

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

SHEET 1a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																																REMARKS		
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C	C	C	C	C		C	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B	B	B	B	B		B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F	F	F	F	F		F	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
MU-P-1A				E																X	X							X							
MD7 (PWR)				X			X													X	X							X							
MD65A (CONT)																											X			X				MD65 was Made Spare	
MD66 (CONT/IND)																											X			X		X			
MD68 (CONT)																					X	P					X		X						
RK950 (CONT)				X			X													X	X														
RK951 (CONT)																					X			X						X					
MU-P-1B					E																														
MD8 (PWR)					X		X													X	X							X							
MD68 (CONT)																					X	P						X		X				Required with Train A Power	
MD71 (CONT/IND)																											X	X		X		X		Required with Train A Power	
MD73A (CONT)																											X			X				Required with Train A Power	
ME8 (PWR)																					X	X					X	X						Required with Train B Power	
ME68 (CONT)																												X	X					Isolated for RSD; for Train B Only	
ME71 (CONT/IND)																												X		X		X		Isolated for RSD; for Train B Only	
ME73A (CONT)																												X		X				Isolated for RSD	
ME51 (CONT)																						X	X					X						New	
ME52 (CONT)																						X	X					X						New	
ME53 (CONT)																						X	X					X						New	
ME54 (CONT)																							X											New	
RK956 (CONT)					X		X																												
RK957 (CONT)																				X	X														
RK959 (CONT)																					X							X			X			Isolated for RSD	
MU-P-1C					E																														
ME7 (PWR)					X		P														X	X						X							
ME41 (CONT)																						X						X						New	

LEGEND

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

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

SHEET 2a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												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	
	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	
ME42 (CONT)																					X						X							New
ME43 (CONT)																					X						X							New
ME44 (CONT)																					X	X												New
ME65 (CONT)																											X		X					Isolated for RSD
ME66 (CONT/IND)																											X		X		X			Isolated for RSD
ME68 (CONT)																											X	X						Isolated for RSD
RK953 (CONT)																						X												
RK953A (CONT)										X																								New
RK953B (CONT)					X				X																									New- Formerly Part of RK953
RK954 (CONT)																					X						X	X	X					Isolated for RSD
MU-P-2A				E																														
CQ650 (PWR)				X			X	X		X																								
CQ651 (CONT)				X				X		X																								
CQ652 (CONT)								X		X									X	X						X			X		X			
MU-P-3A				E																														
CG107 (PWR)				X			X												X	X														
CG851 (CONT)																			X			X						X		X				
MU-P-2B					E																													
CQ210 (PWR)				X	X		X	X		X																								New
CQ215 (CONT)				X	X		X	X		X																								New
CQ212 (CONT)								X		X									X	X					X			X		X			Existing Spare Cable	
CQ214 (CONT)																												X		X				New
MU-P-3B					E																													
CR210 (PWR)				X					X		X																							New
CR212 (CONT)									X		X									X	X													Existing Spare Circuit
CR216 (CONT)																				X	X													New; Required Only for RSD

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F		F	F	F		
	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	a	1	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1			a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
CR215 (CONT)																					X		X		X				X		X		New; Isolated for RSD	
CR214 (CONT)																												X		X		Isolated for RSD		
MU-P-2C						E																												
CR650 (CONT)					X				X		X																							
CR651 (CONT)									X		X											X		X				X		X				
CR652 (PWR)					X				X		X																							
MU-P-3C					E																													
CH11 (PWR)																			X		X													
CH11A (PWR)					X	X																											New	
CH201 (CONT)																					X												Rerouted by RSD	
CH201A (CONT)																				X			X	P	X								New	
CH201B (CONT)																								P				X		X			Formally Part of CH201; Isolated for RSD	
CH204 (CONT)																					X	X											New; Required Only for RSD	
MU-V-12						E																											Power Removed. Cable Info for Historical Reference Only.	
CP55 (PWR)						X		X		X				X																				
CP621 (CONT)						X	X	X						X																				
CP622 (CONT)									X	X				X									X					X		X				
MU-V-14A							E																											
CG102 (PWR)				X		X	P												X	X													New	
CG801 (CONT)				X		X	P												X	X													New	
CG802 (CONT)																				X	P							X					New	
CG803 (CONT)																												X	X		X		New; Isolated for RSD	
CG804 (CONT)																						X						X					New; Required Only for RSD	
CG805 (CONT)																				X	P		X					X	X		X		New; Isolated for RSD	

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																												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	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		
MU-V-14B								E																											
CR14 (PWR)								X	X		X																								
CR301 (CONT)								X	X		X																								
CR302 (CONT)											X	X																						Rerouted by RSD	
CR302A (CONT)											X																							New	
CR302B (CONT)																					X	X												New	
CR302C (CONT)																					X			X	P	X								New	
CR302D (CONT)																										P				X		X		Formally Part of CR302; Isolated for RSD	
CR304 (CONT)										X		X																						New; Required Only for RSD	
CR305 (CONT)																					X	X					X						Isolated for RSD; CR303 was Spared		
CR306 (CONT)																					X	X											New; Required Only for RSD		
CR336 (CONT)										X											X	X											New; Required Only for RSD		
MU-V-16A								E																											
CQ15 (PWR)								X		X																									
CQ311 (CONT)								D		D																									
CQ312 (CONT)																				X	X						X			X		X			
CQ312A (CONT)								P		X																									
CQ312B (CONT)								P		X																								New	
CQ313 (CONT)																				X	P		X				X	X		X					
MU-V-16B								E																											
CQ16 (PWR)								X		X																									
CQ321 (CONT)								D		D																									
CQ322 (CONT)																				X	X					X		X		X					
CQ322A (CONT)								P		X																									

LEGEND

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

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

SHEET 5a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												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
CQ322B (CONT)								P		X																								New
CQ323 (CONT)																				X	P		X						X	X		X		
MU-V-16C											E																							
CR15 (PWR)										X	X	X																						
CR311 (CONT)										X		X																						
CR311A (CONT)										X																								New
CR311B (CONT)										X																								New
CR311C (CONT)											X																							Formerly Part of CR311
CR312 (CONT)										X		X																						Rerouted by RSD
CR312A (CONT)										X																								New
CR312B (CONT)										X																								New
CR312C (CONT)																					X	X												Formerly Part of CR312
CR312D (CONT)																					X			X	P	X								New
CR312E (CONT)																									P					X		X		Formerly Part of CR312; Isolated for RSD
CR313 (CONT)																												X	X	X		X		Isolated for RSD
CR314 (CONT)																					X	X						X						New; Isolated for RSD
CR315 (CONT)																					X	X												New; Required Only for RSD
MU-V-16D											E																							
CR16 (PWR)										X	X	X																						
CR321 (CONT)										X		X																						
CR321A (CONT)										X																								New
CR321B (CONT)										X																								New
CR321C (CONT)											X																							Formerly Part of CR321
CR322 (CONT)										X		X																						Rerouted by RSD
CR322A (CONT)																					X			X	P	X								New

LEGEND

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

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

SHEET 6a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												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		
	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		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	A	A	A	A	A	A	A	A	A		A	A	A	A		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	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	
CR322B (CONT)																										P					X		X		Formerly Part of CR322; Isolated for RSD
CR322C (CONT)										X																									New
CR322D (CONT)										X																									New
CR322E (CONT)																					X	X													Formerly Part of CR322
CR323 (CONT)																													X	X	X		X		Isolated for RSD
CR324 (CONT)																					X	X							X						New; Isolated for RSD
CR325 (CONT)																					X	X													New; Required Only for RSD
MU-V-17							E																												
RE58 (INST)																													X	X					
RE58A (INST)							X																												New
RE160 (INST)																															X		X		
MU-V-18								E																											
RV323 (CONT)																					X	X													New; Required Only for RSD
RV324 (CONT)								X										X		X															New
RV325 (CONT)																				X							X	X		X		X			New; Isolated for RSD
RV326 (CONT)																															X		X		Isolated for RSD
RV327 (CONT)																													X	X					Isolated for RSD
RV331 (CONT)								X																											
RV332 (CONT)								X																											
RV342 (CONT)																															X	X			Isolated for RSD
RV1305 (CONT)																					X	X													
RV1306 (CONT)																						X									X		X		
RV1307 (CONT)																															X		X		
ED1705 (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 3-6A
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 7a

