	R	T			
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B		B	B	B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F	F	F	F			
		A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	a	b		c	d	e	Z	A		
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1				
																				2	1	2	3										
RY8 (CONT)	X																																
RY9 (CONT)	X																																
RY10 (CONT)	X																																
RY11 (CONT)	X																																
RY12 (CONT)	X																																
RY21 (CONT)	X																																
RY23 (CONT)	X																																
RY32 (CONT)	X																																
RY33 (CONT)	X																																
RY34 (CONT)	X																																
RY35 (CONT)	X																																
RY36 (CONT)																																	
RY37 (GEN. Field)	X																																
RY51 (Current)	X																																
RY52 (Current)	X																																
RY53 (Current)	X																																
RY54 (Potential)	X																																
RY55 (DIFF. Current)	X																																
RY56A (REL. Current)																																	
RY57A (MET. Current)																																	
RY58 (Potential)																																	
RY151 (PWR)	X																											For DF-P-1A					
RY152, RY153 (CONT)	X																											For DF-P-1A					

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 4b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																											REMARKS		
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R		T	
		G	G	H	H	H	H	H	H	H	H	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B		B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F		F	
		A	A	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	a	b	c	d	e		Z	A
1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1			
																	2	1	2	3											
RY154 (CONT)	X																											For DF-P-1A			
RY161 (PWR)	X																														
RY162, RY163 (CONT)	X																														
RY171, RY172 (CONT)	X																														
RY173, RY174 (CONT)	X																														
RY181, RY182 (PWR)	X																														
RY31 (CONT)	X																														
ED1301, ED1302 (DC PWR)	X																														
ED1303, ED1304 (DC PWR)	X																														
ED1305, ED1306 (DC PWR)	X																														
ED1321, ED1322 (DC PWR)	X																											For DF-P-1B			
ED1323, ED1324 (CONT)	X																											For DF-P-1B			
ED1325, ED1326, ED1327 (CONT)	X																											For DF-P-1B			
G171 (SYNCH)	X																														
CG7 (PWR)	X																														
CG56 (PWR)	X																														
EG-Y-1B		E																													
RZ1 (CONT)		X																										Rerouted by RSD			
RZ1A (CONT)																												New			
RZ1B (CONT)																												New; Isolated for RSD			

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

SHEET 5b

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 6b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T	
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F	
A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	a	b	c	d	e	2	3	1	
RZ23 (CONT)		X																2	1	2	3								Rerouted for RSD	
RZ23A (CONT)																													New	
RZ23B (CONT)																													Isolated for RSD	
RZ24 (CONT)																													New; Isolated for RSD	
RZ31 (CONT)		X																												
RZ32 (CONT)		X																												
RZ33 (CONT POT.)		X																											Rerouted by RSD	
RZ33A (CONT POT.)																													New	
RZ33B (CONT POT.)																													New; Isolated for RSD	
RZ34 (CONT)		X																											Rerouted by RSD	
RZ34A (CONT)																													New	
RZ34B (CONT)																													New; Isolated for RSD	
RZ35 (CONT)		X																											Rerouted by RSD	
RZ35A (CONT)																													New	
RZ35B (CONT)																													New; Isolated for RSD	
RZ36 (CONT)																													Rerouted by RSD	
RZ37 (GEN Field)		X																												
RZ51 (MET & REL CURR)		X																												
RZ52 (MET & REL CURR)		X																												
RZ53 (MET CURR.)		X																											Rerouted by RSD	
RZ53B (MET CURR.)																													New	
RZ55 (DIFF. Current)		X																												

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 7b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS	
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T		
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		
		A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	1	2	3	1		
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e				
RZ56 (REL Current)																													Rerouted by RSD		
RZ59 (MET. POT.)		X											X	X		X												X	New		
RZ60 (MET. POT.)																													New		
RZ151 (PWR)		X																											For DF-P-1C		
RZ152, RZ153 (CONT)		X																											For DF-P-1C		
RZ154 (CONT)		X																											For DF-P-1C		
RZ161 (PWR)		X																													
RZ162, RZ163 (CONT)		X																													
RZ171, RZ172 (CONT)		X																													
RZ173, RZ174 (CONT)		X																													
RZ181, RZ182 (PWR)		X																													
ED1501, ED1502 (DC PWR)		X																													
ED1503, ED1504 (DC PWR)		X																													
ED1505, ED1506 (DC PWR)		X																													
ED1521, ED1522 (DC PWR)		X																											For DF-P-1D		
ED1523, ED1524 (CONT)		X																											For DF-P-1D		
ED1525, ED1526, ED1527 (CONT)		X																											For DF-P-1D		
CH52 (PWR)		X	X	X							X			X			X												For Air Compressor- Not required.		
CH34 (PWR)		X	X	X							X			X			X												For AC Fuel Transfer Pump- Not		

