

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

SHEET 1a

COMPONENTS AND CIRCUITS	DECAY HEAT CLOSED CYCLE COOLING WATER																												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					
	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							
	A	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							
	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			
DC-P-1A																		E																			
LP2 (PWR)									X	X								R			X	X															
LP21 (CONT)																					X			X						X	X						
LP23 (CONT)																					X	P		X					X	X	X						
DC-P-1B																		E																			
LS2 (PWR)										X								R			P		X														
LS21 (CONT & IND)																						X													Rerouted by RSD		
LS21A (CONT)																					X			X	P	X									New; Isolated for RSD		
LS21B (CONT)																									P				X	X					Formerly Part of LS21; Isolation for RSD		
LS23 (CONT)																												X	X	X	X				Isolated for RSD		
LS20 (CONT)																						X													New		
LS25 (CONT)																						X	X												New; Required Only for RSD		
DC-V-2A	E																																		Electro-Pneumatic		
RV663 (PWR)	X								X																												
RV191 (PWR)									X												X	X					X		X								
RV184 (PWR)																																	X				
DC-V-2B		E																																		Electro-Pneumatic	
RV665 (PWR)	X								X	X																											
RV215 (PWR)										X																							X				
RV213 (PWR)																																X	X				
DC-V-65A	E																																			Electro-Pneumatic	
RV664 (PWR)	X								X																												
RV191 (PWR)									X												X	X					X		X								
RV184 (PWR)																																		X			

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

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

SHEET 2a

COMPONENTS AND CIRCUITS	DECAY HEAT CLOSED CYCLE COOLING WATER																												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	C	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	I	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	T	T	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	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	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	
				a	b	c					a									a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
DC-V-65B			E																															Electro-Pneumatic	
RV666 (PWR)		X						X	X																										
RV215 (PWR)										X																									X
RV213 (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 3-6N  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	DECAY HEAT CLOSED CYCLE COOLING WATER																								REMARKS			
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T		
	G	G	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	H	H	H	H	F	F	F		F	F	F
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	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	a	b	c	d	e			
DC-P-1A																												
LP2 (PWR)			X					X																				
LP21 (CONT)																												
LP23 (CONT)																												
DC-P-1B																												
LS2 (PWR)				X																								
LS21 (CONT & IND)																												Rerouted by RSD
LS21A (CONT)																												New; Isolated for RSD
LS21B (CONT)																												Formerly Part of LS21; Isolated for RSD
LS23 (CONT)																												Isolated for RSD
LS20 (CONT)																												New
LS25 (CONT)																												New; Required Only for RSD
DC-V-2A																												Electro-Pneumatic
RV663 (PWR)																												
RV191 (PWR)			X																									
RV184 (PWR)																												
DC-V-2B																												Electro-Pneumatic
RV665 (PWR)																												
RV215 (PWR)			X	X			X																					
RV213 (PWR)																												
DC-V-65A																												Electro-Pneumatic
RV664 (PWR)																												
RV191 (PWR)			X																									
RV184 (PWR)																												

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

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

SHEET 2b

		DECAY HEAT CLOSED CYCLE COOLING WATER																				REMARKS							
		D	D	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	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	H	H	H	H	F	F	F	F	F	F	F		
COMPONENTS AND CIRCUITS		A	A	Z	Z	Z	Z	Z	Z	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	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e				
DC-V-65B																													Electro-Pneumatic
RV666 (PWR)																													
RV215 (PWR)				X	X			X																					
RV213 (PWR)																													

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

ATTACHMENT 3-60  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	DECAY HEAT RIVER WATER																												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 B	A 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 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	4	4	5	5					
DR-P-1A																																						
LR3 (PWR)																																						
LR23 (CONT)																						X	P															
LR24 (CONT)																							X															
DR-P-1B																																						
LT2 (PWR)																																						
LT21 (CONT & IND)																																						
LT21A (CONT & IND)																																						
LT21B (CONT & IND)																																						
LT23 (CONT)																																						
LT24 (CONT)																																						
LT30 (CONT)																																						
DR-S-1A																																						
CBE2 (PWR)																																						
CBE9 (PWR)																																						
CBE507 (CONT)																																						
DR-S-1B																																						
CBF5 (PWR)																																						
CBF39 (PWR)																																						
CBF409 (CONT)																																						
DR-V-1A																																						
CBE59 (PWR)																																						
CBE476 (CONT)																																						
CBE477 (CONT)																																						

<b>LEGEND</b> X – Component Not Available E – Component Location S – Support Not Available P – Available – Cable Protected D – Design Modification R – Repair
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ATTACHMENT 3-60  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

COMPONENTS AND CIRCUITS	DECAY HEAT RIVER WATER																												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	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	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					
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	Z	Z	A	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	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			
CBE478 (INTLK)																																						
DR-V-1B																																						
CBF71 (PWR)																																						
CBF361 (CONT)																				X			X	X													Rerouted by RSD	
CBF362 (CONT)																																						
CBF364 (CONT)																				X			X	X														New
CBF361A (CONT)																						X			X	P	X											New; Isolated for RSD
CBF366 (CONT)																						X	X															New; Required Only for RSD
CBF361B (CONT)																										P								X		X		Formerly Part of CBF361; Isolated for RSD

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>X – Component Not Available</li> <li>E – Component Location</li> <li>S – Support Not Available</li> <li>P – Available – Cable Protected</li> <li>D – Design Modification</li> <li>R – Repair</li> </ul>
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ATTACHMENT 3-60  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	DECAY HEAT RIVER WATER																												REMARKS	
	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	B	B	B	B	B	B	B	B	B	B	S	S	S	S	S	B	B	B	B	B		
A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	F	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	Z	1	1	1	1	1	2	3	1	
																	2	1	2	3										
DR-P-1A																		E												
LR3 (PWR)																		X												
LR23 (CONT)																														
LR24 (CONT)			X					X										X	R											
DR-P-1B																			E											
LT2 (PWR)																			X											
LT21 (CONT & IND)			P	X			X											R	X											Rerouted by RSD
LT21A (CONT & IND)																														New; Isolated for RSD
LT21B (CONT & IND)																														Formerly Part of LT21; Isolated for RSD
LT23 (CONT)																														New; Isolated for RSD
LT24 (CONT)			P	X			X											R	X											New
LT30 (CONT)																														Required Only for RSD
DR-S-1A																			E											
CBE2 (PWR)																			X											
CBE9 (PWR)																			X											
CBE507 (CONT)																			X											
DR-S-1B																				E										
CBF5 (PWR)																				X										
CBF39 (PWR)																				X										
CBF409 (CONT)																				X										
DR-V-1A																				E										
CBE59 (PWR)																			X											
CBE476 (CONT)			X				X												X	X										
CBE477 (CONT)																			X											

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

ATTACHMENT 3-60  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	DECAY HEAT RIVER WATER																												REMARKS
	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	B	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	Z	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	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1	
																	2	1	2	3									
CBE478 (INTLK)																	X												
DR-V-1B																		E											
CBF71 (PWR)																		X											
CBF361 (CONT)			P	X			X										X	X									Rerouted by RSD		
CBF362 (CONT)																		X											
CBF364 (CONT)			P	X			X										X	X									New		
CBF361A (CONT)																											New; Isolated for RSD		
CBF366 (CONT)																											New; Required Only for RSD		
CBF361B (CONT)																											Formerly Part of CBF361; Isolated for RSD		

