

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	C	C	C	C	C	C	C	C	C	C		C	C			
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F			
	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	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
DC-P-1A												E								X	X													
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 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	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	
	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 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	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	a	b	c	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																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	P	P	P	P	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
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
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

COMPONENTS AND CIRCUITS	DECAY HEAT CLOSED CYCLE COOLING WATER																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
DC-V-65B																								
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

SHEET 1a

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
	B	B	B	B	B	B	B	B	B	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
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
DR-P-1A																																		
LR3 (PWR)																																		
LR23 (CONT)																				X	P		X					X	X		X			
LR24 (CONT)																	X		X	X						X			X		X			
DR-P-1B																																		
LT2 (PWR)																																		
LT21 (CONT & IND)																	X				X	X											Rerouted by RSD	
LT21A (CONT & IND)																				X			X	P	X								New; Isolated for RSD	
LT21B (CONT & IND)																								P				X		X			Formerly Part of LT21; Isolated for RSD	
LT23 (CONT)																											X	X	X		X			New; Isolated for RSD
LT24 (CONT)																	X				X	X											New	
LT30 (CONT)																					X	X											Required Only for RSD	
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)																	X		X	X						X			X		X			
CBE477 (CONT)																																		

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

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	C	C	C	C	C	C	C	C	C	C		C	C	C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	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	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		
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	

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

SHEET 1b

COMPONENTS AND CIRCUITS		DECAY HEAT RIVER WATER																												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 S	I S	I S	I S	R B	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 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	1 a	1 b	1 c	1 d	1 e	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

SHEET 2b

COMPONENTS AND CIRCUITS	DECAY HEAT RIVER 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	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	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	a	b	c	d	e				
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		

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 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	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	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z		Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
NI-11																				X	X	P							X					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)																						X												New
RG440 (INST)																						X												New
RG441 (INST)																						X												New
RG441A (INST)																																		New
RG441B (INST)																																		New; Conduit Embedded
RG442 (INST)																																		New
RG443 (INST)																						X	X	X				X		X			New; Required Only for Control Room Indication	
RC4A-TE-1																																		Powered from ICS Auto
RE170 (INST)																							X					X						
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	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	
	F	F	F	F	F	F	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	Z		Z	
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c				a					0	1	1	a	a	b	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		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 B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B	C B		
		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 A	F A	F A	F A	F A	F A	F A	F A	F A	F A		F A	F Z	F Z	
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3		3	3	4	4
RC5A-TE-2																																		Indication.
RE178 (INST)																																		Powered from ICS Auto
RE178A (INST)																																		
RE178B (INST)																																		New
RE185 (INST)																																		Required for RC 5A/5B-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)																																		
RE180A (INST)																																		
RE180B (INST)																																		New
RC5B-TE-2																																		Powered from ICS Auto
RE182 (INST)																																		
RE182A (INST)																																		
AP32 (INST)																																		For Patch Board
RC5B-TE-4																																		Powered from ICS Auto
RE184 (INST)																																		
RE184A (INST)																																		
RC-TE-959																																		Powered from SCC-A
EA6853 (INST PWR)																																		Required Only for Control Room Indication
RE461 (INST)																																		
RE461A (INST)																																		
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

SHEET 4a

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	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	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	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
RE516 (INST)																			X			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									

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 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	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	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
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)																									X				X					
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)																													X					
RE162A (INST)																																		
RE162C (INST)																																		
RE164 (INST)																													X		X		Required Also for RC2-TE-2	
RE165 (INST)																													X		X		Required Also for RC2-TE-2	
RC2-TE-2																																	Powered by ICS Auto and SCC-B	

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 6a

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			
	F	F	F	F	F	F	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	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
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

SHEET 7a

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	I	I	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	T	T	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
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A		A	A	A	A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	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	
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		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		
	B	B	B	B	B	B	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	Z	Z	
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b

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							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

SHEET 9a

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	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A		A	A	A	Z	Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	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	

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 10a

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		F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A		A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
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

SHEET 11a

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	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A		A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	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	
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)																									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 12a

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	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	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	