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 8b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS				
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T						
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B						
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F						
A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	1	2	3	1						
																		2	1	2	3	a	b	c	d	e								
EE-SWG-480V-1P																												required.						
MD5 (PWR)																																		
MD56 (CONT)																																		
MD57 (AM INSTR)																																		
LP11 (CONT)																																		
LP12 (CONT)																																		
LX31 (CONT)																																		
LX32 (CONT)																																		
LX33 (CONT)																																		
ED107 (CONT PWR)																																		
LP36 (CONT)																												For 1P-12 Bus-tie Breaker Only						
LP37 (CONT)																												For 1P-12 Bus-tie Breaker Only						
RP36 (CONT)																												For 1P-12 Bus-tie Breaker Only						
RP32 (CONT)																												For 1P-12 Bus-tie Breaker Only						
EE-SWG-480V-1S																																		
ME5 (PWR)																																		
ME56 (CONT)																												Isolated for RSD						
ME57 (CONT)																												Isolated for RSD						
LS11 (CONT & IND)																												Isolated for RSD						
LS11A (CONT & IND)																												New						
LS12 (CONT)																																		
LX21 (IND)																												New; For RSD Indication Only						
LX41 (CONT)																																		
LX42 (CONT)																												Isolated for RSD						

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 9b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS	
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T			
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F			
		A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	a	b	c	d	e	A			
1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	2	1	2	3	1	1	1	1	2	3	1				
LX43 (CONT)																															
ED307A (CONT PWR)																															
LS36 (CONT)																											For 1S-12 Bus-tie Breaker Only				
LS37 (CONT)																											For 1S-12 Bus-tie Breaker Only				
RR36 (CONT)																											For 1S-12 Bus-tie Breaker Only				
RR32 (CONT)																											For 1S-12 Bus-tie Breaker Only				
EE-SWG-480V-1R																		E													
MD11 (PWR)			X					X										X	P												
MD86 (CONT)																															
MD87 (AM INSTR)																															
LR11 (CONT)			X					X												P											
LR11A (CONT)																		X	P								New				
LR12 (CONT)			X					X												P											
LR12A (CONT)																		X	P								New				
LX51 (CONT)			X					X												P											
LX51A (CONT)																		X	P								New				
LX52 (CONT)																															
LX53 (CONT)			X					X												P											
ED108A (CONT PWR)			X					X												P											
ED108B (CONT PWR)			X					X												P											
ED108C (PWR)																		X	P								New				
ED108D (PWR)																		X	P								New				
LR42 (CONT)																		X	X								For 1R-12 Bus-tie Breaker Only				
LR43 (CONT)			X					X										X	X								For 1R-12 Bus-tie Breaker Only				

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 10b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS			
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T						
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B						
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F						
		A	A	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1					
																		2	1	2	3												
RP32 (CONT)																												For 1R-12 Bus-tie Breaker Only					
RP37 (CONT)			X					X										X	X									For 1R-12 Bus-tie Breaker Only					
EE-SWG-480V-1T																			E														
ME11 (PWR)			P	X			X											P	X														
ME86 (CONT)																												Isolated for RSD					
LT11 (CONT & IND)			P	X			X											P										Rerouted by RSD					
LT11A (CONT & IND)																		P	X									New					
LT11B (CONT & IND)																												New					
LT11C (CONT & IND)																												Formerly Part of LT11; Isolated for RSD					
LT12 (CONT)			P	X			X											P															
LT12A (CONT)																		P	X									New					
LT12B (CONT)							X																					New					
LX22 (IND)			X	X			X											X	X									New; For RSD Indication Only					
LX61 (CONT)			P	X			X											P										Isolated for RSD					
LX61A (CONT)																		P	X									New					
LX62 (CONT)																												Isolated for RSD					
LX63A (CONT)																												Isolated for RSD					
ED308A (CONT PWR)			P															P															
ED308B (CONT PWR)			P															P															
ED308C (PWR)																		P	X									New					
ED308D (PWR)																		P	X									New					
ED5033 (CONT PWR)			P	X																													