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>X – Component Not Available</li> <li>E – Component Location</li> <li>S – Support Not Available</li> <li>P – Available – Cable Protected</li> <li>D – Design Modification</li> <li>R – Repair</li> </ul>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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		
	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				
	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			
	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	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	
NI-11																																	Powered from SCC-A3	
EA19 (PWR)																				X	X	P										X		New
EA340 (PWR)																															X	X		New
RG341 (INST)																																		New
RG341A (INST)																																		New
RG341B (INST)																																		New; Conduit Embedded
RG342 (INST)																							X								X		New	
RG343 (INST)																														X	X		New	
NI-12																																		Powered from SCC-B3
EA20 (PWR)																																		New
EA355 (PWR)																																		New
RG440 (INST)																																		New
RG441 (INST)																																		New
RG441A (INST)																																		New
RG441B (INST)																																		New; Conduit Embedded
RG442 (INST)																																		New
RG443 (INST)																																		New; Required Only for Control Room Indication
RC4A-TE-1																																		Powered from ICS Auto
RE170 (INST)																																		
RE170A (INST)																																		
RE174 (INST)																																X	X	Required for RC4A/B-TE-1/4
RE175 (INST)																																X	X	Required for RC4A/B-TE-1/4
AP25 (INST)																																X	X	For Patch Board
AR1434 (INST)																																	X	Required Also for RC4B-TE-1/4
AR1440 (INST)																																	X	Required Also for RC4A/5B-TE-4

LEGEND

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

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

SHEET 2a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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	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	Z	Z	1	2	2	2	2	2	2	2	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		
RE170B (INST)																																	New		
RC4A-TE-4																																		Powered from ICS Auto	
RE172 (INST)																									X						X				
RE172A (INST)																																			
RC4B-TE-1																																		Powered from ICS Auto	
RE171 (INST)																													X	X					
RE171A (INST)																																			
AP26 (INST)																							X						X	X				For Patch Board	
AR1435 (INST)																															X			Required Also for RC 4A/B-TE-4	
RC4B-TE-4																																		Powered from ICS Auto	
RE173 (INST)																																X			
RE173A (INST)																																			
RC-TE-958																																		Powered from SCC-A	
EA6853 (INST PWR)																														X	X		X		Required only for Control Room Indication
RE503 (INST)																			X		X		X	X	X	X									
RE503A (INST)																																			
RE504 (INST)																						X							X						Required Only for RSD Indication
RE515 (INST)																			X		X		X	X	X	X	X	X	X	X				Required only for Control Room Indication	
RC-TE-960																																			Powered from SCC-B
EA6854A (INST PWR)																				X	X		X						X	X				Required Only for Control Room Indication. EA6854 was Spared	
RE501 (INST)																					X		X		X										
RE501A (INST)																																			
RE502 (INST)																					X														
RE519 (INST)																					X	X	X					X	X						Required Only for Control Room

**LEGEND**

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

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

SHEET 3a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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					
	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	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	1	a	a	b	b	c	d	e	f	g	a	b	c	d	a	b	a	b			
																																			Indication.		
RC5A-TE-2																																			Powered from ICS Auto		
RE178 (INST)																																			X X		
RE178A (INST)																																					
RE178B (INST)																																				New	
RE185 (INST)																																			X X	Required for RC 5A/5B-TE-2/4	
RE187 (INST)																																			X X	Required Also for RC5A/B-TE-2/4	
AP29 (INST)																																			X X	For Patch Board	
AR1437 (INST)																																			X	Required Also for RC5A-TE-4, RC5B-TE-2	
RC5A-TE-4																																				X	Powered from ICS Auto
RE180 (INST)																																				X	
RE180A (INST)																																					
RE180B (INST)																																					New
RC5B-TE-2																																					Powered from ICS Auto
RE182 (INST)																																				X X	
RE182A (INST)																																					
AP32 (INST)																																				X X	For Patch Board
RC5B-TE-4																																					Powered from ICS Auto
RE184 (INST)																																				X	
RE184A (INST)																																					
RC-TE-959																																					Powered from SCC-A
EA6853 (INST PWR)																																				X X X	Required Only for Control Room Indication
RE461 (INST)																																				X X X X X	
RE461A (INST)																																					
RE462 (INST)																																				X	Required Only for RSD Indication

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS											
	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	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	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			
	A	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	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			
RE516 (INST)																		X			X		X		X	X	X	X						Required Only for Control Room Indication		
RC-TE-961																																			Powered from SCC-B	
EA6854A (INST PWR)																			X	X		X						X		X				Required Only for Control Room Indication; EA6854 was Spared		
RE463 (INST)																				X		X		X												
RE463A (INST)																																				
RE464 (INST)																				X																
RE520 (INST)																				X		X		X					X		X				Required Only for Control Room Indication	
RC3A-PT-3																																				Powered by EE-PNL-VBA and ICS Auto
EA105 (CONT PWR)																		X	P		X						X									
RE167 (INST)																												X		X						
RE213 (INST)																											X	X								
RG201 (INST)																							X		X	P	X	X								
RG201A (INST)																																				
RG201B (INST)																																				New
RC-PT-963																																				RSD Indication Only. Powered by SCC-A
RE509 (INST)																		X			X		X		X	X	X									
RE509A (INST)																																				
RE526 (INST)																			X								X								New	
RC-PT-949																																				Powered by SCC-B
EA6854A (INST PWR)																			X	X		X						X		X					Required Only for Control Room Indication; EA6854 was Spared.	
RE499 (INST)																			X		X		X													

<p><b>LEGEND</b></p> <p>X - Component Not Available                  E - Component Location                  S - Support Not Available                  P - Available - Cable Protected                  D - Design Modification                  R - Repair</p>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 5a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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					
	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	Z	Z				
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	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	b	c	d	e	f	g	a	b	c	d	a	b	a	b				
RE499A (INST)																																					
RE500 (INST)																							X														
RE517 (INST)																						X	X	X				X	X					Required Only for Control Room Indication			
RC1-LT-1																																			Powered by ICS Auto		
AP21 (INST)																					D							X	X					For Patch Board; Also for RC1-LT-3			
RE156 (INST)																												X	X								
RE156A (INST)																																					
RE159 (INST)																													X	X					Required Also for RC1-LT-3		
RE161 (INST)																													X	X					Required Also for RC1-LT-3		
RC1-LT-3																																			Powered by ICS Hand		
RE158 (INST)																																					
RE158B (INST)																																				RE158A was Spared	
RC-LT-777																																				Powered by SCC-B	
RE497 (INST)																						X	X	X													
RE497A (INST)																																					
RE498 (INST)																						X															
RE521 (INST)																						X	X	X				X	X						Required Only for Control Room Indication		
RC2-TE-1																																				Powered by ICS Auto	
RE162 (INST)																																					
RE162A (INST)																																					
RE162C (INST)																																					
RE164 (INST)																																					Required Also for RC2-TE-2
RE165 (INST)																																					Required Also for RC2-TE-2
RC2-TE-2																																					Powered by ICS Auto and SCC-B

<p><b>LEGEND</b></p> <p>X – Component Not Available                  E – Component Location                  S – Support Not Available                  P – Available – Cable Protected                  D – Design Modification                  R – Repair</p>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																											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	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				
	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	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b			
RE495 (INST)																					X	X	X													
RE495A (INST)																																				
RE495B (INST)																																				
RE496 (INST)																					X							X	X						Required Only for Control Room Indication	
FW-LT-775																																			Powered by SCC-A	
EA6850 (INST PWR)																											X	X		X					Required Only for Control Room Indication	
RE473 (INST)																			X	P	P	X		X			X									
RE473B (INST)																																				New
RE473C (INST)																																				RE473A was Spared
RE474 (INST)																					X						X								Required Only for RSD Indication; New	
RE510 (INST)																			X	P	P	X		X			X	X		X					Required Only for Control Room Indication	
RL184 (INST)																												X	X							Required Only for Control Room Indication
FW-LT-789																																				Powered by SCC-B
EA6851A (INST PWR)																				X	X		X					X	X						Required Only for Control Room Indication; EA6851 was Spared	
EA6852 (INST PWR)																												X	X							Required Only for Control Room Indication
EA6852A (INST PWR)																												X	X							Required Only for Control Room Indication
RE475 (INST)																					X		X		X											
RE475A (INST)																																				
RE476 (INST)																					X															
RL183 (INST)																												X	X							Required Only for Control Room Indication