RK885 (INST)																						X		X		X							
RK886 (INST)																						X		X		X							Required Only for Control Room Indication
RK887 (INST)																									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

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 13a

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	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A		A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1				1	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	
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)																											X							
RK891 (INST)																											X							
RK892 (INST)																											X							
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

SHEET 14a

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	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)																												X		X				
FW-LT-1042																																	Cable Info for Historical Reference Only. Powered by HSPS-B	
RL24 (INST)																									X									
RL24A (INST)																																		
RL190 (INST)																									X			X		X				
FW-LT-1047																																	Cable Info for Historical Reference Only. Powered by HSPS-C	
RL14 (INST)																											X							
RL14A (INST)																																		
FW-LT-1043																																	Cable Info for Historical Reference Only. Powered by HSPS-D	
RL34 (INST)																												X						
RL34A (INST)																																		
FW-LT-1052																																	Cable Info for Historical Reference Only. Powered by HSPS-A	
RL1 (INST)																								X	X									
RL1A (INST)																																		
RL48 (IND)																												X		X				
FW-LT-1048																																	Cable Info for Historical Reference Only. Powered by HSPS-B	
RL21 (INST)																									X									
RL21A (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 15a

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	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	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	
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)																																			

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 16a

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 I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B					
	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 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	2	2	2	2	2	2	2	3	3		3	3	4	4	5	5
	a	b	c	a	b	c	a	b	c	d	e	f	g	a	b	c	d	a	b																
CO-LT-1060																																Cable Info for Historical Reference Only. Powered by HSPS-A			
RL41 (INST)																				X	X														
RL186 (INST)																				X	X					X		X							
CO-LT-1061																																Cable Info for Historical Reference Only. Powered by HSPS-B			
RL51 (INST)								X	X												X														
RL185 (INST)																					X				X		X								
CO-LT-1062																																Cable Info for Historical Reference Only. Powered by HSPS-A			
RL42 (INST)																				X	X														
RL186 (INST)																				X	X				X		X								
CO-LT-1063																																Cable Info for Historical Reference Only. Powered by HSPS-B			
RL52 (INST)								X	X												X														
RL185 (INST)																					X				X		X								
MS-PT-1180																																Powered by HSPS-B			
RL27 (INST)																				X															
RL27A (INST)																																			
RL192 (INST)																				X					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		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
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						

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 18a

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	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A		A	A	A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c				a				0	1	1	a		a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
RL17A (INST)																																		
FW-TE-1045																																		Cable Info for Historical Reference Only. Powered by HSPS-D
RL35 (INST)																																		
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)																																		
RL18A (INST)																																		
FW-TE-1049																																		Cable Info for Historical Reference Only. Powered by HSPS-D
RL36 (INST)																																		
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	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	Z		Z
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
RE263 (INST)																												X		X				
MU5-TE							E																										Powered by ICS Auto	
RE42 (INST)							X	X	X																			X	X					
RE43 (INST)																												X						
MU42-DPT							E																										Powered by ICS Auto	
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																																	Powered by ICS Auto	
RE228 (INST)																												X		X				
RG18 (INST)																								X				X						
RG18A (INST)																																		
RG18B (INST)																																	New	
SP10A-PT-1																																	Powered by ICS Auto	
RE137 (INST)																												X						
RE141 (CONT)																												X		X				
RE142 (INST)																												X		X				
SP10A-PT-2																																	Powered by ICS Auto	
RE138 (INST)																												X						
SP10B-PT-1																																	Powered by ICS Auto	
RE139 (INST)																												X						
SP10B-PT-2																																	Powered by ICS Auto	
RE140 (INST)																												X						
DF-LS-244A																																		