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 11b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS							
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T						
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B		B						
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F						
		A	A	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	A							
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1				
																				2	1	2	3										
ED5033A (CONT PWR)																												New					
ED5034 (CONT PWR)			P	X																													
ED5034A (CONT PWR)																												New					
LT15 (CONT)																												New; Required Only for RSD					
LT46 (CONT)			X	X			X												X	X								For 1T-12 Bus-tie Breaker Only					
LT47 (CONT)																			X	X								For 1T-12 Bus-tie Breaker Only					
RR32 (CONT)																												For 1T-12 Bus-tie Breaker Only					
R37 (CONT)			X				X												X	X								For 1T-12 Bus-tie Breaker Only					
EE-MCC-ES-1A																																	
LP1A (PWR)																																	
LP1B (PWR)																																	
LP1C (PWR)																																	
LP16 (CONT)																																	
EE-MCC-ES-1B																																	
LS1A (PWR)																																	
LS1B (PWR)																																	
LS1C (PWR)																																	
LS16 (CONT & IND)																												Isolated for RSD					
LS16A (CONT & IND)																												New					
CH205 (IND)																												New; For RSD Indication Only					
EE-MCC-ESV-1A																																	
LP8 (PWR)			X					X																									

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 12b

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																											
	D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T	
	G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	A	
	1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e			REMARKS
EE-MCC-ESV-1B																												
LS7 (PWR)				X																								
LS7A (PWR)				X																								New
CR263 (IND)			X	X			X																					New; for RSD Indication Only
EE-MCC-ESV-1C-EX1																												
RU281A (CONT)																												RU281 was Spared; Isolated for RSD
RU282 (IND)																												For Indication Only
RU283 (CONT)																												Isolated for RSD
RU284 (CONT)																												For "B" Train Power; Isolated for RSD
RU285 (CONT)																												Isolated for RSD
RU287 (CONT)																												Isolated for RSD
RU288 (CONT)																												For "A" Train Power; Isolated for RSD
RU289 (CONT)																												Isolated for RSD
RU290 (CONT)																												Isolated for RSD
RU291 (CONT)																												New
RU292 (CONT)																												New
RU293 (CONT)																												New
EE-MCC-ESV-1C			E																									
LP4A (PWR)																												For "A" Train Power
LP4B (PWR)																												For "A" Train Power
LP5A (PWR)			X					P																				
LP5B (PWR)			X					P																				
LS4A (PWR)																												For "B" Train Power
LS4B (PWR)																												For "B" Train Power

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 13b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS	
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T			
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F			
A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1				
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e				
CS106 (IND)			X	X			X																					New; RSD Indication Only			
EE-MCC-SH-1A																			E												
LR8A (PWR)																			X												
LR8B (PWR)																			X												
LR47 (CONT)			X					X												P											
LR47A (CONT)																			X	P								New			
EE-MCC-SH-1B																				E											
LT7A (PWR)																				X											
LT7B (PWR)																				X											
LT51 (CONT & IND)			P	X			X												P									Rerouted by RSD			
LT51A (CONT & IND)																			P	X								New			
LT51B (CONT & IND)																												New			
LT51C (CONT & IND)																												Formerly Part of LT51; Isolated for RSD			
LT54 (CONT)																												New; Required Only for RSD			
CBF160 (IND)			X	X			X												X	X								New; RSD Indication Only			
EE-PNL-ATA																															
EA6817 (PWR)																												Alternate Source			
EA6830 (PWR)																												Preferred Source			
EA6408 (PWR BUS)																												Alternate Source			
EA112 (VITAL BUS TIE)																												Preferred Source			
EE-PNL-ATB																															
EA5 (PWR)																												Preferred Source			
EA6604 (PWR)																												Alternate Source			