**LEGEND**

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																				REMARKS															
	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	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					
	A	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	A	Z	Z				
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1																				
				a	b	c				a					0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
RL513 (INST)																					X		X		X				X	X				Required Only for Control Room Indication		
FW-LT-788																																			Powered by SCC-A	
EA6850 (INST PWR)																													X	X		X			Required Only for Control Room Indication	
RE477 (INST)																			X		X		X		X	X	X									
RE477A (INST)																																				
RE478 (INST)																					X								X						Required Only for RSD Indication	
RE511 (INST)																			X		X		X		X	X	X	X	X	X	X				Required Only for Control Room Indication	
RL184 (INST)																													X	X						Required Only for Control Room Indication
FW-LT-776																																				Powered by SCC-B
EA6851A (INST PWR)																			X	X		X							X	X					Required Only for Control Room Indication; EA6851 was Spared	
EA6852 (INST PWR)																													X	X						Required Only for Control Room Indication
EA6852A (INST PWR)																													X	X						Required Only for Control Room Indication
RE479 (INST)																					X		X		X											
RE479A (INST)																																				
RE480 (INST)																					X															
RL183 (INST)																														X	X					Required Only for Control Room Indication
RE512 (INST)																					X		X		X				X	X					Required Only for Control Room Indication	
SP6A-PT-1																																				Powered by ICS Hand and Auto
RE109 (INST)																													X	X						
RE109A (INST)																																				

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

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

SHEET 8a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																														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	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					
	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	A				
	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	1	a	a	b	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
RE109B (INST)																																			New		
RE113 (CONT)																																		X	X	Required Also for SP6A-PT-2	
RE114 (INST)																																	X	X	Required Also for SP6A-PT-2		
RF202 (CONT)																																	X		Required Also for SP6A-PT-2		
RF219 (CONT)																																	X		Required Also for SP6A-PT-2		
RF220 (CONT)																																	X		Required Also for SP6A-PT-2		
SP6A-PT-2																																			Powered by ICS Hand and Auto		
RE111 (INST)																																		X	X		
RE111A (INST)																																					
MS-PT-950																																				Powered by SCC-A	
EA6853 (INST PWR)																																		X	X	X	Required Only for Control Room Indication
RE465 (INST)																				X	P	P	X		X								X				
RE465C (INST)																																					RE465A was Spared
RL43 (INST)																																		X		Isolated for a fire in FH-FZ-5	
RE514 (INST)																				X	P	P	X		X								X	X	X	Required only for Control Room Indication	
RE465B (INST)																																					New
RE466 (INST)																																			X		Required Only for RSD Indication
SP6B-PT-1																																					Powered by ICS Hand and Auto
RE110 (INST)																																		X		X	
RE110A (INST)																																					
RE113 (CONT)																																			X	X	Required Also for SP6B-PT-2
RE114 (INST)																																		X	X	Required Also for SP6B-PT-2	
RF209 (CONT)																																		X		Required Also for SP6B-PT-2	
RF220 (CONT)																																		X		Required Also for SP6B-PT-2	

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



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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												REMARKS							
	A	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	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			
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	Z	A	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	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
SP6B-PT-2																																			Powered by ICS Hand and Auto	
RE112 (INST)																																	X	X		
RE112A (INST)																																				
RE112B (INST)																																				New
MS-PT-951																																				Powered by SCC-B
EA6854A (INST PWR)																						X	X		X							X		X	Required Only for Control Room Indication; EA6854 was Spared	
RE467 (INST)																						X	X		X											
RE467A (INST)																																				
RE468 (INST)																						X														
RE518 (INST)																						X	X		X							X		X	Required Only for Control Room Indication	
RL53 (INST)																						X	X		X											Isolated for a fire in FH-FZ-5
DH-DPT-802	E																																			Cable Info for Historical Reference Only. Powered by SCC-A
RE232A (INST)																					X		X	X	X	X	X	X			X				New; Required Only for Control Room Indication	
RE469 (INST)	X							X	X												X		X	X	X	X	X									
RE470 (INST)																						X											X			Required Only for RSD Indication
RE469A (INST)																																X				New
DH-DPT-803		E																																		Cable Info for Historical Reference Only. Powered by SCC-B
RE234A (INST)																						X	X		X						X		X		New; Required Only for Control Room Indication	
RE471 (INST)		X						X	X													X	X		X											
RE472 (INST)																						X														
RE471A (INST)																						X														New
DH-FI-299A									E																											Local Indication

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>X - Component Not Available</li> <li>E - Component Location</li> <li>S - Support Not Available</li> <li>P - Available - Cable Protected</li> <li>D - Design Modification</li> <li>R - Repair</li> </ul>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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						
	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					
	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	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
DH-FI-299B									E																									Local Indication		
DH2-TE-1	E																																		Powered by SCC-A	
RE250 (INST)																														X		X		Required Only for Control Room Indication		
RE486 (INST)	X							X	X										X		X	X	X	X	X											
RE487 (INST)																					X										X				Required Only for RSD Indication	
RE488 (INST)																													X	X					Required Only for Control Room Indication	
DH2-TE-2		E																																	Powered by SCC-B	
RE250 (INST)																														X		X			Required Only for Control Room Indication	
RE492 (INST)		X						X	X											X		X	X													
RE493 (INST)																					X															
RE494 (INST)																				X								X	X						Required Only for Control Room Indication	
DH6-TE-1		E																																	Cable Info for Historical Reference Only. Powered by SCC-A	
RE244 (INST)																														X		X			Required Only for Control Room Indication	
RE483 (INST)	X							X	X										X		X	X	X	X	X											
RE484 (INST)																					X											X				Required Only for RSD Indication
RE485 (INST)																														X	X					Required Only for Control Room Indication
DH6-TE-2		E																																	Cable Info for Historical Reference Only. Powered by SCC-B	
RE244 (INST)																														X		X			Required Only for Control Room Indication	
RE489 (INST)		X						X	X											X		X	X													
RE490 (INST)																				X																

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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					
	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	Z	Z			
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	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			
RE491 (INST)																						X								X	X			Required Only for Control Room Indication		
CO-LI-1004																																			Local Indication	
CO-LI-1005																																			Local Indication	
MU14-LT																																			Cable Info for Historical Reference Only. Powered by ICS Auto	
RE44 (INST)										X																				X	X					
RE45 (INST)																															X		X			
MU-LT-778																																			Cable Info for Historical Reference Only. Powered by SCC-B	
RE481 (INST)																				X	X	X														
RE482 (INST)																				X																
RE522 (INST)																				X	X	X								X	X				Required Only for Control Room Indication	
EA6851A (INST PWR)																				X	X	X								X	X				For Control Room Indication Only	
EA6852 (INST PWR)																														X	X				For Control Room Indication Only	
DH-LT-808																																			Powered by SCC-A	
RE239A (INST)																					X	X	X	X	X	X	X								New	
RE383 (INST)								P	X										X		X	X	X	X	X										New	
DH-LT-809																																				Powered by SCC-B
RE237A (INST)																					X	X	X						X	X					New; Required only for Control Room Indication	
RE384 (INST)								X	P											X	X	X														
RE385 (INST)																				X																
EF-FT-788																																			Cable Info for Historical Reference Only. Powered by SCC-B	
RK848 (INST)																																				

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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 B	A 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	C B	C B	C B		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	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					
RK885 (INST)																						X	X	X													
RK886 (INST)																						X	X	X											Required Only for Control Room Indication		
RK887 (INST)																										X			X	X						Required Only for Control Room Indication	
RK896 (INST)																						X														New; Required Only for RSD Indication	
EF-FT-779																																				Cable Info for Historical Reference Only. Powered from EE-PNL-VBC	
RK835 (INST)																																				X	
RK888 (INST)																																				X	
RK889 (INST)																																				X	
RK890 (INST)																													X	X		X				Required Only for Control Room Indication	
RK897 (INST)																						X														New; Required Only for RSD Indication	
EA516 (INST PWR)																						X		X	X											Required Also for EF-FT-791	
EA517 (INST PWR)																														X	X					Required only for Control Room Indication; Also Required for EF-FT-791	
EA519 (PWR)																						X														New; Also Required for EF-FT-791	
EF-FT-782																																					Cable Info for Historical Reference Only. Powered from SCC-B
RK836 (INST)																																				X	
RK882 (INST)																						X	X	X													
RK883 (INST)																						X	X	X												Required Only for Control Room Indication	
RK884 (INST)																										X			X	X							Required Only for Control Room Indication