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 20a

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		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
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		X					
RM1006 (HV)																																		
RM1007 (SIG)																																		
RM1007A (16)																																		
RM1008 (ANTI-JAM)																																		
RM1009 (SIG)																																		
RM1010 (CONT)																																		
EA102 (CONT PWR)																				X	X						X							
RC3A-PT-4																																	Powered by EE-PNL-VBB	
RG202 (INST)																								X			X	X						
RG202B (INST)																																		
RC3B-PT-3																																	Powered by EE-PNL-VBC	
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		
	B	B	B	B	B	B	B	B	B	B	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		
	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	A	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5		
				a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
RG203B (INST)																																				
BS-PT-282												E																								Powered by EE-PNL-VBA
RS211 (INST)								X				X								X	X	X	X		X				X							
EA108 (INST PWR)								X	X	X		X								X	X			X												
EA6872 (CONT PWR)																				X	X			X												
RC826 (INST)																				X			X	X			X	X	X						Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)	
RC827 (INST)																							X	X	X										Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)	
RC828 (INST)																							X	X	X										Associated Circuit by Common Breaker (Hydrogen Analyzer Circuits)	
RC829 (CONT)																				X	X			X	X											
RC830 (CONT)																				X	X			X	X											
RC831 (CONT)																				X	X			X	X											
BS-PT-285											E																									Powered by EE-PNL-VBB
EA308 (INST PWR)											X											X	X	X	X											
RS212 (INST)								X		X												X		X		X			X							
BS-PT-288											E																									Powered by EE-PNL-VBC
EA508 (INST PWR)								X		X													X	X					X							
RS213 (INST)								X		X																			X							
BS-PS-932											E																									
RP735 (CONT)										X	X			X																X						
BS-PS-933											E																									
RP745 (CONT)										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 22a

COMPONENTS AND CIRCUITS		INSTRUMENTATION AND CONTROLS																												REMARKS			
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																																	Powered by EE-PNL-VBA
AR1464 (INST)																			X			X		X		X	X						
RP821 (CONT)																										X							
RP843 (CONT)																										X							
IC-LT-803																																	Powered by EE-PNL-VBB
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

SHEET 23a

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	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	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
MD74 (CONT)								X	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																X					
ME78 (CONT)																												X	X					
BS-PS-290											E																							
ME80 (CONT)											X																							
ME74 (CONT)											X		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

SHEET 24a

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 I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B					
	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 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	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
MU-FT-1126																																	Powered by SCC-A		
RE50A (INST)																				X			X		X		X	X	X						
RE52A (INST)																				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			
RE53A (INST)																				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

SHEET 1b

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	S	S	S	S	R	R	R	R	R		R	T	Y
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B	B	B	B		B	A	R
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F		F	A	D
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	Z	A		
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1			
																	2	1	2	3	a	b	c	d	e						
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

SHEET 2b

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	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	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	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	2	3	1	
																	2	1	2	3	a	b	c	d	e			
RE170B (INST)			P																									New
RC4A-TE-4																							E					Powered from ICS Auto
RE172 (INST)			X																									
RE172A (INST)																				X	X			X				
RC4B-TE-1																							E					Powered from ICS Auto
RE171 (INST)			X																									
RE171A (INST)																				X			X	X				
AP26 (INST)																												For Patch Board
AR1435 (INST)																												Required Also for RC4A/B-TE-4
RC4B-TE-4																							E					Powered from ICS Auto
RE173 (INST)			X																									
RE173A (INST)																				X			X	X				
RC-TE-958																						E						Powered from SCC-A
EA6853 (INST PWR)																												Required only for Control Room Indication
RE503 (INST)			X					X																				
RE503A (INST)																				X	X	X		X				
RE504 (INST)																												Required Only for RSD Indication
RE515 (INST)																												Required for Control Room Indication Only
RC-TE-960																						E						Powered from SCC-B
EA6854A (INST PWR)																												Required Only for Control Room Indication. EA6854 was Spared
RE501 (INST)			X																									
RE501A (INST)																					P		P					
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

SHEET 3b

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	S	S	S	S	B	B	B	B	B		B	B	A	R	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	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	A	Z	Z	Z	1	1	1	1	1	2	3	1			
																		2	1	2	3										
																												Indication			
RC5A-TE-2																							E					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																							E					Powered from ICS Auto			
RE180 (INST)			P																												
RE180A (INST)																						X	X	X							
RE180B (INST)			P																									New			
RC5B-TE-2																								E				Powered from ICS Auto			
RE182 (INST)			X																												
RE182A (INST)																						X		X							
AP32 (INST)																												For Patch Board			
RC5B-TE-4																								E				Powered from ICS Auto			
RE184 (INST)			X					X																							
RE184A (INST)																						X		X							
RC-TE-959																								E				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