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																												REMARKS						
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	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	T	I	I	B	B	B	B	B	B	B		B	B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F		F	F	F	F	F	F
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
MU-V-217									E																											
CT305 (PWR)									X		X																									
CT306 (CONT)									D	D																										
CT307 (CONT)											X													X	X	X				X		X				
MU-V-20																																				
RV343 (CONT)																							X				X	P	X		X			New; Isolated for RSD		
RV344 (CONT)																					X		X											New		
RV345 (CONT)																							X	X										New; Required Only for RSD		
ED1705 (PWR)																							X	X												
RV339 (CONT)																																				
RV339A (CONT)																																				
RV340 (CONT)																																				
MU-V-25																																				
CQ17 (PWR)									X																											
CQ17A (PWR)																																				
CQ331 (CONT)									X																											
CQ331A (CONT)																																				
CQ332 (CONT)									X													X	X			X				X		X				
CQ333 (IND)																														X		X				
CQ334 (CONT)																						X	X					X		X	X		X			
CQ335 (CONT)									X																											
CQ335A (CONT)																																				
CQ336 (CONT)									X													X	X					X		X		X				
MU-V-26																																				
ED303 (PWR)																									X					X						
RV77 (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 3-6A
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 8a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												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	
RV78 (CONT)																											X	X	X						
RV80 (CONT)										X																	X	X	X						
RV81 (IND)										X																	X	X	X		X				
RV82 (CONT)																																			
RV83 (CONT)																																			
MU-V-32							E																												
RE330 (CONT)																												X		X					
RE345 (INST)																											X								
RE345A (INST)							X																											New	
CN615 (IND)																					X	X												New; Required Only for RSD	
CN616 (IND)																						X		X										New; Required Only for RSD	
CN617 (IND)										X																									New; Required Only for RSD
CN618 (IND)					X	X		X	X																										New; Required Only for RSD
MU-V-36							E																												
CQ7 (PWR)							X	X		X																									No Need to Protect Power Cable
CQ231 (CONT)							D	D		D																									
CQ232A (CONT)								P		X																									CQ232 was Spared
CQ232B (CONT)																			P		X							X						New	
CQ232C (CONT)																												X	X		X				New; Isolated for RSD
CQ232D (CONT)																													X						
CQ234 (CONT)																												X							CQ233 was Spared
CQ235 (CONT)																						X						X							New; Required Only for RSD
CQ304 (CONT)								X		X									X	X	X							X							New; Required Only for RSD
MU-V-37							E																												
CR7 (PWR)							X	X	X		X																								No Need to Protect Power Cable
CR231 (CONT)							D	D	D		D																								

LEGEND

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

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

SHEET 9a

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																												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	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5		
			a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b			
CR232 (CONT)																									P					X		X			Rerouted by RSD; Isolated for RSD	
CR232A (CONT)						X	P		P		X																								New	
CR232B (CONT)																																				New
CR232C (CONT)																					X	X														New
CR232E (CONT)																					X			X	P	X										New
CR234 (CONT)									X		X																									New; Required Only for RSD
CR236 (CONT)																					X	X														New; Required Only for RSD
CR237 (CONT)																					X							X	X							Isolated for RSD; CR233 was Spared
CR336 (CONT)									X												X	X														New; Required Only for RSD

LEGEND

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

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

SHEET 1b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																								REMARKS				
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T			
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B		B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F		F	F		
A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	2	3	1			
																		2	1	2	3	a	b	c	d	e				
MU-P-1A																														
MD7 (PWR)			X					X																						
MD65A (CONT)																											MD65 was Spared			
MD66 (CONT/IND)																														
MD68 (CONT)																														
RK950 (CONT)			X					X																						
RK951 (CONT)																														
MU-P-1B																														
MD8 (PWR)			X					X																						
MD68 (CONT)																											Required with Train A Power			
MD71 (CONT/IND)																											Required with Train A Power			
MD73A (CONT)																											Required with Train A Power			
ME8 (PWR)																											Required with Train B Power			
ME68 (CONT)																											Isolated for RSD; for Train B Only			
ME71 (CONT/IND)																											Isolated for RSD; for Train B Only			
ME73A (CONT)																											Isolated for RSD			
ME51 (CONT)																											New			
ME52 (CONT)																											New			
ME53 (CONT)																											New			
ME54 (CONT)																											New			
RK956 (CONT)			X																											
RK957 (CONT)			X					X																						
RK959 (CONT)																											Isolated for RSD			
MU-P-1C																														
ME7 (PWR)			P	X			X																							
ME41 (CONT)																											New			

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																								REMARKS					
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T			
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B			B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F			F	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	2	3	1			
																		2	1	2	3	a	b	c	d	e					
ME42 (CONT)																												New			
ME43 (CONT)																												New			
ME44 (CONT)																												New			
ME65 (CONT)																												Isolated for RSD			
ME66 (CONT/IND)																												Isolated for RSD			
ME68 (CONT)																												Isolated for RSD			
RK953 (CONT)				P	X			X																							
RK953A (CONT)				P																								New			
RK953B (CONT)																												Formerly Part of RK953			
RK954 (CONT)								X																				Isolated for RSD			
MU-P-2A																															
CQ650 (PWR)				X		X																									
CQ651 (CONT)				X																											
CQ652 (CONT)				X					X																						
MU-P-3A																															
CG107 (PWR)				X				X																							
CG851 (CONT)																															
MU-P-2B																															
CQ210 (PWR)				X																								New			
CQ215 (CONT)				X																								New			
CQ212 (CONT)				X					X																			Existing Spare Circuit			
CQ214 (CONT)																												New			
MU-P-3B																															
CR210 (PWR)																												New			
CR212 (CONT)				X	X			X																				Existing Spare Circuit			
CR216 (CONT)																												New; Required Only for RSD			

LEGEND

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

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

SHEET 3b

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																								REMARKS		
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T	
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B		B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F	
	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	
	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		
CR215 (CONT)																											New; Isolated for RSD
CR214 (CONT)																											Isolated for RSD
MU-P-2C																											
CR650 (CONT)																											
CR651 (CONT)			X	X																							
CR652 (PWR)			X																								
MU-P-3C																											
CH11 (PWR)				X																							
CH11A (PWR)			P	X																							New
CH201 (CONT)																											Rerouted by RSD
CH201A (CONT)																											New
CH201B (CONT)																											Formerly Part of CH201; Isolated for RSD
CH204 (CONT)																											New; Required Only for RSD
MU-V-12																											Power Removed. Cable Info for Historical Reference Only.
CP55 (PWR)			X																								
CP621 (CONT)																											
CP622 (CONT)				X			X																				
MU-V-14A																											
CG102 (PWR)			X					X																			New
CG801 (CONT)			X					X																			New
CG802 (CONT)																											New
CG803 (CONT)																											New; Isolated for RSD
CG804 (CONT)																											New; Required Only for RSD
CG805 (CONT)																											New; Isolated for RSD

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																				REMARKS													
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R			R	R	R	R	T							
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S			S	B	B	B	B							
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H			H	F	F	F	F							
A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	a	b	c	d	e	1	2	3	1					
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3														
MU-V-14B																																			
CR14 (PWR)																																			
CR301 (CONT)																																			
CR302 (CONT)																														Rerouted by RSD					
CR302A (CONT)			P																											New					
CR302B (CONT)			P	X			X																							New					
CR302C (CONT)																														New					
CR302D (CONT)																														Formerly Part of CR302; Isolated for RSD					
CR304 (CONT)																														New; Required Only for RSD					
CR305 (CONT)							X																							Isolated for RSD; CR303 was Spared					
CR306 (CONT)																														New; Required Only for RSD					
CR336 (CONT)			X	X			X																							New; Required Only for RSD					
MU-V-16A																																			
CQ15 (PWR)																																			
CQ311 (CONT)																																			
CQ312 (CONT)			X					X																											
CQ312A (CONT)			X																																
CQ312B (CONT)			X																											New					
CQ313 (CONT)																																			
MU-V-16B																																			
CQ16 (PWR)																																			
CQ321 (CONT)																																			
CQ322 (CONT)			X					X																											
CQ322A (CONT)			X																																