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 14b

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																											
	D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T	
	G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	A	
	1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e			REMARKS
BUS)																												
EE-PNL-TRA																												Cable Info for Historical Reference Only. Cross Train Bus- tie to VBB & VBD
EA6406 (Bus-tie)																												
EA6407 (Bus-tie)																												
EA11 (PWR)				X			X																					
CG8 (PWR)				X			X																					
EE-PNL-TRB																												Cable Info for Historical Reference Only. Cross Train Bus- tie to VBA & VBC.
EA6602 (Bus-tie)																												
EA6603 (Bus-tie)																												
EA12 (PWR)				X			X																					
CH7 (PWR)				X			X																					
EE-PNL-VBA																												
EA1 (PWR)																												
EA6768 (BUS TIE)																												
EE-PNL-VBB																												
EA2 (PWR)																												
EE-PNL-VBC																												
EA3 (PWR)																												
EE-PNL-VBD																												
EA4 (PWR)																												
EE-INV-1A																												
CG1 (PWR)																												Preferred Source
ED8 (DC PWR)																												Alternate Source

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 15b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS							
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T					
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B			B					
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F			F					
		A	A	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	F	F	F					
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1				
																				2	1	2	3										
EA7 (BUS TIE)																																	
EE-INV-1B																																	
CH1 (PWR)																												Preferred Source					
ED59 (DC PWR)																												Alternate Source					
EA24 (BUS TIE)																																	
CH1048 (CONT)																																	
CH1049 (CONT)																																	
EA23 (BUS TIE)																												Alternate Source					
EE-INV-1C																																	
CG2 (PWR)																												Preferred Source					
ED9 (DC PWR)																												Alternate Source					
EA6 (BUS TIE)																																	
CG1039 (CONT)																																	
EE-INV-1D																																	
CH2 (PWR)																												Preferred Source					
ED58 (DC PWR)																												Alternate Source					
EA24 (BUS TIE)																												Alternate Source					
CH1050 (CONT)																																	
EA23 (BUS TIE)																												Alternate Source					
EE-INV-1E																																	
CG6 (PWR)																												Preferred Source					
ED20 (DC PWR)																												Alternate Source					
EE-INV-1F																																	
CH1182 (PWR)																												Preferred Source					
ED62 (DC PWR)																												Alternate Source					

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 16b

COMPONENTS AND CIRCUITS	AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS		
	D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		R	T
	G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B		B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F	F
	A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z		Z	A
1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e		
EED-BC-1A																											
CG3 (PWR)																											
EED-BC-1B																											
CH3 (PWR)																											
EED-BC-1C																											
CG4 (PWR)																											
EED-BC-1D																											
CH4 (PWR)																											
EED-PNL-1A																											
ED1A (PWR)																											
ED1B (PWR)																											
ED1C (PWR)																											
ED1D (PWR)																											
ED2A (PWR)																											
ED2B (PWR)																											
ED5 (PWR)																											
ED6 (PWR)																											
ED15A/B (Bus-tie)																											
EED-PNL-1B																											
ED51A (PWR)																											
ED51B (PWR)																											
ED51C (PWR)																											
ED51D (PWR)																											
ED52A (PWR)																											
ED52B (PWR)																											
ED55 (PWR)																											

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 17b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS			
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T						
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B						
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F						
A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1					
																				2	1	2	3	a	b	c	d	e					
ED56 (PWR)																																	
ED15A/B (Bus-tie)																																	
EED-PNL-1M																																	
ED11 (DC PWR)																																	
ED12 (DC PWR)																																	
ED61 (DC PWR)																																	
RU301 (CONT)																												Fault to these cables will not disable EED-PNL-1M.					
RU302 (IND)																																	
RU303 (CONT)																																	
RU304 (CONT)																																	
RU305 (CONT IND)																																	
RU307 (CONT)																																	
RU308 (CONT)																																	
RU309 (CONT)																																	
RU310 (CONT)																																	
EED-PNL-1E																																	
ED10A (DC PWR)																																	
ED10B (DC PWR)																																	
EED-PNL-1F																																	
ED60C (DC PWR)																												ED60A was Spared					
ED60D (DC PWR)																												ED60B was Spared					
EED-PNL-1P	E																																
ED112 (DC PWR)	X																																
EED-PNL-1Q		E																															
ED313 (DC PWR)		X																															