SHEET 4b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																											
	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	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	H	H	H	H	F	F	F	F	F	F	D	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1	
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e	REMARKS		
RE516 (INST)																											Required Only for Control Room Indication	
RC-TE-961																								E			Powered from SCC-B	
EA6854A (INST PWR)																											Required Only for Control Room Indication; EA6854 was Spared	
RE463 (INST)			X																									
RE463A (INST)																				P			P					
RE464 (INST)																												
RE520 (INST)																											Required Only for Control Room Indication	
RC3A-PT-3																									E		Powered by EE-PNL-VBA and ICS Auto	
EA105 (CONT PWR)																												
RE167 (INST)																												
RE213 (IN ST)																												
RG201 (INST)			P					X																				
RG201A (INST)																			X	X	X				X	X		
RG201B (INST)			P																								New	
RC-PT-963																									E		RSD Indication Only; Powered by SCC-A	
RE509 (INST)			X					X																				
RE509A (INST)																			X	X				X	X			
RE526 (INST)																											New	
RC-PT-949																									E		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

SHEET 5b

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

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 6b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	T
	G	G	H	H	H	H	H	H	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	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1
																	2	1	2	3	a	b	c	d
RE495 (INST)			P																					
RE495A (INST)																					P	X		P
RE495B (INST)																						P		P
RE496 (INST)							X																	
FW-LT-775																					E			
EA6850 (INST PWR)																								
RE473 (INST)			P					P																
RE473B (INST)			P																					
RE473C (INST)																				P	P	P		P
RE474 (INST)																								
RE510 (INST)																								
RL184 (INST)																								
FW-LT-789																					E			
EA6851A (INST PWR)																								
EA6852 (INST PWR)																								
EA6852A (INST PWR)																								
RE475 (INST)			X																					
RE475A (INST)																					X	X		
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

SHEET 7b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS						
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R		R	R	R	T	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	B	B	B	A	R
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F		F	F	F	F		D
	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

SHEET 8b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																								REMARKS						
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R		R	R	R	T	Y	
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B		B	B	B	B	A	R
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F	F	F	F	D	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	1	2	3	1		
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e						
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

SHEET 9b

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	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	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	A	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										
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	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R	R	R	R	T		Y	
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B	B	B	B	B		A	R
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		F	D
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	Z	A		
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1			
																	2	1	2	3	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

SHEET 11b

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	S	S	S	S	B	B	B	B	B	B	B	A	R		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	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	A	Z	Z	Z	Z	a	b	c	d	e	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		
CO-LI-1004																		2	1		2	3							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

SHEET 12b

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	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	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	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	2	3	1				
																		2	1	2	3											
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

