

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

SHEET 1a

COMPONENTS AND CIRCUITS		H S P S / 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			
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B			
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F			
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c				a					0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
EF-HSPS-A																																		Cable Info for Historical Reference Only.	
EA171 (PWR)																							X	X										New	
EA172 (PWR)																							X	X										New	
RL61 (INST)																																		New	
RL62 (INST)																																		New	
RL63 (INST)																																		New	
RL64 (INST)																																		New	
RL65 (INST)																																		New	
RL66 (INST)																																		New	
RL67 (INST)																																		New	
RL68 (INST)																																		New	
RL69 (INST)																																		New	
RL70 (INST)																																		New	
RL81 (INST)																																		New	
RL121 (INST)																													X					New	
RL126 (INST)																													X		X			New	
EF-HSPS-B																																		Cable Info for Historical Reference Only.	
EA371 (PWR)																							X											New	
EA372 (PWR)																							X											New	
RL71 (INST)																																		New	
RL72 (INST)																																		New	
RL73 (INST)																																		New	
RL74 (INST)																																		New	
RL75 (INST)																																		New	

LEGEND

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

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

SHEET 2a

COMPONENTS AND CIRCUITS		H S P S / EMERGENCY FEEDWATER																												REMARKS				
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C	C		C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	T	F	F	F	F	F	F	F	F	F		F	F	F	
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	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	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
RL76 (INST)																																	New	
RL141 (INST)																													X					New
RL141A (CONT)																														X				New
RL142 (CONT)																														X				New
RL146 (INST)																														X		X		New
RL148 (CONT)																														X		X		New
EF-HSPS-C																																		Cable Info for Historical Reference Only.
EA571 (PWR)																							X	X										New
EF-HSPS-D																																		Cable Info for Historical Reference Only.
EA771 (PWR)																								X										New

LEGEND

X – Component Not Available
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D – Design Modification
R – Repair

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

SHEET 1b

COMPONENTS AND CIRCUITS		H S P S / EMERGENCY FEEDWATER																								REMARKS						
		D	D	F	F	F	F	F	F	I	I	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	B	B
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F					F	F	F
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F	Z	Z	Z	Z	Z	Z	A				
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1				
																		2	1	2	3											
EF-HSPS-A								E																				Cable Info for Historical Reference Only.				
EA171 (PWR)								X																				New				
EA172 (PWR)								X																				New				
RL61 (INST)								X																				New				
RL62 (INST)								X																				New				
RL63 (INST)								X																				New				
RL64 (INST)								X																				New				
RL65 (INST)								X																				New				
RL66 (INST)								X																				New				
RL67 (INST)								X																				New				
RL68 (INST)								X																				New				
RL69 (INST)								X																				New				
RL70 (INST)								X																				New				
RL81 (INST)								X																				New				
RL121 (INST)								X																				New				
RL126 (INST)								X																				New				
EF-HSPS-B								E																				Cable Info for Historical Reference Only.				
EA371 (PWR)								X																				New				
EA372 (PWR)								X																				New				
RL71 (INST)								X																				New				
RL72 (INST)								X																				New				
RL73 (INST)								X																				New				
RL74 (INST)								X																				New				
RL75 (INST)								X																				New				

LEGEND

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

SHEET 2b

[illegible]

LEGEND

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

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

SHEET 1a

FEEDWATER (FOR PREVENTION OF OVERFEEDING STEAM GENERATORS)																																		REMARKS	
COMPONENTS AND CIRCUITS	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		
	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F Z	F Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5		5
					a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a		b
FW-P-1A																																			
GFA1 (CONT)																															X				
GFA2 (CONT)																														X		X			
GFA3 (CONT)																										X	X		X						
GFA4 (CONT)																										X	X		X		X				
GFA5 (CONT)																																			
GFA6 (CONT)																																			
GFA7 (CONT)																																			
GFA8 (CONT)																														X		X			
FW-P-1B																																			
GFB1 (CONT)																														X					
GFB2 (CONT)																														X		X			
GFB3 (CONT)																										X	X		X						
GFB4 (CONT)																										X	X		X		X				
GFB5 (CONT)																																			
GFB6 (CONT)																																			
GFB7 (CONT)																																			
GFB8 (CONT)																														X		X			
FW-V-1A																																			
CC66 (PWR)																																			
CC601 (CONT)																																			
CC602 (CONT)																																			
CC603 (CONT)																										X	X		X		X				
CC604 (CONT)																														X		X			
FW-V-1B																																			
CC68 (PWR)																																			
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 |