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 18b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS		
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B			B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F			F
A	A	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e	
ICS Cabinets																												Powered from ATA (normal) or ATB (backup)
EA6004 (CONT PWR)																												For RC1-LT-3, SP6A-PT-2, SP6B-PT-1
EA6005A (CONT PWR)																												EA6005 was Spared; for RC1-LT-1/2, SP6A-PT-1, SP6B-PT-2
EA6031B (PWR)																												Hand Power; EA6031 and EA6031A were Spared
EA6033 (CONT PWR)																												Hand Power
EA6034 (CONT PWR)																												Hand Power
EA6035 (CONT PWR)																												Hand Power
EA6041A (PWR)																												Auto Power; EA6041 was Spared
EA6043 (CONT PWR)																												Auto Power
EA6044A (CONT PWR)																												Auto Power
EA6044B (CONT PWR)																												Auto Power
EA6045 (CONT PWR)																												Auto Power
EA-6031C (Hand PWR)																												Knife Switch Normal Supply (ATA)
EA-6031D (Hand PWR)																												Knife Switch Back-up Supply (ATB)
EA6041B (Auto PWR)																												Knife Switch Back-up Supply (ATA)
EA6041C (Auto PWR)																												Knife Switch Normal Supply (ATB)
SCC-A																												

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 19b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS						
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R					T		
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B					B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F					F	F	F
		A	A	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	A					
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1			
																			2	1	2	3										
EA6822 (INST PWR)																												PWR for SCC-A1				
EA339 (PWR)																												New; Power for SCC-A3				
SCC-B																																
EA6824 (INST PWR)																												Power for SCC-B1 & B2				
EA6856 (INST PWR)																												Power for SCC-B2				
EA354 (PWR)																												Power for SCC-B3; New				
RSP-A																																
EA6823 (INST PWR)																												Power for Instrument Circuit				
RSP-B																																
EA6825 (INST PWR)																												Power for Instrument Circuit				
RSTSP-A																												For RSD Only				
EA6792 (PWR)																												Train X				
EA6912 (PWR)																												Train A				
RSTSP-B																												For RSD Only				
EA16 (PWR)																												Train B				
EA518 (PWR)																												Train C				
EA591 (PWR)																												Train C				
EA6892 (PWR)																												Train X				
RSTSP-C																												For RSD Only				
EA518 (PWR)																												Train C				
EA592 (PWR)																												Train C				

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 20b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																								REMARKS				
		D	D	F	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T		
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B			B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F			F		
		A	A	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	A				
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	2	3				
																		2	1	2	3	a	b	c	d	e				
ESAS Bistable Cabinets																										Common to ESAS "A" & "B"				
EA105 (CONT PWR)																										Cabinet 1. Train A-EE-PNL-VBA				
EA305 (CONT PWR)																										Cabinet 2. Train B-EE-PNL-VBB				
EA515 (CONT PWR)																										Cabinet 3. Train C-EE-PNL-VBC				
ESAS Relay Cabinets "A"																										ESAS "A"				
EA103 (CONT PWR)																										Cabinet 1A. Train A-EE-PNL-VBA				
EA303 (CONT PWR)																										Cabinet 2A. Train B-EE-PNL-VBB				
EA503A (CONT PWR)																										Cabinet 3A. Train C-EE-PNL-VBC				
ESAS Defeat Train A																														
RP31 (CONT)																														
RP431 (CONT)																														
RP764 (CONT)																														
ESAS Relay Cabinets "B"																										ESAS "B"				
EA104 (CONT PWR)																										Cabinet 1B. Train A-EE-PNL-VBA				
EA304A (CONT PWR)																										Cabinet 2B. Train B-EE-PNL-VBB				
EA714 (CONT PWR)																										Cabinet 3B. Train D-EE-PNL-VBD				
ESAS Defeat Train B																														
RR31 (CONT)																														

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6Q
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 21b