<p><b>LEGEND</b></p> <p>X – Component Not Available  E – Component Location  S – Support Not Available  P – Available – Cable Protected  D – Design Modification  R – Repair</p>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																													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 B	A 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 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	2	3	3	3	4	4	5	5	
RK895 (INST)																					X													New; Required only for RSD Indication	
EF-FT-791																																		Cable Info for Historical Reference Only. Powered from EE-PNL-VBC	
RK847 (INST)																																			
RK891 (INST)																																			
RK892 (INST)																																			
RK893 (INST)																										X	X			X				Required Only for Control Room Indication	
RK898 (INST)																					X													New; Required Only for RSD Indication	
FW-LT-1044																																		Cable Info for Historical Reference Only. Powered by HSPS-A	
RL3 (INST)																						X	X												
RL3A (INST)																																			
RL48 (INST)																												X		X					
FW-LT-1040																																			Cable Info for Historical Reference Only. Powered by HSPS-B
RL23 (INST)																									X										
RL23A (INST)																																			
RL59 (INST)																									X			X		X					
RL189 (INST)																									X			X		X					
FW-LT-1045																																			Cable Info for Historical Reference Only. Powered by HSPS-C
RL13 (INST)																												X							
RL13A (INST)																																			
FW-LT-1041																																			Cable Info for Historical Reference Only. Powered by HSPS-D
RL33 (INST)																													X						

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								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	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	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	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	A	A	A	Z	Z	Z				
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	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								
RL33A (INST)																																										
FW-LT-1046																																									Cable Info for Historical Reference Only. Powered by HSPS-A	
RL4 (INST)																									X	X																
RL4A (INST)																																										
RL40 (IND)																																										
FW-LT-1042																																									Cable Info for Historical Reference Only. Powered by HSPS-B	
RL24 (INST)																											X															
RL24A (INST)																																										
RL190 (INST)																										X																
FW-LT-1047																																									Cable Info for Historical Reference Only. Powered by HSPS-C	
RL14 (INST)																																										
RL14A (INST)																																										
FW-LT-1043																																										Cable Info for Historical Reference Only. Powered by HSPS-D
RL34 (INST)																																										
RL34A (INST)																																										
FW-LT-1052																																										Cable Info for Historical Reference Only. Powered by HSPS-A
RL1 (INST)																											X	X														
RL1A (INST)																																										
RL48 (IND)																																										
FW-LT-1048																																										Cable Info for Historical Reference Only. Powered by HSPS-B
RL21 (INST)																																										
RL21A (INST)																																										

<p><b>LEGEND</b></p> <p>X – Component Not Available        E – Component Location        S – Support Not Available        P – Available – Cable Protected        D – Design Modification        R – Repair</p>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 15a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																				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 B	C B	C B		C B	C B	C B	C B	C B	C B	C B	C B									
RL59 (INST)																											X		X	X								
RL189 (INST)																												X		X	X							
FW-LT-1053																																		Cable Info for Historical Reference Only. Powered by HSPS-C				
RL11 (INST)																															X							
RL11A (INST)																																						
FW-LT-1049																																			Cable Info for Historical Reference Only. Powered by HSPS-D			
RL31 (INST)																																X						
RL31A (INST)																																						
FW-LT-1054																																				Cable Info for Historical Reference Only. Powered by HSPS-A		
RL2 (INST)																							X	X														
RL2A (INST)																																						
RL40 (IND)																														X		X						
FW-LT-1050																																				Cable Info for Historical Reference Only. Powered by HSPS-B		
RL22 (INST)																											X											
RL22A (INST)																																						
RL189 (INST)																												X			X	X						
FW-LT-1055																																					Cable Info for Historical Reference Only. Powered by HSPS-C	
RL12 (INST)																															X							
RL12A (INST)																																						
FW-LT-1051																																						Cable Info for Historical Reference Only. Powered by HSPS-D
RL32 (INST)																															X							
RL32A (INST)																																						

<b>LEGEND</b> X – Component Not Available E – Component Location S – Support Not Available P – Available – Cable Protected D – Design Modification R – Repair
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ATTACHMENT 3-6P  
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 16a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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	F	F	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	1		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b				
CO-LT-1060																																				Cable Info for Historical Reference Only. Powered by HSPS-A		
RL41 (INST)																																					X X	
RL186 (INST)																																					X X	
CO-LT-1061																																						Cable Info for Historical Reference Only. Powered by HSPS-B
RL51 (INST)												X	X																								X	
RL185 (INST)																																					X X	
CO-LT-1062																																						Cable Info for Historical Reference Only. Powered by HSPS-A
RL42 (INST)																																					X X	
RL186 (INST)																																					X X	
CO-LT-1063																																						Cable Info for Historical Reference Only. Powered by HSPS-B
RL52 (INST)												X	X																								X	
RL185 (INST)																																					X X	
MS-PT-1180																																						Powered by HSPS-B
RL27 (INST)																																					X	
RL27A (INST)																																						
RL192 (INST)																																					X X	
MS-PT-1182																																						Powered by HSPS-C
RL15 (INST)																																					X	
MS-PT-1181																																						Powered by HSPS-D
RL37 (INST)																																					X	
MS-PT-1184																																						Powered by HSPS-A
RL9 (INST)																																					X X	
RL9A (INST)																																						

**LEGEND**

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



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

SHEET 17a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																											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	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	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					
	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	Z					
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	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	b	c	d	e	f	g	a	b	c	d	a	b	a	b					
RL191 (INST)																									X	X			X	X								
MS-PT-1185																																			Powered by HSPS-C			
RL16 (INST)																												X										
MS-PT-1183																																				Powered by HSPS-D		
RL38 (INST)																													X									
BS-PT-1186																																				Cable Info for Historical Reference Only. Powered by HSPS-A		
RL10 (INST)								X		X										X	X																	
BS-PT-1187																																					Cable Info for Historical Reference Only. Powered by HSPS-B	
RL28 (INST)																								X														
BS-PT-1188										E																											Cable Info for Historical Reference Only. Powered by HSPS-C	
RL19 (INST)								X		X																			X									
BS-PT-1189										E																												Cable Info for Historical Reference Only. Powered by HSPS-D
RL39 (INST)								X		X																				X								
FW-TE-1046																																						Cable Info for Historical Reference Only. Powered by HSPS-A
RL7 (INST)																								X	X													
RL7A (INST)																																						
FW-TE-1044																																						Cable Info for Historical Reference Only. Powered by HSPS-B
RL25 (INST)																									X													
RL25A (INST)																																						
FW-TE-1047																																						Cable Info for Historical Reference Only. Powered by HSPS-C
RL17 (INST)																														X								

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>X – Component Not Available</li> <li>E – Component Location</li> <li>S – Support Not Available</li> <li>P – Available – Cable Protected</li> <li>D – Design Modification</li> <li>R – Repair</li> </ul>
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ATTACHMENT 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

		INSTRUMENTATION AND CONTROLS																												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			
COMPONENTS AND CIRCUITS		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				
		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			
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1			1	2	2	2	2	2	2	2	3	3	3	4	4	5	5	
					a	b	c				a					0	1	1		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
RL17A (INST)																																			
FW-TE-1045																																			Cable Info for Historical Reference Only. Powered by HSPS-D
RL35 (INST)																																	X		
RL35A (INST)																																			
FW-TE-1050																																			Cable Info for Historical Reference Only. Powered by HSPS-A
RL8 (INST)																												X	X						
RL8A (INST)																																			
FW-TE-1048																																			Cable Info for Historical Reference Only. Powered by HSPS-B
RL26 (INST)																																X			
RL26A (INST)																																			
FW-TE-1051																																			Cable Info for Historical Reference Only. Powered by HSPS-C
RL18 (INST)																															X				
RL18A (INST)																																			
FW-TE-1049																																			Cable Info for Historical Reference Only. Powered by HSPS-D
RL36 (INST)																																X			
RL36A (INST)																																			
IC5-DPT										E																									Powered by ICS Auto
EA6041B (PWR)																								X											
RE258 (INST)											X																			X	X				
RE259 (IND)																															X	X			
IC9-TE																																			Powered by ICS Auto
RE262 (INST)																								X						X					
RE262A (INST)																																			