LEGEND

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

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

SHEET 5b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																				REMARKS									
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R					R	R	R	R	T	
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S					B	B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	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	A	Z	Z	Z					Z	Z	Z	Z	Z	A
1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	1	1	1	1	1	2	3	1				
																		a	b	c	d	e									
CQ322B (CONT)			X																								New				
CQ323 (CONT)																															
MU-V-16C																															
CR15 (PWR)																															
CR311 (CONT)																															
CR311A (CONT)			P	X																							New				
CR311B (CONT)			P	X																							New				
CR311C (CONT)				X																							Formerly Part of CR311				
CR312 (CONT)																											Rerouted by RSD				
CR312A (CONT)			P																								New				
CR312B (CONT)			P																								New				
CR312C (CONT)			P	X			X																				Formerly Part of CR312				
CR312D (CONT)																											New				
CR312E (CONT)																											Formerly Part of CR312; Isolated for RSD				
CR313 (CONT)																											Isolated for RSD				
CR314 (CONT)							X																				New; Isolated for RSD				
CR315 (CONT)																											New; Required Only for RSD				
MU-V-16D																															
CR16 (PWR)																															
CR321 (CONT)																															
CR321A (CONT)			P	X																							New				
CR321B (CONT)			P	X																							New				
CR321C (CONT)				X																							Formerly Part of CR321				
CR322 (CONT)																											Rerouted by RSD				
CR322A (CONT)																											New				

LEGEND

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

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

SHEET 6b

COMPONENTS AND CIRCUITS	MAKEUP AND PURIFICATION																								REMARKS	
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		T
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B		B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F		F
	A	A	Z	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	1	1	1	1	2	3	1
CR322B (CONT)																										Formerly Part of CR322; Isolated for RSD
CR322C (CONT)			P																							New
CR322D (CONT)			P																							New
CR322E (CONT)			P	X			X																			Formerly Part of CR322
CR323 (CONT)																										Isolated for RSD
CR324 (CONT)							X																			New; Isolated for RSD
CR325 (CONT)																										New; Required Only for RSD
MU-V-17																										
RE58 (INST)			X	X			X																			
RE58A (INST)			X																							New
RE160 (INST)																										
MU-V-18																										
RV323 (CONT)																										New; Required Only for RSD
RV324 (CONT)			X					X																		New
RV325 (CONT)																										New; Isolated for RSD
RV326 (CONT)																										Isolated for RSD
RV327 (CONT)																										Isolated for RSD
RV331 (CONT)																										
RV332 (CONT)																										
RV342 (CONT)																										Isolated for RSD
RV1305 (CONT)																										
RV1306 (CONT)							X																			
RV1307 (CONT)																										
ED1705 (PWR)																										
MU-V-217																										

LEGEND

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

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

SHEET 7b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																								REMARKS		
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B			B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F			F
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			
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	2	3	1	
CT305 (PWR)																2	1	2	3									
CT306 (CONT)																												
CT307 (CONT)				X			X																					
MU-V-20				E																								
RV343 (CONT)																										New; Isolated for RSD		
RV344 (CONT)			X	X				X																		New		
RV345 (CONT)																										New; Required Only for RSD		
ED1705 (PWR)																												
RV339 (CONT)				X																								
RV339A (CONT)				X																								
RV340 (CONT)				X																								
MU-V-25																								E				
CQ17 (PWR)																												
CQ17A (PWR)																					X			X				
CQ331 (CONT)																												
CQ331A (CONT)																					X			X				
CQ332 (CONT)			X					X																				
CQ333 (IND)																												
CQ334 (CONT)																												
CQ335 (CONT)																												
CQ335A (CONT)																					X			X				
CQ336 (CONT)			X					X																				
MU-V-26				E																								
ED303 (PWR)																												
RV77 (CONT)																												
RV78 (CONT)																												

LEGEND

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

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

SHEET 8b

COMPONENTS AND CIRCUITS		MAKEUP AND PURIFICATION																								REMARKS				
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R		T			
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B		B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F		F	F		
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	A				
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1		
																		2	1	2	3	a	b	c	d	e				
RV80 (CONT)				X	X			X																						
RV81 (IND)				X	X			X																						
RV82 (CONT)					X																									
RV83 (CONT)					X																									
MU-V-32																														
RE330 (CONT)																														
RE345 (INST)				X	X			X																						
RE345A (INST)				X																							New			
CN615 (IND)																											New; Required Only for RSD			
CN616 (IND)					X			X																			New; Required Only for RSD			
CN617 (IND)					X																						New; Required Only for RSD			
CN618 (IND)					X																						New; Required Only for RSD			
MU-V-36																														
CQ7 (PWR)				X																							No Need to Protect Power Cable.			
CQ231 (CONT)																														
CQ232A (CONT)				P																							CQ232 was Spared			
CQ232B (CONT)				P					P																		New			
CQ232C (CONT)																											New; Isolated for RSD			
CQ232D (CONT)																														
CQ234 (CONT)																											CQ233 was Spared			
CQ235 (CONT)																											New; Required Only for RSD			
CQ304 (CONT)				X					X																		New; Required Only for RSD			
MU-V-37																														
CR7 (PWR)																											No Need to Protect Power Cable			
CR231 (CONT)																														
CR232 (CONT)																											Rerouted by RSD; Isolated for			

LEGEND

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

SHEET 9b

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

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

SHEET 1a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C		C	C	C	C	C
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
MU-V-1A																																		
CN41 (PWR)								X	X																									
CN41A (PWR)																																		
CN601 (CONT)									X	X													X				X		X					
CN602 (CONT)																											X		X					
CN605 (CONT & IND)								X	X	X																								
CN605A (CONT & IND)																																		
CN606 (CONT & IND)																																		
RU5 (IC-9 INTLK)																											X							
MU-V-1B																																		
CP51 (PWR)								X	X																									
CP51A (PWR)																																		
CP601 (CONT)									X	X				X								X	X	X				X		X				
CP602 (CONT)																												X		X				
CP603 (IND)								X	X	X												X	X	X				X		X				
CP604 (CONT)								X	X	X												X	X	X				X						
CP605 (CONT)								X	X					X																				
CP605A (CONT & IND)																																		
CP606 (CONT & IND)																																		
CP607 (INTLK)																																		
RU5 (IC-9 INTLK)																											X							
MU-V-2A																																		
CR17 (PWR)								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 3-6B
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS							
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	
	B	B	B	B	B	B	B	B	B	B	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	
	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	1	1	1	1
				a	b	c					a				0	1	1	a																		
CR17A (PWR)																																				
CR331 (CONT)								X	X		X																									
CR331A (CONT)																																				
CR332 (CONT)									X		X																									Rerouted by RSD
CR332A (CONT)																					X	X														New
CR332B (CONT)																										X	X	X		X					New; Isolated for RSD	
CR332C (CONT)																					X	X					X								New; Isolated for RSD	
CR340 (CONT)								X	X		X																									
CR333 (CONT)																													X		X				Isolated for RSD	
CR334 (CONT)																										X	X	X		X					Isolated for RSD	
CR335 (CONT)									X		X																								New; Required Only for RSD	
CR336 (CONT)									X												X	X													New; Required Only for RSD	
CR338 (CONT)																					X					X		X		X					New; Isolated for RSD	
CR339 (CONT)																					X	X													New; Required Only for RSD	
CR352 (CONT)									X		X										X	X													New	
CR657 (CONT)																												X		X						Isolated for RSD
RU513 (ALARM)																												X		X						Isolated for RSD
MU-V-2B																																				
CR25 (PWR)								X	X		X																									
CR25A (PWR)																																				
CR336 (CONT)									X													X	X												New; Required Only for RSD	
CR351 (CONT)									X		X											X	X												New	
CR381 (CONT)								X	X		X																									
CR381A (CONT)																																				
CR382 (CONT)									X		X																									Rerouted by RSD
CR382A (CONT)																						X	X												New	