COMPONENTS AND CIRCUITS		AUXILIARY ELECTRICAL POWER SYSTEM																												REMARKS			
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R	R	R	R		T		
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B	B	B	B		B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F		F		
		A	A	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	a	b	c	d	e		Z	A	
		1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1			
																				2	1	2	3										
RR431 (CONT)																																	
RR764 (CONT)																																	
Control Room Lighting																																	
CG45 (AC PWR)				X			X																							Train A; Emergency (EED-PNL-CT-2)			
CH105A (AC PWR)																														Train B; Normal (EED-PNL-CT-2)			
ED1702 (DC PWR)							X																							Train C; DC Emergency (EED-PNL-1M)			
FS-PNL-CB-1 (CARDON)																																	
ZP1124 (CONT)							X																							Train X			
ZP1125 (CONT)							X																							Train X			
ZP1125A (CONT)																														Train X			
ZP1126 (CONT)							X																							Train X			

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6R
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1a

COMPONENTS AND CIRCUITS		INSTRUMENT AIR																												REMARKS				
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
IA-P-1A																																		
CG32 (PWR)																			X	X														
CG411 (CONT)																				X			X					X		X				
CG412 (CONT)																				X														
CG413 (CONT)																				X														
CG414 (CONT)																																		
CG415 (CONT)																				X			X											
CG416 (INTLK)																																		
CG417 (INTLK)																																		
CG418 (INTLK)																																		
CG419 (CONT)																																		
CG420 (CONT)																																		
CG422 (CONT)																																		
CG423 (CONT)																																		
IA-P-1B																																		
CH32 (PWR)																			X		X													
CH361 (CONT)																					X		X		X			X		X			Isolated for RSD	
CH362 (CONT)																			X		X													
CH363 (CONT)																					X													
CH364 (CONT)																																		
CH365 (CONT)																					X		X											
CH366 (INTLK)																																		
CH367 (INTLK)																																		
CH368 (INTLK)																																		
CH369 (CONT)																																		
CH370 (CONT)																																		
LEGEND																																		
X – Component Not Available																																		
E – Component Location																																		
S – Support Not Available																																		
P – Available – Cable Protected																																		
D – Design Modification																																		
R – Repair																																		

ATTACHMENT 3-6R
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

COMPONENTS AND CIRCUITS	INSTRUMENT AIR																												REMARKS						
	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B	C B	C B	C B		
	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A	F A	F A	F A	F A	F A	F A	F A	F A		F A	F A	F Z	F Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	3	3		3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c		d	a	b	a	b	
CH371 (CONT)																																			
CH372 (CONT)																																			
CH374 (CONT)																					X	X											For RSD Only; New		

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6R
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	INSTRUMENT AIR																							
	D G	D G	F H	F H	F H	F H	F H	F H	I B	I B	I B	I B	I B	I B	I B	I B	I S	I S	I S	I S	R B	R B	R B	R B
	F A	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1 a	1 b	1 c	1 d
IA-P-1A											E													
CG32 (PWR)										X			X											X
CG411 (CONT)																								
CG412 (CONT)										X			X	X										X
CG413 (CONT)																								
CG414 (CONT)										X														
CG415 (CONT)																								X
CG416 (INTLK)																								X
CG417 (INTLK)																								X
CG418 (INTLK)																								X
CG419 (CONT)										X			X											X
CG420 (CONT)										X														
CG422 (CONT)										X														
CG423 (CONT)										X														
IA-P-1B																								
CH32 (PWR)									X	X			X											X
CH361 (CONT)																								Isolated for RSD
CH362 (CONT)										X														
CH363 (CONT)																								
CH364 (CONT)										X														
CH365 (CONT)																								X
CH366 (INTLK)																								X
CH367 (INTLK)																								X
CH368 (INTLK)																								X
CH369 (CONT)										X			X											X
CH370 (CONT)										X														

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair

ATTACHMENT 3-6R
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2b

COMPONENTS AND CIRCUITS		INSTRUMENT AIR																												REMARKS					
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	I	S	R	R	R	R	R	R	T		Y				
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B	B	B	B	B		A	R			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		F	D			
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	Z		A				
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1						
																				2	1	2	3												
CH371 (CONT)												X																							
CH372 (CONT)												X																							
CH374 (CONT)																														For RSD Only; New					

LEGEND

X – Component Not Available
E – Component Location
S – Support Not Available
P – Available – Cable Protected
D – Design Modification
R – Repair