**LEGEND**

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

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

SHEET 19a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	
	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			
	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	Z	Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1																	
				a	b	c				a				0	1	1	1																
RE263 (INST)																											X	X					
MU5-TE							E																										
RE42 (INST)							X	X	X																		X	X					
RE43 (INST)																											X						
MU42-DPT							E																										
EA6041B (PWR)																							X										
RE330 (CONT)																											X	X			Cable cannot affect the seal injection flow indication loop		
RE348 (INST)							X	X	X																		X						
RE354 (IND)																											X	X					
RC3A-PT-1																																	
RE228 (INST)																											X	X					
RG18 (INST)																											X						
RG18A (INST)																																	
RG18B (INST)																																	
SP10A-PT-1																																	
RE137 (INST)																											X						
RE141 (CONT)																											X	X					
RE142 (INST)																											X	X					
SP10A-PT-2																																	
RE138 (INST)																											X						
SP10B-PT-1																																	
RE139 (INST)																											X						
SP10B-PT-2																																	
RE140 (INST)																											X						
DF-LS-244A																																	

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>X – Component Not Available</li> <li>E – Component Location</li> <li>S – Support Not Available</li> <li>P – Available – Cable Protected</li> <li>D – Design Modification</li> <li>R – Repair</li> </ul>
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ATTACHMENT 3-6P  
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																										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	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	A	A	A	A	A	A	A	A	A	A	A	A	A								
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	1	2	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5			
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	Z	Z	a	a	b	b	c	c	d	e	f	g	a	b	c	d	a	b	a	b		
				a	b	c				a				0	1	1	a																						
ED1326 (CONT)																																							
RY172 (CONT)																																							
DF-LS-244B																																							
ED1526 (CONT)																																							
RZ172 (CONT)																																							
RM-L-1																																						Powered by EE-PNL-VBA	
RM1001 (HV)																																			X	X			
RM1002 (SIG)																																		X	X				
RM1003 (ANTI-JAM)																																			X	X			
RM1004 (MET)																																			X	X			
RM1005 (CONT/ALM)																																				X	X		
RM1006 (HV)																																							
RM1007 (SIG)																																							
RM1007A (16)																																							
RM1008 (ANTI-JAM)																																							
RM1009 (SIG)																																							
RM1010 (CONT)																																							
EA102 (CONT PWR)																																						X	X
RC3A-PT-4																																						Powered by EE-PNL-VBB	
RG202 (INST)																																				X	X		
RG202B (INST)																																							
RC3B-PT-3																																							
RG203 (INST)																																				X			

LEGEND

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

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

SHEET 21a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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	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	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	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	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b			
RG203B (INST)																																						
BS-PT-282																																						Powered by EE-PNL-VBA
RS211 (INST)												X											X	X	X	X												
EA108 (INST PWR)												X	X	X								X	X															
EA6872 (CONT PWR)																						X	X															
RC826 (INST)																																						Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)
RC827 (INST)																																						Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)
RC828 (INST)																																						Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)
RC829 (CONT)																						X	X															
RC830 (CONT)																						X	X															
RC831 (CONT)																						X	X															
BS-PT-285																																						Powered by EE-PNL-VBB
EA308 (INST PWR)																																						
RS212 (INST)																																						
BS-PT-288																																						Powered by EE-PNL-VBC
EA508 (INST PWR)																																						
RS213 (INST)																																						
BS-PS-932																																						
RP735 (CONT)																																						
BS-PS-933																																						
RP745 (CONT)																																						

**LEGEND**

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

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

SHEET 22a

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																									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	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	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	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	A	A	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	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5			
				a	b	c					a								a	b	c	d	e	f	g	a	b	c	d	a	b	a	b				
BS-PS-934											E																										
RP755 (CONT)										X	X			X																				X			
BS-PS-935										E																											
RR735 (CONT)										X																								X			
BS-PS-936										E																											
RR745 (CONT)										X																										X	
BS-PS-937										E																											
RR755 (CONT)										X																									X		
IC-LT-802																																					
AR1464 (INST)																			X			X		X		X	X	X									
RP821 (CONT)																																			X		
RP843 (CONT)																																		X			
IC-LT-803																																					
AR1471 (INST)																						X		X		X											
RP824 (CONT)																			X	X													X				
RP846 (CONT)																																X	X				
BS-PS-283										E																											
MD75 (CONT)										X																											
MD74 (CONT)								X	X	X		X							X	X	X													X			
MD78 (CONT)																			X	X							X						X				
BS-PS-286										E																											
MD79 (CONT)										X																											
MD74 (CONT)								X	X	X		X							X	X	X													X			
MD78 (CONT)																			X	X							X					X					
BS-PS-289										E																											
MD80 (CONT)										X																											

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								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 B	A 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	C B	C B										
MD74 (CONT)								X	X	X		X								X	X	X																						
MD78 (CONT)																				X	X							X	X															
BS-PS-284												E																																
ME75 (CONT)										X																																		
ME74 (CONT)										X	X																		X															
ME78 (CONT)																											X	X																
BS-PS-287												E																																
ME79 (CONT)										X																																		
ME74 (CONT)										X	X																																	
ME78 (CONT)																											X	X																
BS-PS-290												E																																
ME80 (CONT)										X																																		
ME74 (CONT)										X	X																																	
ME78 (CONT)																											X	X																
IM-SPND-5, 31, 34, 52 (BIRO)																																								List Excludes Cables Inside Reactor Building				
AR1530 (COMP)																																						X	X					
IM-SPND-3, 4, 9, 24 (BIRO)																																								List Excludes Cables Inside Reactor Building				
AR1529 (COMP)																																							X	X				
IM-SPND-12, 13, 21, 38 (BIRO)																																									List Excludes Cables Inside Reactor Building			
AR1532 (COMP)																																								X	X			
IM-SPND-17, 42, 48, 49 (BIRO)																																										List Excludes Cables Inside Reactor Building		
AR1531 (COMP)																																									X	X		

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	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	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	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	A	A	A	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1																							
				a	b	c					a				0	1	1	1			1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5			
																						a	b	c	d	e	f	g	a	b	c	d	a	b	a	b			
MU-FT-1126																																						Powered by SCC-A	
RE50A (INST)																				X			X	X	X	X	X	X											
RE52A (INST)																				X		X	X	X	X	X	X	X	X										
MU-FT-1127																																						Powered by SCC-A	
RE52A (INST)																				X		X	X	X	X	X	X	X	X										
RE53A (INST)																				X		X	X	X	X	X	X	X	X										
MU-FT-1128										E																													Powered by SCC-B
RE51A (INST)										X												X	X	X															
RE55A (INST)																						X	X	X							X	X							
MU-FT-1129										E																													Powered by SCC-B
RE54A (INST)										X												X	X	X															
RE55A (INST)																						X	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 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS						
	D G	D G	F H	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	R B	R B	T B	Y A R D
	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 Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1	1	1	1	1	2	3	1	
																	2	1	2	3										
NI-11																												E	Powered from SCC-A3	
EA19 (PWR)			X					P																						New
EA340 (PWR)																														New
RG341 (INST)			X																										New	
RG341A (INST)																											X		New	
RG341B (INST)																											X	P	New; Conduit Embedded	
RG342 (INST)			X					P																					New	
RG343 (INST)																													New	
NI-12																												E	Powered from SCC-B3	
EA20 (PWR)				X			X	X																					New	
EA355 (PWR)							X																						New	
RG440 (INST)							X																						New	
RG441 (INST)			P					X																					New	
RG441A (INST)																											P		New	
RG441B (INST)																											P	P	New; Conduit Embedded	
RG442 (INST)				X			X	X																					New	
RG443 (INST)							X																				X	X	New; Required Only for Control Room Indication	
RC4A-TE-1																											E	Powered from ICS Auto		
RE170 (INST)			P					X																						
RE170A (INST)																										X	X	X		
RE174 (INST)																													Required for RC4A/B-TE-1/4	
RE175 (INST)																													Required for RC4A/B-TE-1/4	
AP25 (INST)																													For Patch Board	
AR1434 (INST)																													Required Also for RC4B-TE-1/4	
AR1440 (INST)																													Required Also for RC4A/5B-TE-4	