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS						
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A				
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B				
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F				
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
CN611 (CONT)									X	X													X	X	X					X		X			
CN612 (CONT)																													X		X				
CN613 (CONT)				X					X	X																									
CN614 (CONT & IND)										X													X	X	X					X		X			
CN615 (IND)																						X	X											New; Required Only for RSD	
CN616 (IND)																						X		X										New; Required Only for RSD	
CN617 (IND)										X																								New; Required Only for RSD	
CN618 (IND)					X	X			X	X																								New; Required Only for RSD	
DL1851 (CONT & IND)																														X		X			
DL1852 (CONT)																														X		X			
DL1853 (CONT)																														X		X			
DL1854 (CONT)										X													X							X		X			
DL1855 (CONT)									X														X							X		X			
DL1856 (CONT)									X																										
DL1860 (CONT)									X					X									X						X		X				
MU-V-6A										E																									
RV282 (CONT)																														X		X			
RV284 (CONT)										X													X	X	X				X						
RV286 (CONT)										X													X	X	X				X						
RV288 (CONT)										X																									
RV289 (CONT)										X																									
RV290 (CONT)										X																									
RV293 (CONT)										X																									
MU-V-6B										E																									

LEGEND

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

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

SHEET 5a

COMPONENTS AND CIRCUITS		LETDOWN																												REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

LEGEND

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

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

SHEET 6a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
	B	B	B	B	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	
	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	
				a	b	c					a				0	1	1	a											
DL33 (CONT)										X																			
DL41 (CONT)									X																				
DL42 (CONT)									X																				
WDL-V-1										E																			Cable Info for Historical Reference Only.
DL21 (CONT)									X					X											X	X		X	
DL22 (CONT)									X	X				X															
DL23 (CONT)										X																			
DL24 (CONT)										X																			
DL25 (CONT)										X																			
WDL-V-3									E																				Cable Info for Historical Reference Only.
DL51 (CONT)									X					X											X	X		X	
DL52 (CONT)									X					X															
DL53 (CONT)														X															
DL54 (CONT)														X															
DL55 (CONT)														X															
WDL-V-4									E																				Cable Info for Historical Reference Only.
DL61 (CONT)									X					X											X	X		X	
DL62 (CONT)									X					X															
DL63 (CONT)														X															
DL64 (CONT)														X															
DL65 (CONT)														X															
WDL-V-5									E																				Cable Info for Historical Reference Only.
DL71 (CONT)									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 3-6B
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 7a

COMPONENTS AND CIRCUITS	LETDOWN																												REMARKS						
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C	C	C	C
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B		B	B	B	B	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	F	F	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	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	
DL72 (CONT)									X					X																					
DL73 (CONT)														X																					
DL74 (CONT)														X																					
DL75 (CONT)														X																					
MU-V-5						E																													
RE38 (INST)							X	X	X																			X	X						
RE39 (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 3-6B
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS																		LETDOWN												REMARKS																										
																		D	D	F	F	F	F	F	F	F	I	I	I													I	I	I	I	I	I	I	R	R	R	R	R	R	R	T
																		G	G	H	H	H	H	H	H	H	B	B	B													B	B	B	B	B	S	S	S	S	B	B	B	B	B	B
																		F	F	F	F	F	F	F	F	F	F	F	F													F	F	F	F	F	H	H	H	H	F	F	F	F	F	F
																		A	Z	Z	Z	1	1	1	1	1	2	3	1																											
																		2	1	2	3	a	b	c	d	e																														
MU-V-1A																		2	1	2	3				E																															
CN41 (PWR)																																																								
CN41A (PWR)																								X																																
CN601 (CONT)				X				X																																																
CN602 (CONT)																																																								
CN605 (CONT & IND)			X																																																					
CN605A (CONT & IND)																								X																																
CN606 (CONT & IND)																								X																																
RU5 (IC-9 INTLK)																																																								
MU-V-1B																								E																																
CN51 (PWR)																																																								
CN51A (PWR)																								X																																
CP601 (CONT)				X				X																																																
CP602 (CONT)																																																								
CP603 (IND)				X				X																																																
CP604 (CONT)				X				X																																																
CP605 (CONT)																																																								
CP605A (CONT & IND)																								X																																
CP606 (CONT & IND)																								X																																
CP607 (INTLK)																								X																																
RU5 (IC-9 INTLK)																																																								
MU-V-2A																								E																																
CR17 (PWR)																																																								

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		LETDOWN																								REMARKS		
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			T
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B			B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F			F
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			
1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	2	1	2	3	a	b	c	d	e	2	3	1
CR17A (PWR)																	2	1	2	3								
CR331 (CONT)																						X						
CR331A (CONT)																						X						
CR332 (CONT)			X	X			X																					Rerouted by RSD
CR332A (CONT)							X																					New
CR332B (CONT)																												New; Isolated for RSD
CR332C (CONT)							X																					New; Isolated for RSD
CR340 (CONT)																												
CR333 (CONT)																												Isolated for RSD
CR334 (CONT)																												Isolated for RSD
CR335 (CONT)																												New; Required Only for RSD
CR336 (CONT)			X	X			X																					New; Required Only for RSD
CR338 (CONT)																												New; Isolated for RSD
CR339 (CONT)																												New; Required Only for RSD
CR352 (CONT)			X	X			X																					New
CR657 (CONT)																												Isolated for RSD
RU513 (ALARM)																												Isolated for RSD
MU-V-2B																						E						
CR25 (PWR)																												
CR25A (PWR)																						X						
CR336 (CONT)			X	X			X																					New; Required Only for RSD
CR351 (CONT)			X	X			X																					New
CR381 (CONT)																												
CR381A (CONT)																						X						
CR382 (CONT)			X	X			X																					Rerouted by RSD
CR382A (CONT)							X																					New

LEGEND

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

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

SHEET 3b

COMPONENTS AND CIRCUITS	LETDOWN																										REMARKS			
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	I	I	I	R	R	R	R	R		R	R	T
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	S	S	S	B	B	B	B	B		B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F		F	F	
	A	A	Z	Z	Z	Z	Z	Z	Z	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	2	1	2	3							2	3	1
CR382B (CONT)																														New; Isolated for RSD
CR382C (CONT)							X																							New; Isolated for RSD
CR383 (CONT)																														Isolated for RSD
CR384 (CONT)																														Isolated for RSD
CR385 (CONT)																														New; Required Only for RSD
CR387 (CONT)																														New; Isolated for RSD
CR388 (CONT)																														New; Required Only for RSD
CR657 (CONT)																														Isolated for RSD
RU513 (ALARM)																														Isolated for RSD
CR340 (CONT)																														
MU-V-3																														
RV152 (CONT)																														New; Isolated for RSD
RV153 (CONT)			X					X																						New
RV154 (CONT)																														New; Required Only for RSD
RV157 (CONT)																														Isolated for RSD
RV158 (CONT)																														Isolated for RSD
RV159 (CONT)																														Isolated for RSD
RV167																														
ED117 (DC)																														New; Required Only for RSD
RV155 (CONT)																														Isolated for RSD
MU-V-4																														
RV267 (CONT)																														
RV276 (CONT)																														
RV277 (CONT)			X					X																						
MU-V-8																														
CN42 (PWR)																														

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS		LETDOWN																								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 P H	I S P H	I S P H	I S P H	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										
CN611 (CONT)				X			X																								
CN612 (CONT)																															
CN613 (CONT)			X	X																											
CN614 (CONT & IND)				X			X																								
CN615 (IND)																												New; Required Only for RSD			
CN616 (IND)				X			X																					New; Required Only for RSD			
CN617 (IND)				X																								New; Required Only for RSD			
CN618 (IND)				X																								New; Required Only for RSD			
DL1851 (CONT & IND)																															
DL1852 (CONT)																															
DL1853 (CONT)																															
DL1854 (CONT)				X			X																								
DL1855 (CONT)				X			X																								
DL1856 (CONT)																															
DL1860 (CONT)				X			X																								
MU-V-6A																															
RV282 (CONT)																															
RV284 (CONT)			X	X			X																								
RV286 (CONT)				X			X																								
RV288 (CONT)																															
RV289 (CONT)																															
RV290 (CONT)																															
RV293 (CONT)																															
MU-V-6B																															

LEGEND

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

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

SHEET 5b

COMPONENTS AND CIRCUITS		LETDOWN																								REMARKS					
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R			T			
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B			B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F			F			
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	F					
		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					
RV283 (CONT)																															
RV285 (CONT)				X	X			X																							
RV287 (CONT)					X			X																							
RV291 (CONT)																															
RV292 (CONT)																															
RV293 (CONT)																															
ED103 (PWR)																															
MU-V-11A																															
RV302 (CONT)																															
RV305 (CONT)				X	X			X																							
RV308 (CONT)				X	X			X																							
RV313 (CONT)																															
RV314 (CONT)																															
RV315 (CONT)																															
ED103 (PWR)																															
MU-V-11B																															
RV303 (CONT)																															
RV306 (CONT)				X	X			X																							
RV309 (CONT)				X	X			X																							
RV316 (CONT)																															
RV317 (CONT)																															
RV318 (CONT)																															
WDL-V-2																											Cable Info for Historical Reference Only.				
DL31 (CONT)				X	X			X																							
DL32 (CONT)																															