SHEET 13b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							
	D G	D G	F H	F H	F H	F H	F H	F H	I B	I B	I B	I B	I B	I B	I B	I B	I S	I S	I S	I S	R B	R B	R B	R B
	F A	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1 a	1 b	1 c	1 d
																	2	1	2	3				
RK891 (INST)							X																	
RK892 (INST)							X																	
RK893 (INST)																								Required Only for Control Room Indication
RK898 (INST)							X																	New; Required Only for RSD Indication
FW-LT-1044																					E			Cable Info for Historical Reference Only. Powered by HSPS-A
RL3 (INST)			X				X	X																
RL3A (INST)																					X	X		
RL48 (INST)							X																	
FW-LT-1040																					E			Cable Info for Historical Reference Only. Powered by HSPS-B
RL23 (INST)			X				X																	
RL23A (INST)																					X	X		
RL59 (INST)							X																	
RL189 (INST)							X																	
FW-LT-1045																					E			Cable Info for Historical Reference Only. Powered by HSPS-C
RL13 (INST)			X				X																	
RL13A (INST)																					X	X		
FW-LT-1041																					E			Cable Info for Historical Reference Only. Powered by HSPS-D
RL33 (INST)			X				X																	
RL33A (INST)																					X	X		
FW-LT-1046																					E			Cable Info for Historical Reference Only. Powered by HSPS-A
RL4 (INST)			X				X	X																
RL4A (INST)																					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 14b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																										
	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	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	H	H	H	H	F	F	F	F	F	F	D
COMPONENTS AND CIRCUITS	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e		
RL40 (IND)							X																				
FW-LT-1042																					E						Cable Info for Historical Reference Only. Powered by HSPS-B
RL24 (INST)			X				X																				
RL24A (INST)																					X	X					
RL190 (INST)							X																				
FW-LT-1047																					E						Cable Info for Historical Reference Only. Powered by HSPS-C
RL14 (INST)			X				X																				
RL14A (INST)																					X	X					
FW-LT-1043																					E						Cable Info for Historical Reference Only. Powered by HSPS-D
RL34 (INST)			X				X																				
RL34A (INST)																					X	X					
FW-LT-1052																						E					Cable Info for Historical Reference Only. Powered by HSPS-A
RL1 (INST)			X				X	X																			
RL1A (INST)																						X					
RL48 (IND)							X																				
FW-LT-1048																						E					Cable Info for Historical Reference Only. Powered by HSPS-B
RL21 (INST)			X				X																				
RL21A (INST)																						X					
RL59 (INST)							X																				
RL189 (INST)							X																				
FW-LT-1053																					E						Cable Info for Historical Reference Only. Powered by HSPS-C
RL11 (INST)			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 15b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1
																					a	b	c	d
RL11A (INST)																					X		X	
FW-LT-1049																						E		
RL31 (INST)			X				X																	
RL31A (INST)																						X		
FW-LT-1054																						E		
RL2 (INST)			X				X	X																
RL2A (INST)																						X		
RL40 (IND)							X																	
FW-LT-1050																						E		
RL22 (INST)			X				X																	
RL22A (INST)																						X		
RL189 (INST)							X																	
FW-LT-1055																					E			
RL12 (INST)			X				X																	
RL12A (INST)																					X	X		
FW-LT-1051																						E		
RL32 (INST)			X				X																	
RL32A (INST)																						X		
CO-LT-1060												E												
RL41 (INST)			X				X	X			X	X				X								
RL186 (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 16b

INSTRUMENTATION AND CONTROLS																													
COMPONENTS AND CIRCUITS	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	REMARKS	
	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	B	A		R
	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	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										
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

SHEET 17b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																											
	D G	D G	F H	F H	F H	F H	F H	F H	I B	I B	I B	I B	I B	I B	I B	I B	I S	I S	I S	I S	R B	R B	R B	R B	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 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	1	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e			REMARKS
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														X	X	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)																					X	X	X		X			
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	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	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	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	A	Z	Z	Z	a	b	c	d	e										
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3														
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

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 19b

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	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	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	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			
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)			P					X																				
RG18A (INST)																				X	X	X			X	X		
RG18B (INST)			P																									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

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 20b

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	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	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	A	Z	Z	Z	1	1	1	1	1	2	3	1	
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	a	b	c	d	e				
RZ172 (CONT)		X															2	1	2	3										
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	X				
BS-PT-282																												Powered by EE-PNL-VBA		
RS211 (INST)			X					X																						
EA108 (INST 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 3-6P
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 21b

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	S	S	S	S	B	B	B	B	B	B	B	A	
	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	A	Z	Z	Z	a	b	c	d	e				
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3								
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																						

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 22b

COMPONENTS AND CIRCUITS	INSTRUMENTATION AND CONTROLS																										
	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	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	H	H	H	H	F	F	F	F	F	F	D
COMPONENTS AND CIRCUITS	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e		
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)																											

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 23b

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	I	S	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	S	S	S	S	B	B	B	B	B	B	B		B	A	R											
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		F		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																				
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												

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 24b

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 S	I S	I S	I S	R B	R B	R B	R B	R B	R B	R B	T B	Y A		
	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 H	F H	F H	F H	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A	R 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					
RE51A (INST)			X	X																										
RE55A (INST)																														
MU-FT-1129																													Powered by SCC-B	
RE54A (INST)			X	X																										
RE55A (INST)																														

LEGEND

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