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS													
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	B	S	S	S	S	S		S	B	B	B	B	B	B	B	B	A	R	D	
		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	F	F	F	F	F		
		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	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																
RE170B (INST)			P																																	New	
RC4A-TE-4																																				Powered from ICS Auto	
RE172 (INST)			X																																		
RE172A (INST)																																					
RC4B-TE-1																																				Powered from ICS Auto	
RE171 (INST)			X																																		
RE171A (INST)																																					
AP26 (INST)																																				For Patch Board	
AR1435 (INST)																																				Required Also for RC4A/B-TE-4	
RC4B-TE-4																																				Powered from ICS Auto	
RE173 (INST)			X																																		
RE173A (INST)																																					
RC-TE-958																																				Powered from SCC-A	
EA6853 (INST PWR)																																				Required only for Control Room Indication	
RE503 (INST)			X						X																												
RE503A (INST)																																					
RE504 (INST)																																				Required Only for RSD Indication	
RE515 (INST)																																				Required for Control Room Indication Only	
RC-TE-960																																				Powered from SCC-B	
EA6854A (INST PWR)																																				Required Only for Control Room Indication. EA6854 was Spared	
RE501 (INST)			X																																		
RE501A (INST)																																					
RE502 (INST)																																					
RE519 (INST)																																				Required Only for Control Room	

**LEGEND**

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS					
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	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	F	F	F	F	F	F	F	F	F	F	F	F	
	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	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										
																														Indication
RC5A-TE-2																														Powered from ICS Auto
RE178 (INST)			P																											
RE178A (INST)																							X	X	X					
RE178B (INST)			P																											New
RE185 (INST)																														Required for RC5A/B-TE-2/4
RE187 (INST)																														Required Also for RC5A/B-TE-2/4
AP29 (INST)																														For Patch Board
AR1437 (INST)																														Required Also for RC5A-TE-4, RC5B-TE-2
RC5A-TE-4																														Powered from ICS Auto
RE180 (INST)			P																											
RE180A (INST)																								X	X	X				
RE180B (INST)			P																											New
RC5B-TE-2																														Powered from ICS Auto
RE182 (INST)			X																											
RE182A (INST)																								X		X				
AP32 (INST)																														For Patch Board
RC5B-TE-4																														Powered from ICS Auto
RE184 (INST)			X					X																						
RE184A (INST)																								X		X				
RC-TE-959																														INST. PWR.: RS-SCC-A
EA6853 (INST PWR)																														Required Only for Control Room Indication
RE461 (INST)			X					X																						
RE461A (INST)																								X	X	X		X	X	
RE462 (INST)																														Required Only for RSD Indication

**LEGEND**

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																										REMARKS			
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	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	B	S	S	S	S	S	S	S	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	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	A	D	
	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	a	b	c	d	e					
RE516 (INST)																													Required Only for Control Room Indication	
RC-TE-961																													Powered from SCC-B	
EA6854A (INST PWR)																													Required Only for Control Room Indication; EA6854 was Spared	
RE463 (INST)			X																											
RE463A (INST)																														
RE464 (INST)																														
RE520 (INST)																													Required Only for Control Room Indication	
RC3A-PT-3																													Powered by EE-PNL-VBA and ICS Auto	
EA105 (CONT PWR)																														
RE167 (INST)																														
RE213 (INST)																														
RG201 (INST)			P					X																						
RG201A (INST)																														
RG201B (INST)			P																										New	
RC-PT-963																													RSD Indication Only; Powered by SCC-A	
RE509 (INST)			X					X																						
RE509A (INST)																														
RE526 (INST)																													New	
RC-PT-949																													Powered by SCC-B	
EA6854A (INST PWR)																													Required Only for Control Room Indication; EA6854 was Spared	
RE499 (INST)			X																											

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



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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS										
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	B	S	S	S	S	S		S	B	B	B	B	B	B	B	B	A
	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	F	F	F	F	
	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	Z	Z	Z	A		
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1	1	1	1	1	2	3	1					
																		2	1	2	3													
RE495 (INST)			P																															
RE495A (INST)																																		
RE495B (INST)																																		
RE496 (INST)								X																										
FW-LT-775																																		
EA6850 (INST PWR)																																		
RE473 (INST)			P							P																								
RE473B (INST)			P																															
RE473C (INST)																																		
RE474 (INST)																																		
RE510 (INST)																																		
RL184 (INST)																																		
FW-LT-789																																		
EA6851A (INST PWR)																																		
EA6852 (INST PWR)																																		
EA6852A (INST PWR)																																		
RE475 (INST)			X																															
RE475A (INST)																																		
RE476 (INST)																																		
RL183 (INST)																																		
RE513 (INST)																																		

**LEGEND**

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS					
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	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	H	H	H	H	F	F	F	F	F	F	F	F	
	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										
																													Indication	
FW-LT-788																													E	Powered by SCC-A
EA6850 (INST PWR)																														Required Only for Control Room Indication
RE477 (INST)			X					X																						
RE477A (INST)																												X		
RE478 (INST)																														Required Only for RSD Indication
RE511 (INST)																														Required only for Control Room Indication
RL184 (INST)																														Required Only for Control Room Indication
FW-LT-776																													E	Powered by SCC-B
EA6851A (INST PWR)																														Required Only for Control Room Indication; EA6851 was Spared
EA6852 (INST PWR)																														Required Only for Control Room Indication
EA6852A (INST PWR)																														Required Only for Control Room Indication
RE479 (INST)			P																											
RE479A (INST)																												P		
RE480 (INST)																														
RL183 (INST)																														Required Only for Control Room Indication
RE512 (INST)																														Required Only for Control Room Indication
SP6A-PT-1																												E	Powered by ICS Hand and Auto	
RE109 (INST)			P																											
RE109A (INST)																							X	X			X			
RE109B (INST)			P																											New

**LEGEND**

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS								
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	B	B	B		B	B	B	B	B	B	B	A
	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	F	F	F	
	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	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													
RE113 (CONT)																																Required Also for SP6A-PT-2	
RE114 (INST)																																Required Also for SP6A-PT-2	
RF202 (CONT)																																Required Also for SP6A-PT-2	
RF219 (CONT)																																Required Also for SP6A-PT-2	
RF220 (CONT)																																Required Also for SP6A-PT-2	
SP6A-PT-2																									E							Powered by ICS Hand and Auto	
RE111 (INST)			P																														
RE111A (INST)																					X	X			X								
MS-PT-950																									E							Powered by SCC-A	
EA6853 (INST PWR)																																Required Only for Control Room Indication	
RE465 (INST)			P					P																									
RE465C (INST)																							P		P							RE465A was Spared	
RL43 (INST)							D																									Isolated for a fire in FH-FZ-5	
RE514 (INST)																																Required Only for Control Room Indication	
RE465B (INST)			P																													New	
RE466 (INST)																																Required Only for RSD Indication	
SP6B-PT-1																									E							Powered by ICS Hand and Auto	
RE110 (INST)			P																														
RE110A (INST)																												X		X			
RE113 (CONT)																																Required Also for SP6B-PT-2	
RE114 (INST)																																Required Also for SP6B-PT-2	
RF209 (CONT)																																Required Also for SP6B-PT-2	
RF220 (CONT)																																Required Also for SP6B-PT-2	
SP6B-PT-2																										E						Powered by ICS Hand and Auto	