LEGEND

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

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

SHEET 6b

COMPONENTS AND CIRCUITS	LETDOWN																								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
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F		F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	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					
DL33 (CONT)																	2	1	2	3										
DL41 (CONT)																														
DL42 (CONT)																														
WDL-V-1																													Cable Info for Historical Reference Only.	
DL21 (CONT)			X	X			X																							
DL22 (CONT)																														
DL23 (CONT)																														
DL24 (CONT)																														
DL25 (CONT)																														
WDL-V-3																													Cable Info for Historical Reference Only.	
DL51 (CONT)			X	X			X																							
DL52 (CONT)																														
DL53 (CONT)																														
DL54 (CONT)																														
DL55 (CONT)																														
WDL-V-4																													Cable Info for Historical Reference Only.	
DL61 (CONT)			X	X			X																							
DL62 (CONT)																														
DL63 (CONT)																														
DL64 (CONT)																														
DL65 (CONT)																														
WDL-V-5																													Cable Info for Historical Reference Only.	
DL71 (CONT)			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 3-6B
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 7b

COMPONENTS AND CIRCUITS	LETDOWN																									REMARKS				
	D G	D G	F H	F H	F H	F H	F H	F H	I B	I B	I B	I B	I B	I B	I B	I B	I B	I S P	I S P	I S P	I S P	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 Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z		F Z	F Z	F Z	F A
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1 a	1 b	1 c	1 d		1 e	2	3	1
	2	1	2	3																										
DL72 (CONT)																														
DL73 (CONT)																														
DL74 (CONT)																														
DL75 (CONT)																														
MU-V-5																														
RE38 (INST)			X	X			X																							
RE39 (INST)																														

LEGEND

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

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

SHEET 1a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
RC-GRP-8																																		
LP51 (PWR)																			R	X														
LP52 (PWR)																				X	R	R												
LP53 (PWR)																																		
LP54 (GND CURR)																				X														
LP55 (U.V.POT)																				X														
LP56 (CONT)																				X														
LP57 (CONT)																				X														
LP58 (CONT)																				X	R						X							
CJ151 (CONT)																												X					Required when Powered from BOP Bus	
CJ152 (CONT)																												X		X			Required when Powered from BOP Bus	
CK2 (PWR)																																	Required when Powered from BOP Bus	
CK151 (CONT)																												X					Required when Powered from BOP Bus	
CK152 (CONT/IND)																												X		X			Required when Powered from BOP Bus	
CK172 (CONT)																												X					Required when Powered from BOP Bus	
EA6810 (PWR)																																		
EA6810A (PWR)																																		
EA1322 (PWR)																																		
EA1323 (PWR)																																		
EA1324 (PWR)																																		
EA6811 (PWR)																																		
EA6811A (PWR)																																		

LEGEND

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

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

SHEET 2a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	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
EA1326 (PWR)																																		
EA1327 (PWR)																																		
EA1328 (PWR)																																		
EA6812 (PWR)																																		
EA6812A (PWR)																																		
EA1330 (PWR)																																		
EA1331 (PWR)																																		
EA1332 (PWR)																																		
RU11 (INTLK)																												X					Required when Powered from BOP Bus	
RU6 (INTLK)																												X					Required when Powered from BOP Bus	
RC-GRP-9																																		
CJ151 (CONT)																												X					Required when Powered from BOP Bus	
CJ152 (CONT)																												X		X			Required when Powered from BOP Bus	
CK3 (PWR)																																	Required when Powered from BOP Bus	
CK151 (CONT)																												X					Required when Powered from BOP Bus	
CK152 (CONT/IND)																												X		X			Required when Powered from BOP Bus	
CK173 (CONT)																												X					Required when Powered from BOP Bus	
LS51 (PWR)																			R		X													
LS52 (PWR)																					X	X												
LS53 (PWR)																																		
LS54 (GND CURR)																					X													

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	1	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
LS55 (U.V. POT)																				X													
LS56 (CONT)																				X													
LS57 (CONT)																				X													
LS58 (CONT)																				X						X	D						Isolated for RSD
EA6813 (PWR)																																	
EA6813A (PWR)																																	
EA1302 (PWR)																																	
EA1303 (PWR)																																	
EA1304 (PWR)																																	
EA6814 (PWR)																																	
EA6814A (PWR)																																	
EA1306 (PWR)																																	
EA1307 (PWR)																																	
EA1308 (PWR)																																	
EA6815 (PWR)																																	
EA6815A (PWR)																																	
EA1310 (PWR)																																	
EA1311 (PWR)																																	
EA1312 (PWR)																																	
RU6 (INTLK)																											X						Required when Powered from BOP Bus
RU11 (INTLK)																											X						Required when Powered from BOP Bus
RC-V-2																																	
CS33 (PWR)								X																									
CS33B (PWR)																																	CS33A was Spared

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS		REACTOR COOLANT																												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
CS261 (CONT)									X																										
CS261B (CONT)																																		CS261A was Spared	
CS261C (CONT)																																			
CS262 (CONT)																																		Rerouted by RSD	
CS262A (CONT)																			P		X												New		
CS263 (CONT)																																		New; Required Only for RSD	
CS264 (CONT)																					X	X		X									New; Required Only for RSD		
CS265 (CONT)																					X	X		X				X		X			New; Isolated for RSD		
CS266 (CONT)																					X	X											New; Required Only for RSD		
RC-RV-2																																			
ED521 (CONT)																							X					X							
ED522 (CONT)																												X		X					
ED524 (CONT)									P																								New		
ED523C (CONT)																			X	X	P						X	X					New; ED523 was Spared		
ED523E (CONT)																																	ED523A was Spared		
ED5050 (CONT)																												X		X					
ED5052 (CONT)																												X		X					
ED103 (PWR)																							X					X							
RU8 (INTLK)																												X							
RU9 (INTLK)																												X							
RU15 (INTLK)																												X		X					
RC-V-3																																	Cable Info for Historical Reference Only.		
CH62 (PWR)									X	X									X		X														
CH62A (PWR)																																			
CH611 (CONT)									X	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 3-6C
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 5a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	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
CH611A (CONT)																																		
CH612 (CONT)																					X			X	X	X				X		X		Rerouted by RSD; Isolated
CH613 (CONT)																					X													New
CH614 (CONT)																					X	X												New; Required Only for RSD
RC-V-4																																		Cable Info for Historical Reference Only.
CS32 (PWR)								X																										
CS32A (PWR)																																		
CS251 (CONT)								X																										
CS251A (CONT)																																		
CS252 (CONT)																			X	X							X			X		X		
RC-V-28																																		Cable Info for Historical Reference Only.
CH621 (CONT)								X	X	X										X			X	X										
CH622 (CONT)																				X			X		X				X		X			
CH621A (CONT)																																		
CH63 (PWR)								X	X										X		X													
CH63A (PWR)																																		
RC-V-44																																		Cable Info for Historical Reference Only.
RV1261 (CONT)								D	D																			D	D	D		D		
RV1261A (CONT)																																		
RC-V-40A																																		Cable Info for Historical Reference Only.
RV1290 (CONT PWR)								X											X	X	X							X	X		X			
RV1290A (CONT PWR)																																		

LEGEND

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

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

SHEET 6a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																																	REMARKS	
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	A	Z		Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	
			a	b	c					a				0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b		
RC-V-41A																																		Cable Info for Historical Reference Only.	
RV1291 (CONT PWR)								D											D	D	D							D	D		D				
RV1291A (CONT PWR)																																			
RC-V-40B																																			Cable Info for Historical Reference Only.
RV1296 (CONT PWR)																																			
RV1304 (CONT PWR)								X	X																		X	X	X		X				
RC-V-41B																																			Cable Info for Historical Reference Only.
RV1297 (CONT PWR)																																			
RV1304 (CONT PWR)								D	D																		D	D	D		D				
RC-V-42																																			Cable Info for Historical Reference Only.
RV1298 (CONT PWR)																																			
RV1298A (CONT PWR)																																			
RV1304 (CONT PWR)								X	X																		X	X	X		X				
RC-V-43																																			Cable Info for Historical Reference Only.
RV1299 (CONT PWR)																																			
RV1299A (CONT PWR)																																			