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



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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS		
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T	Y
	G	G	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	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	a	b	c	d	e			
RE112 (INST)			P																								
RE112A (INST)																					X			X			
RE112B (INST)			P																								New
MS-PT-951																								E			Powered by SCC-B
EA6854A (INST PWR)																											Required Only for Control Room Indication; EA6854 was Spared
RE467 (INST)			P																								
RE467A (INST)																					P			P			
RE468 (INST)																											
RE518 (INST)																											Required Only for Control Room Indication
RL53 (INST)									D																		Isolated for a fire in FH-FZ-5
DH-DPT-802																											Cable Info for Historical Reference Only. Powered by SCC-A
RE232A (INST)																											New; Required Only for Control Room Indication
RE469 (INST)			X						X																		
RE470 (INST)																											Required Only for RSD Indication
RE469A (INST)																											New
DH-DPT-803																											Cable Info for Historical Reference Only. Powered by SCC-B
RE234A (INST)																											New; Required Only for Control Room Indication
RE471 (INST)			X																								
RE472 (INST)																											
RE471A (INST)																											New
DH-FI-299A																											Local Indication
DH-FI-299B																											Local Indication

**LEGEND**

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

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

SHEET 10b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																				REMARKS								
	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 B	I S	I S	I S		I S	R B	R B	R B	R B	R B	R B	T 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 Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1	1	1	1	1	2	3	1
																		2	1	2	3	a	b	c	d	e			
DH2-TE-1																													Powered by SCC-A
RE250 (INST)																													Required Only for Control Room Indication
RE486 (INST)			X					X																					
RE487 (INST)																													Required Only for RSD Indication
RE488 (INST)							X																						Required Only for Control Room Indication
DH2-TE-2																													Powered by SCC-B
RE250 (INST)																													Required Only for Control Room Indication
RE492 (INST)			X																										
RE493 (INST)																													
RE494 (INST)				X			X																						Required Only for Control Room Indication
DH6-TE-1																													Cable Info for Historical Reference Only. Powered by SCC-A
RE244 (INST)																													Required Only for Control Room Indication
RE483 (INST)			X					X																					
RE484 (INST)																													Required Only for RSD Indication
RE485 (INST)							X																						Required Only for Control Room Indication
DH6-TE-2																													Cable Info for Historical Reference Only. Powered by SCC-B
RE244 (INST)																													Required Only for Control Room Indication
RE489 (INST)			X																										
RE490 (INST)																													
RE491 (INST)				X			X																						Required Only for Control Room Indication

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												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	Y			
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B	B	B	A		
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			
A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	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	a	b	c	d	e						
CO-LI-1004																											E	Local Indication		
CO-LI-1005																												E	Local Indication	
MU14-LT			E																										Cable Info for Historical Reference Only. Powered by ICS Auto	
RE44 (INST)		X	X			X																								
RE45 (INST)																														
MU-LT-778			E																										Cable Info for Historical Reference Only. Powered by SCC-B	
RE481 (INST)		X																												
RE482 (INST)																														
RE522 (INST)																													Required Only for Control Room Indication	
EA6851A (INST PWR)																													For Control Room Indication Only	
EA6852 (INST PWR)																													For Control Room Indication Only	
DH-LT-808																													E	Powered by SCC-A
RE239A (INST)																													New	
RE383 (INST)		X				X																							X	New
DH-LT-809																													E	Powered by SCC-B
RE237A (INST)																														New; Required Only for Control Room Indication
RE384 (INST)		P																											X	
RE385 (INST)																														
EF-FT-788										E																				Cable Info for Historical Reference Only. Powered by SCC-B
RK848 (INST)		X								X					X															
RK885 (INST)																														

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

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS													
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	B	S	S	S	S	S		S	B	B	B	B	B	B	B	B	B	A	R	D
	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	F	F	F	F	F	F		
	A	A	Z	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	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	Z	1	1	1	1	1	2	3	1								
																			2	1	2	3															
																			a	b	c	d	e														
RK886 (INST)																																				Required Only for Control Room Indication	
RK887 (INST)																																					Required Only for Control Room Indication
RK896 (INST)																																					New; Required Only for RSD Indication
EF-FT-779											E																										Cable Info for Historical Reference Only. Powered from EE-PNL-VBC
RK835 (INST)			X								X					X																					
RK888 (INST)							X																														
RK889 (INST)							X																														
RK890 (INST)																																					Required only for Control Room Indication
RK897 (INST)							X																														New; Required Only for RSD Indication
EA516 (INST PWR)							X																														Required Also for EF-FT-791
EA517 (INST PWR)							X																														Required Only for Control Room Indication; Also Required for EF-FT-791
EA519 (PWR)							X																														New; Also Required for EF-FT-791
EF-FT-782											E																										Cable Info for Historical Reference Only. Powered from SCC-B
RK836 (INST)			X								X					X																					
RK882 (INST)																																					
RK883 (INST)																																					Required Only for Control Room Indication
RK884 (INST)																																					Required Only for Control Room Indication
RK895 (INST)																																					New; Required Only for RSD Indication
EF-FT-791											E																										Cable Info for Historical Reference Only. Powered from EE-PNL-VBC
RK847 (INST)			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 3-6P  
 APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
 CABLES & COMPONENT IN FIRE AREA/ZONE

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS										
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	B	S	S	S	S	S		S	B	B	B	B	B	B	B	B	A
	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	F	F	F	F	
	A	A	Z	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	Z	A			
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1	1	1	1	1	2	3	1					
																	2	1	2	3														
CO-LT-1061																	E																Cable Info for Historical Reference Only. Powered by HSPS-B	
RL51 (INST)			X				X					X				X																		
RL185 (INST)							X																											
CO-LT-1062																	E																	Cable Info for Historical Reference Only. Powered by HSPS-A
RL42 (INST)			X				X	X			X	X				X																		
RL186 (INST)							X																											
CO-LT-1063																	E																	Cable Info for Historical Reference Only. Powered by HSPS-B
RL52 (INST)			X				X					X				X																		
RL185 (INST)							X																											
MS-PT-1180																															E			Powered by HSPS-B
RL27 (INST)			X				X																											
RL27A (INST)																															X	X		X
RL192 (INST)							X																											
MS-PT-1182																	E																	Powered by HSPS-C
RL15 (INST)			X				X				X		X	X																				
MS-PT-1181																	E																	Powered by HSPS-D
RL37 (INST)			X				X				X		X	X																				
MS-PT-1184																															E			Powered by HSPS-A
RL9 (INST)			X				X	X																										
RL9A (INST)																															X		X	
RL191 (INST)							X																											
MS-PT-1185																	E																	Powered by HSPS-C
RL16 (INST)			X				X				X		X	X																				
MS-PT-1183																	E																	Powered by HSPS-D

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



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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS											
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	B	B	B		B	B	B	B	B	B	B	A	R	D	
	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	F	F	F	A		
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	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	a	b	c	d	e											
RL38 (INST)			X			X			X			X	X																							
BS-PT-1186				E																															Cable Info for Historical Reference Only. Powered by HSPS-A	
RL10 (INST)			X	X		X	X																													
BS-PT-1187				E																															Cable Info for Historical Reference Only. Powered by HSPS-B	
RL28 (INST)			X	X		X																														
BS-PT-1188																																			Cable Info for Historical Reference Only. Powered by HSPS-C	
RL19 (INST)			X			X																														
BS-PT-1189																																			Cable Info for Historical Reference Only. Powered by HSPS-D	
RL39 (INST)			X			X																														
FW-TE-1046																								E											Cable Info for Historical Reference Only. Powered by HSPS-A	
RL7 (INST)			X			X	X																													
RL7A (INST)																					X	X	X				X	X								
FW-TE-1044																								E											Cable Info for Historical Reference Only. Powered by HSPS-B	
RL25 (INST)			X			X																														
RL25A (INST)																					X	X	X				X									
FW-TE-1047																								E												Cable Info for Historical Reference Only. Powered by HSPS-C
RL17 (INST)			X			X																														
RL17A (INST)																																				
FW-TE-1045																									E											Cable Info for Historical Reference Only. Powered by HSPS-D
RL35 (INST)			X			X																														
RL35A (INST)																																				
																					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 3-6P  
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1  
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 18b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS	
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	T		Y
	G	G	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	H	H	H	H	F	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	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	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	
																	2	1	2	3	a	b	c	d	e	
FW-TE-1050																									E	Cable Info for Historical Reference Only. Powered by HSPS-A
RL8 (INST)			X				X	X																		
RL8A (INST)																			X	X	X	X	X			
FW-TE-1048																							E			Cable Info for Historical Reference Only. Powered by HSPS-B
RL26 (INST)			X				X																			
RL26A (INST)																			X	X	X	X	X			
FW-TE-1051																							E			Cable Info for Historical Reference Only. Powered by HSPS-C
RL18 (INST)			X				X																			
RL18A (INST)																			X	X	X	X	X			
FW-TE-1049																							E			Cable Info for Historical Reference Only. Powered by HSPS-D
RL36 (INST)			X				X																			
RL36A (INST)																			X	X	X	X	X			
IC5-DPT																										Powered by ICS Auto
EA6041B (PWR)																										
RE258 (INST)			X	X			X																			
RE259 (IND)																										
IC9-TE																							E			Powered by ICS Auto
RE262 (INST)			X				X																			
RE262A (INST)																			X				X	X		
RE263 (INST)																										
MU5-TE																										Powered by ICS Auto
RE42 (INST)			X	X			X																			
RE43 (INST)																										

LEGEND
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R – Repair

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS										
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	S	B		B	B	B	B	B	B	B	B	A	
	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					
	A	A	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	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	a	b	c	d	e									
MU42-DPT																																	Powered by ICS Auto	
EA6041B (PWR)																																		
RE330 (CONT)																																	Cable cannot affect the seal injection flow indication loop	
RE348 (INST)			X	X			X																											
RE354 (IND)																																		
RC3A-PT-1																														E		Powered by ICS Auto		
RE228 (INST)																																		
RG18 (INST)											X																							
RG18A (INST)																					X	X	X				X	X						
RG18B (INST)																																		New
SP10A-PT-1																														E		Powered by ICS Auto		
RE137 (INST)																														X				
RE141 (CONT)																																		
RE142 (INST)																																		
SP10A-PT-2																														E		Powered by ICS Auto		
RE138 (INST)																														X				
SP10B-PT-1																														E		Powered by ICS Auto		
RE139 (INST)																														X				
SP10B-PT-2																														E		Powered by ICS Auto		
RE140 (INST)																														X				
DF-LS-244A		E																																
ED1326 (CONT)		X																																
RY172 (CONT)		X																																
DF-LS-244B			E																															
ED1526 (CONT)		X																																

LEGEND

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												REMARKS
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	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	S	S	S	S	B	B	B	B	B	B	A	
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	Z	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	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1		
																2	1	2	3	a	b	c	d	e					
RZ172 (CONT)		X																											
RM-L-1			E																								Powered by EE-PNL-VBA		
RM1001 (HV)			X	X			X																						
RM1002 (SIG)			X	X			X																						
RM1003 (ANTI-JAM)			X	X			X																						
RM1004 (MET)			X	X			X																						
RM1005 (CONT/ALM)			X	X			X																						
RM1006 (HV)			X																										
RM1007 (SIG)			X																										
RM1007A (16)			X																										
RM1008 (ANTI-JAM)			X																										
RM1009 (SIG)			X																										
RM1010 (CONT)			X																										
EA102 (CONT PWR)																													
RC3A-PT-4																									E		Powered by EE-PNL-VBB		
RG202 (INST)			X																										
RG202B (INST)																				X	X	X			X	X			
RC3B-PT-3																									E		Powered by EE-PNL-VBC		
RG203 (INST)			X																										
RG203B (INST)																									X	X			
BS-PT-282																											Powered by EE-PNL-VBA		
RS211 (INST)			X					X																					
EA108 (INST PWR)			X					X																					

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																												REMARKS
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	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	S	S	S	S	B	B	B	B	B	B	A	
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	Z	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	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1		
																2	1	2	3	a	b	c	d	e					
EA6872 (CONT PWR)			X				X				X	X	X		X														
RC826 (INST)							X																				Associated Circuit By Common Breaker (Hydrogen Analyzer Circuits)		
RC827 (INST)			X				X	X			X	X	X		X												Associated Circuit By Common Breaker (Hydrogen Analyzer Circuits)		
RC828 (INST)			X				X	X			X	X	X		X												Associated Circuit By Common Breaker (Hydrogen Analyzer Circuits)		
RC829 (CONT)			X				X	X			X	X	X		X														
RC830 (CONT)			X				X	X			X	X	X		X														
RC831 (CONT)			X				X	X			X	X	X		X														
BS-PT-285																											Powered by EE-PNL-VBB		
EA308 (INST PWR)			X	X			X																						
RS212 (INST)			X																										
BS-PT-288																											Powered by EE-PNL-VBC		
EA508 (INST PWR)			X				X																			X			
RS213 (INST)			X																										
BS-PS-932																													
RP735 (CONT)			X	X			X																						
BS-PS-933																													
RP745 (CONT)			X	X			X																						
BS-PS-934																													
RP755 (CONT)			X	X			X																						
BS-PS-935																													
RR735 (CONT)				X			X																						
BS-PS-936																													
RR745 (CONT)				X			X																						

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

SHEET 22b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS				
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	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	S	S	S	S	B	B	B		B	B	B	A
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	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	A	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	a	b	c	d	e				
BS-PS-937																													
RR755 (CONT)			X			X																							
IC-LT-802					E																								Powered by EE-PNL-VBA
AR1464 (INST)			X	X			X																						
RP821 (CONT)																													
RP843 (CONT)																													
IC-LT-803					E																								Powered by EE-PNL-VBB
AR1471 (INST)			X	X																									
RP824 (CONT)																													
RP846 (CONT)																													
BS-PS-283																													
MD75 (CONT)																													
MD74 (CONT)			X				X																						
MD78 (CONT)																													
BS-PS-286																													
MD79 (CONT)																													
MD74 (CONT)			X				X																						
MD78 (CONT)																													
BS-PS-289																													
MD80 (CONT)																													
MD74 (CONT)			X				X																						
MD78 (CONT)																													
BS-PS-284																													
ME75 (CONT)																													
ME74 (CONT)			X	X			X																						
ME78 (CONT)																													

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							REMARKS								
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R		T	Y						
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B		B	B	B	B	B	B	B	A
	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	F	F	
	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	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												
BS-PS-287																																
ME79 (CONT)																																
ME74 (CONT)			X	X			X																									
ME78 (CONT)																																
BS-PS-290																																
ME80 (CONT)																																
ME74 (CONT)			X	X			X																									
ME78 (CONT)																																
IM-SPND-5, 31, 34, 52 (BIRO)																															List Excludes Cables Inside Reactor Building	
AR1530 (COMP)			X	X			X																									
IM-SPND-3, 4, 9, 24 (BIRO)																															List Excludes Cables Inside Reactor Building	
AR1529 (COMP)			X	X			X																									
IM-SPND-12, 13, 21, 38 (BIRO)																															List Excludes Cables Inside Reactor Building	
AR1532 (COMP)			X	X			X																									
IM-SPND-17, 42, 48, 49 (BIRO)																															List Excludes Cables Inside Reactor Building	
AR1531 (COMP)			X	X			X																									
MU-FT-1126			E																												Powered by SCC-A	
RE50A (INST)			X					X																								
RE52A (INST)																																
MU-FT-1127			E																												Powered by SCC-A	
RE52A (INST)																																
RE53A (INST)			X					X																								
MU-FT-1128																															Powered by SCC-B	

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

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																				REMARKS												
	D G	D G	F H	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	R B	R B	T B	Y A			
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	Z	1	1	1	1	1	2	3	1					
																	2	1	2	3													
RE51A (INST)			X	X																													
RE55A (INST)																																	
MU-FT-1129																														Powered by SCC-B			
RE54A (INST)			X	X																													
RE55A (INST)																																	

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