LEGEND

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

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

SHEET 7a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	4	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b
RV1304 (CONT PWR)								D	D																	D	D	D		D	
RC-V-1																															
CG77 (PWR)								X											X	X											
CG77A (PWR)																															
CG641 (CONT)								X											X	X											
CG641A (CONT)																															
CG642 (CONT)																			X		X						X		X		
CG643 (CONT)																											X		X		
RC-P-1A																															
ED310 (PWR)																			X			X									
MR23 (CONT)																											X				
MR24 (CONT & IND)																											X		X		
MR26 (CONT & IND)																											X		X		
ED310A (PWR)																															New
RC-P-1B																															
ED310 (PWR)																			X			X									
MP23 (CONT)																											X				
MP24 (CONT & IND)																											X		X		
MP26 (CONT & IND)																											X		X		
ED310A (PWR)																															New
RC-P-1C																															
ED310 (PWR)																			X			X									
MR38 (CONT)																											X				
LEGEND																															
X – Component Not Available																															
E – Component Location																															
S – Support Not Available																															
P – Available – Cable Protected																															
D – Design Modification																															
R – Repair																															

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

SHEET 8a

COMPONENTS AND CIRCUITS		REACTOR COOLANT																												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	
MR39 (CONT & IND)																													X		X				
MR41 (CONT & IND)																													X		X				
ED310A (PWR)																																	New		
RC-P-1D																																			
ED310 (PWR)																			X					X											
MP38 (CONT)																																			
MP39 (CONT & IND)																													X						
MP41 (CONT & IND)																													X		X				
MP42 (CONT)																																			
ED310A (PWR)																																	New		
RC-P-1A, 1C Alternate Trip																																			
ED110 (PWR)																			X				X												
ED110A (PWR)																																	New		
MR11 (CONT & IND) ISA-02																													X		X				
MR12 (CONT & IND)																													X		X				
MR13 (CONT & IND)																													X		X				
MR51 (CONT & IND) ISB-72																													X		X				
MR52 (CONT & IND)																													X		X				
MR53 (CONT & IND)																													X		X				

LEGEND

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

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

SHEET 9a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	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	b	
RC-P-1B, 1D Alternate Trip																																	
ED110 (PWR)																			X			X											
ED110A (PWR)																															New		
MR11 (CONT & IND) ISA-72																										X		X					
MP12 (CONT & IND)																										X		X					
MP13 (CONT & IND)																										X		X					
MP51 (CONT & IND) ISB-02																										X		X					
MP52 (CONT & IND)																										X		X					
MP53 (CONT & IND)																										X		X					
CA-V-1																																	
CR44 (PWR)								X	X																								
CR44A (PWR)																																	
CR481 (CONT)								X	X																								
CR481A (CONT)																																	
CR482 (CONT)									X																	X	R	R		R			
CR483 (CONT)																				X	X	X		X			R		R				
CA-V-2										E																							
DC151 (CONT)																										X	X						
DC21 (CONT)																											X		X				
DC22 (CONT)																			X	X		X					X		X				
DC24 (CONT)								X		X									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 3-6C
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 10a

COMPONENTS AND CIRCUITS	REACTOR COOLANT																												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	
DC25 (CONT)										X																								
DC27 (CONT)										X																								
CA-V-3																																		
CR37 (PWR)								X	X																									
CR37A (PWR)																																		
CR431 (CONT)								X	X																									
CR431A (CONT)																																		
CR432 (CONT)									X																	X	R	R		R				
CR433 (CONT)																				X	X	X		X				R		R				
CA-V-13																																		
CR23 (PWR)								X	X																									
CR23A (PWR)																																		
CR371 (CONT)								X	X																									
CR371A (CONT)																																		
CR372 (CONT)									X											X	X	X		X				R		R				
CR373 (CONT)																				X	X	X		X				R		R				
CR374 (CONT)																										X	R	R		R				

LEGEND

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

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

SHEET 1b

COMPONENTS AND CIRCUITS		REACTOR COOLANT																								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	B	S	S	S	S	B	B	B					B	B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F					F	F
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	1	1	1	1	2	3	1			
																		2	1	2	3	a	b	c	d	e					
RC-GRP-8																								E							
LP51 (PWR)																															
LP52 (PWR)							R																			X					
LP53 (PWR)																										X					
LP54 (GND CURR)																															
LP55 (U.V.POT)																															
LP56 (CONT)																															
LP57 (CONT)																															
LP58 (CONT)																															
CJ151 (CONT)							X																			X	Required when Powered from BOP Bus				
CJ152 (CONT)																											Required when Powered from BOP Bus				
CK2 (PWR)																										X	Required when Powered from BOP Bus				
CK151 (CONT)							X																			X	Required when Powered from BOP Bus				
CK152 (CONT/IND)																											Required when Powered from BOP Bus				
CK172 (CONT)							X																			X	Required when Powered from BOP Bus				
EA6810 (PWR)																										X					
EA6810A (PWR)																									X						
EA1322 (PWR)																							X	X							
EA1323 (PWR)																							X	X							
EA1324 (PWR)																							X	X							
EA6811 (PWR)																										X					
EA6811A (PWR)																									X						

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		REACTOR COOLANT																				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	B	S	S	S			S	B	B	B	B	B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H			H	F	F	F	F	F
A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	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	1	2	3	1		
																2	1	2	3	a	b	c	d	e					
EA1326 (PWR)																							X		X				
EA1327 (PWR)																							X		X				
EA1328 (PWR)																							X		X				
EA6812 (PWR)																										X			
EA6812A (PWR)																									X				
EA1330 (PWR)																							X		X				
EA1331 (PWR)																							X		X				
EA1332 (PWR)																							X		X				
RU11 (INTLK)																											Required when Powered from BOP Bus		
RU6 (INTLK)																											Required when Powered from BOP Bus		
RC-GRP-9																							E						
CJ151 (CONT)							X																			X	Required when Powered from BOP Bus		
CJ152 (CONT)																											Required when Powered from BOP Bus		
CK3 (PWR)																										X	Required when Powered from BOP Bus		
CK151 (CONT)							X																			X	Required when Powered from BOP Bus		
CK152 (CONT/IND)																											Required when Powered from BOP Bus		
CK173 (CONT)							X																			X	Required when Powered from BOP Bus		
LS51 (PWR)																													
LS52 (PWR)							X																			X			
LS53 (PWR)																										X			
LS54 (GND CURR)																													

LEGEND

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

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

SHEET 3b

COMPONENTS AND CIRCUITS	REACTOR COOLANT																				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	B	S	S	S		S	B	B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H		H	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F		F	Z	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	1	2	3	1
																	2	1	2	3	a	b	c	d	e			
LS55 (U.V. POT)																												
LS56 (CONT)																												
LS57 (CONT)																												
LS58 (CONT)																											Isolated for RSD	
EA6813 (PWR)																										X		
EA6813A (PWR)																									X			
EA1302 (PWR)																							X		X			
EA1303 (PWR)																							X		X			
EA1304 (PWR)																							X		X			
EA6814 (PWR)																										X		
EA6814A (PWR)																									X			
EA1306 (PWR)																							X		X			
EA1307 (PWR)																							X		X			
EA1308 (PWR)																							X		X			
EA6815 (PWR)																										X		
EA6815A (PWR)																									X			
EA1310 (PWR)																							X		X			
EA1311 (PWR)																							X		X			
EA1312 (PWR)																							X		X			
RU6 (INTLK)																											Required when Powered from BOP Bus	
RU11 (INTLK)																											Required when Powered from BOP Bus	
RC-V-2																							E					
CS33 (PWR)			X																									
CS33B (PWR)																			P		P	P		P			CS33A was Spared	

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS		REACTOR COOLANT																				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	Z	A	Z	Z	Z	1	1	1	1	1	2	3	1							
																		2	1	2	3														
CS261 (CONT)			X																																
CS261B (CONT)																				P		P	P		P		CS261A was Spared								
CS261C (CONT)																				P		P	P		P										
CS262 (CONT)			X																								Rerouted by RSD								
CS262A (CONT)			X					P																			New								
CS263 (CONT)			X																								New; Required Only for RSD								
CS264 (CONT)			X	X			X																				New; Required Only for RSD								
CS265 (CONT)																											New; Isolated for RSD								
CS266 (CONT)																											New; Required Only for RSD								
RC-RV-2																							E												
ED521 (CONT)																																			
ED522 (CONT)																																			
ED524 (CONT)			P																								New								
ED523C (CONT)			P				X																				New; ED523 was Spared								
ED523E (CONT)																				P		P	P		P		ED523A was Spared								
ED5050 (CONT)																																			
ED5052 (CONT)																																			
ED103 (PWR)																																			
RU8 (INTLK)																																			
RU9 (INTLK)																																			
RU15 (INTLK)																																			
RC-V-3																							E				Cable Info for Historical Reference Only.								
CH62 (PWR)			X	X																															
CH62A (PWR)																				X		X	X		X										
CH611 (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 3-6C
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 5b

COMPONENTS AND CIRCUITS	REACTOR COOLANT																							
	D	D	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R	R
	G	G	H	H	H	H	H	B	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	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
CH611A (CONT)																						X	X	
CH612 (CONT)																								
CH613 (CONT)																								
CH614 (CONT)																								
RC-V-4																								E
CS32 (PWR)			X																					
CS32A (PWR)																	X		X	X		X	X	
CS251 (CONT)			X																					
CS251A (CONT)																	X		X	X		X	X	
CS252 (CONT)			X					X																
RC-V-28																								E
CH621 (CONT)				X			X																	
CH622 (CONT)																								
CH621A (CONT)																					X	X		X
CH63 (PWR)			X	X																				
CH63A (PWR)																	X		X	X		X	X	
RC-V-44																								E
RV1261 (CONT)			D	D			D																	
RV1261A (CONT)																					D		D	D
RC-V-40A																						E		
RV1290 (CONT PWR)			X					X																
RV1290A (CONT PWR)																					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 3-6C
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 6b

COMPONENTS AND CIRCUITS	REACTOR COOLANT																							
	D	D	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	T
	G	G	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F
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
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	A
																2	1	2	3	a	b	c	d	e
RC-V-41A																					E			Cable Info for Historical Reference Only.
RV1291 (CONT PWR)			D					D																
RV1291A (CONT PWR)																				D	D	D		
RC-V-40B																					E			Cable Info for Historical Reference Only.
RV1296 (CONT PWR)																				X		X	X	X
RV1304 (CONT PWR)			X	X			X																	
RC-V-41B																					E			Cable Info for Historical Reference Only.
RV1297 (CONT PWR)																				D		D	D	D
RV1304 (CONT PWR)			D	D			D																	
RC-V-42																							E	Cable Info for Historical Reference Only.
RV1298 (CONT PWR)																				X			X	X
RV1298A (CONT PWR)																							X	
RV1304 (CONT PWR)			X	X			X																	
RC-V-43																							E	Cable Info for Historical Reference Only.
RV1299 (CONT PWR)																				D			D	D
RV1299A (CONT PWR)																							X	

LEGEND

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

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

SHEET 7b

COMPONENTS AND CIRCUITS		REACTOR COOLANT																				REMARKS							
		D	D	F	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R			R	R	R	R	T	
		G	G	H	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S			S	B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H			H	F	F	F	F	F
A	A	Z	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			
RV1304 (CONT PWR)				D	D			D																					
RC-V-1																								E					
CG77 (PWR)				X					X																				
CG77A (PWR)																					X			X	X		X		
CG641 (CONT)				X					X																				
CG641A (CONT)																					X			X	X		X		
CG642 (CONT)																							X		X		X		
CG643 (CONT)																													
RC-P-1A																													
ED310 (PWR)																												X	
MR23 (CONT)																												X	
MR24 (CONT & IND)																												X	
MR26 (CONT & IND)																													
ED310A (PWR)																												X	
																												New	
RC-P-1B																													
ED310 (PWR)																												X	
MP23 (CONT)																												X	
MP24 (CONT & IND)																												X	
MP26 (CONT & IND)																													
ED310A (PWR)																												X	
																												New	
RC-P-1C																													
ED310 (PWR)																												X	
MR38 (CONT)																												X	

LEGEND

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

SHEET 8b

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

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

SHEET 9b

COMPONENTS AND CIRCUITS	REACTOR COOLANT																							
	D	D	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	T
	G	G	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F
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
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z
COMPONENTS AND CIRCUITS																	2	1	2	3				
																	a	b	c	d	e	2	3	1
REMARKS																								
RC-P-1B, 1D Alternate Trip																								
ED110 (PWR)																								X
ED110A (PWR)																								X New
MP11 (CONT & IND)																								X
MP12 (CONT & IND)																								X
MP13 (CONT & IND)																								
MP51 (CONT & IND)																								X
MP52 (CONT & IND)																								X
MP53 (CONT & IND)																								X
CA-V-1																							E	
CR44 (PWR)																			X			X		
CR44A (PWR)																								
CR481 (CONT)																								
CR481A (CONT)																			X			X		
CR482 (CONT)			X	X			X																	
CR483 (CONT)							X																	
CA-V-2																								
DC151 (CONT)																								
DC21 (CONT)																								
DC22 (CONT)																								
DC24 (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 3-6C
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 10b

COMPONENTS AND CIRCUITS	REACTOR COOLANT																							
	D	D	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	T
	G	G	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F
COMPONENTS AND CIRCUITS	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	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e
DC25 (CONT)																								
DC27 (CONT)																								
CA-V-3																							E	
CR37 (PWR)																								
CR37A (PWR)																			X			X		
CR431 (CONT)																								
CR431A (CONT)																			X			X		
CR432 (CONT)			X	X			X																	
CR433 (CONT)							X																	
CA-V-13																							E	
CR23 (PWR)																								
CR23A (PWR)																			X			X		
CR371 (CONT)																								
CR371A (CONT)																			X			X		
CR372 (CONT)			X	X																				
CR373 (CONT)							X																	
CR374 (CONT)																								

LEGEND

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

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

SHEET 1a

COMPONENTS AND CIRCUITS	CORE FLOODING																												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	F	A	A	A	A	A	A	A	A	A		A	A	Z	Z
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
CF-V-1A																																	
CS13 (PWR)																																	
CS13A (PWR)																																	
CS201 (CONT)																																	
CS201A (CONT)																																	
CS202 (CONT)																											R		R				
CF-V-1B																																	
CS23 (PWR)																																	
CS23A (PWR)																																	
CS231 (CONT)																																	
CS231A (CONT)																																	
CS232 (CONT)																												R		R			

LEGEND

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

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

SHEET 1b

COMPONENTS AND CIRCUITS	CORE FLOODING																												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		R	T
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	S	P	P	P	P	B	B	B	B	B	B		B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		F	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	Z		Z	A
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	Z	1	1	1	1	1	2	3	1		
																	2	1	2	3											
CF-V-1A																											E				
CS13 (PWR)			X																									X			
CS13A (PWR)																											X				
CS201 (CONT)			X																									X			
CS201A (CONT)																											X				
CS202 (CONT)			X				X																					X			
CF-V-1B																											E				
CS23 (PWR)			X																									X			
CS23A (PWR)																											X				
CS231 (CONT)			X																									X			
CS231A (CONT)																											X				
CS232 (CONT)			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 3-6E
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1a

COMPONENTS AND CIRCUITS		EMERGENCY FEEDWATER																												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	
EF-P-2A																				X	X						X								
MD3 (PWR)																				X	X						X								
MD36 (CONT)																											X			X		X			
RU485 (CONT)																											X			X				Auto Start-UV Interlock	
RU486 (CONT)																				X	X		X				X	X					Auto Start-ESAS Interlock		
RU489 (CONT)																												X		X					
RU501 (CONT)																												X		X				Auto Start-Normal/Defeat Pushbutton Interlock.	
RL121 (CONT)																												X						Auto Start-HSPS Interlock	
RG283																				X	X	X	X					X						Auto Start-RCP Trip Interlock	
EF-P-2B																																			
ME4 (PWR)																			P		X						X								
ME46 (CONT)																											X		X		X			Isolated for RSD	
RU487 (CONT)																											X		X					Auto Start-UV Interlock	
RU488 (CONT)																											X	X	X					Auto Start-ESAS Interlock	
RU490 (CONT)																												X		X				Isolated for RSD	
RU507 (CONT)																												X		X				Auto Start- Normal/Defeat Pushbutton Interlock.	
RL141 (CONT)																												X						Auto Start-HSPS Interlock.	
RL141A (CONT)																												X						Auto Start-HSPS Interlock.	
RL142 (CONT)																												X						Auto Start-HSPS Interlock	
RG282 (CONT)																					X	X	X		X			X						Auto Start-RCP Trip Interlock	
EF-V-2A																																			
CG15 (PWR)																				X	X														
CG241 (CONT)																				X	X														
CG242 (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

SHEET 2a

Rev. 27 |

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

SHEET 3a

COMPONENTS AND CIRCUITS	EMERGENCY FEEDWATER																												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				
	F	F	F	F	F	F	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	
EF-V-30D																					X	X		X		X								New; Isolated for RSD	
RL54 (INST)																				X	X		X		X									New	
RL57 (INST)										X										X	X		X		X									New	
RL57A (INST)											X																								New
RL57B (INST)								X	X																										New
RL80 (INST)																								X			X		X						New; Isolated for RSD
RL85 (INST)																					X														New; Required Only for RSD
RL86 (INST)																				X	X														New; Required Only for RSD
CO-V-7																																			
RV444 (CONT)																												X		X					
RV445 (CONT)																			X	X						X		X							
RC453 (CONT)																																			
CO-V-8																																			
RV444 (CONT)																												X		X					
RV445 (CONT)																			X	X						X		X							
RV457 (CONT)																																			
CO-V-12																																			Power Removed. Cable Info for Historical Reference Only.
CQ56 (PWR)								X		X									X																
CQ631 (CONT)								X		X									X	X						X		X							
CQ632 (CONT)								X		X									X	X						X		X		X					
CO-V-13																																			
CC92 (PWR)																																			
CC93 (PWR)																																			
CC751 (CONT)																																			
CC752 (CONT)																																			

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS	EMERGENCY FEEDWATER																												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	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
CC753 (CONT)																												X		X				
CO-V-111A																																		
CG123 (PWR)																			X	X														
CG125 (CONT)																			X	X														
CG126 (CONT)																			X	X	X							X	X		X			
CG127 (CONT)																																		
CO-V-111B																																		
CH123 (PWR)								X	X										X		X													
CH125 (CONT)								X	X												X	X												
CH126 (CONT)								X	X																			X		X				
CH127 (CONT)																																		
VA-P-1A																																		
LC16 (CONT & IND)																												X		X				Remote Trip Circuit
VA-P-1B																																		
LJ18 (CONT & IND)																												X		X				Remote Trip Circuit
VA-P-1C																																		
LC21 (CONT & IND)																												X		X				Remote Trip Circuit
VA-V-8																																		
CS31 (PWR)																			X															
CS241 (CONT)																				X	X	X		X										
CS242 (CONT)																			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 3-6E
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	EMERGENCY FEEDWATER																							
	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	P	P	P	P	F	F	F	F
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	F	F	F	Z	Z	Z	A
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
REMARKS																								
EF-P-2A											E													
MD3 (PWR)										X														
MD36 (CONT)																								
RU485 (CONT)																								Auto Start – UV Interlock.
RU486 (CONT)																								Auto Start – ESAS Interlock.
RU489 (CONT)																								
RU501 (CONT)																								Auto Start – Normal/Defeat Pushbutton Interlock.
RL121 (CONT)						X																		Auto Start – HSPS Interlock.
RG283 (CONT)																								Auto Start – RCP Trip Interlock.
EF-P-2B											E													
ME4 (PWR)										X														
ME46 (CONT)																								Isolated for RSD
RU487 (CONT)																								Auto Start – UV Interlock.
RU488 (CONT)																								Auto Start – ESAS Interlock.
RU490 (CONT)																								Isolated for RSD
RU507 (CONT)																								Auto Start – Normal/Defeat Pushbutton Interlock.
RL141 (CONT)						X																		Auto Start – HSPS Interlock.
RL141A (CONT)																								Auto Start – HSPS Interlock.
RL142 (CONT)																								Auto Start – HSPS Interlock.
RG282 (CONT)																								Auto Start – RCP Trip Interlock.
EF-V-2A											E													
CG15 (PWR)										X														
CG241 (CONT)										X														
CG242 (CONT)																								
EF-V-2B										E														

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS	EMERGENCY FEEDWATER																							
	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	P	P	P	P	F	F	F	F
1	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
																	F	F	F	F	Z	Z	Z	Z
																	A	Z	Z	Z	a	b	c	d
	2	1	2	3																				
CH96 (PWR)										X														
CH871 (CONT)										X														
CH872 (CONT)																								
EF-V-30A										E														
RF144 (INST)			X				X			X				X										
RF175 (INST)										X														
RL44 (INST)						X																		New – Isolated for RSD
RL77 (INST)						X																		New – Isolated for RSD
RF142 (INST)																								Required Only for RSD
RF144A (INST)																								New
RL84 (INST)																								New – Required Only for RSD
EF-V-30B										E														
RL54 (INST)						X																		New – Isolated for RSD
RL56 (INST)			P																					New
RL56A (INST)			P																					New
RL56B (INST)										X	X			X										New
RL79 (INST)						X																		New – Isolated for RSD
RF151 (INST)																								Required Only for RSD
RL86 (INST)																								New – Required Only for RSD
EF-V-30C										E														
RL44 (INST)						X																		New – Isolated for RSD
RL47 (INST)			X				X			X				X										New
RL78 (INST)						X																		New – Isolated for RSD
RL83 (INST)																								New – Required Only for RSD
RL84 (INST)																								New – Required Only for RSD
EF-V-30D										E														

LEGEND

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

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

SHEET 3b

CABLES & COMPONENTS - REFERENCE ZONE																										
COMPONENTS AND CIRCUITS	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T	
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	B	B	B	B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F		
	A	A	Z	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						
																									REMARKS	
RL54 (INST)							X																		New – Isolated for RSD	
RL57 (INST)			P																						New	
RL57A (INST)			P																						New	
RL57B (INST)										X	X					X									New	
RL80 (INST)							X																		New – Isolated for RSD	
RL85 (INST)																									New – Required Only for RSD	
RL86 (INST)																									New – Required Only for RSD	
CO-V-7																									E	
RV444 (CONT)																										
RV445 (CONT)																									X	
RV453 (CONT)																									X	
CO-V-8																									E	
RV444 (CONT)																									X	
RV445 (CONT)																									X	
RV457 (CONT)																										
CO-V-12																									E	
CQ56 (PWR)			X																						X	
CQ631 (CONT)			X																						X	
CQ532 (CONT)			X																							
CO-V-13																									E	
CC92 (PWR)																									X	
CC93 (CONT)																									X	
CC751 (CONT)																									X	
CC752 (CONT)																									X	
CC753 (CONT)																									X	
CO-V-111A												E														

LEGEND

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

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

SHEET 4b

CABLES & COMPONENTS WITH REFERENCE ZONE																											
COMPONENTS AND CIRCUITS	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T		
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	B	B	B	B	B	B	B			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	F	F	F	F	F	F	F			
	A	A	Z	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	1	1	1	1	2	3	1
REMARKS																											
CG123 (PWR)			X								X	X				X											
CG125 (CONT)			X								X					X											
CG126 (CONT)			X								X	X				X											
CG127 (CONT)											X	X															
CO-V-111B												E															
CH123 (PWR)				X								X				X											
CH125 (CONT)			X				X					X				X											
CH126 (CONT)			X	X			X					X				X											
CH127 (CONT)												X															
VA-P-1A																									E		
LC16 (CONT & IND)																									X	Remote Trip Circuit	
VA-P-1B																									E		
LJ18 (CONT & IND)																									X	Remote Trip Circuit	
VA-P-1C																									E		
LC21 (CONT & IND)																									X	Remote Trip Circuit	
VA-V-8																									E		
CS31 (PWR)			X					X																	X	Circuits adequately separated from VA-P-1A/B/C circuits in TB-FA-1	
CS241 (CONT)			X	X			X																		X	Circuits adequately separated from VA-P-1A/B/C circuits in TB-FA-1	
CS242 (CONT)			X					X																			

LEGEND

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