SHEET 3a

Rev. 27

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

SHEET 4a

COMPONENTS AND CIRCUITS		FEEDWATER (FOR PREVENTION OF OVERFEEDING STEAM GENERATORS)																												REMARKS							
		A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B	C B					
		F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F T	F T	F A	F A	F A	F A	F A	F A	F A	F A	F A		F A	F A	F Z	F Z			
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	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		
RL179 (CONT)																				X	X			X						X							
RL181 (CONT)																				X	X			X						X							
RL267 (CONT)																																					
RL268 (CONT)																																					

LEGEND

X – Component Not Available
E – Component Location
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R – Repair

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CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

FEEDWATER (FOR PREVENTION OF OVERFEEDING STEAM GENERATORS)																												
COMPONENTS AND CIRCUITS	D	D	F	F	F	F	F	F	I	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	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1
																	2	1	2	3	a	b	c	d	e			
FW-P-1A																											E	
GFA1 (CONT)																											X	
GFA2 (CONT)																												
GFA3 (CONT)																											X	
GFA4 (CONT)																											X	
GFA5 (CONT)																											X	
GFA6 (CONT)																											X	
GFA7 (CONT)																											X	
GFA8 (CONT)																												
FW-P-1B																											E	
GFB1 (CONT)																											X	
GFB2 (CONT)																												
GFB3 (CONT)																											X	
GFB4 (CONT)																											X	
GFB5 (CONT)																											X	
GFB6 (CONT)																											X	
GFB7 (CONT)																											X	
GFB8 (CONT)																												
FW-V-1A																											E	
CC66 (PWR)																											X	
CC601 (CONT)																											X	
CC602 (CONT)																											X	
CC603 (CONT)																											X	
CC604 (CONT)																												
FW-V-1B																											E	
CC68 (PWR)																											X	

LEGEND

X – Component Not Available
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ATTACHMENT 3-6G
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2b

COMPONENTS AND CIRCUITS	FEEDWATER (FOR PREVENTION OF OVERFEEDING STEAM GENERATORS)																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	I	R	R	R	R	T
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
COMPONENTS AND CIRCUITS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
REMARKS																								
CC611 (CONT)																								X
CC612 (CONT)																								X
CC613 (CONT)																								X
CC614 (CONT)																								
FW-V-5A																								E
CQ101 (PWR)			X													X								X
CQ104 (CONT)			X													X								X
CQ105 (CONT)			X																					
RL149 (CONT)			X				X	X																
RL151 (CONT)							X																	
CQ661 (CONT)							X																	
FW-V-5B																E								
CR101 (PWR)									X	X	X	X		X	X									
CR104 (CONT)									X	X	X	X		X	X									
CR105 (CONT)			X	X			X																	
RL153 (CONT)							X																	
RL157 (CONT)			X	X			X																	
CR661 (CONT)							X																	
FW-V-92A																								E
CQ106 (PWR)			X													X								X
CQ109 (CONT)			X													X								X
CQ110 (CONT)			X					X																
RL150 (CONT)			X				X	X																
RL152 (CONT)							X																	
FW-V-92B																E								
CR106 (PWR)									X	X	X	X		X	X									

LEGEND

X – Component Not Available
E – Component Location
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R – Repair

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

SHEET 3b

COMPONENTS AND CIRCUITS	FEEDWATER (FOR PREVENTION OF OVERFEEDING STEAM GENERATORS)																												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	P	P	P	P	B	B	B	B	B	B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F		
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	a	b	c	d	e	2		3
CR109 (CONT)									X	X	X	X		X		X				2	1	2	3							
CR110 (CONT)			X	X			X																							
RL154 (CONT)							X																							
RL158 (CONT)			X	X			X																							
FW-V-16A																													E	
RL138 (CONT)																														
RL140 (CONT)																													X	
RL141 (CONT)							X																							
RL143 (CONT)																														
RL261 (CONT)																													X	
RL262 (CONT)																													X	
FW-V-16B														E																
RL178 (CONT)							X																							
RL179 (CONT)							X																							
RL180 (CONT)			X				X	X			X			X		X														
RL263 (CONT)														X																
RL264 (CONT)														X																
FW-V-17A																													E	
RL138 (CONT)																														
RL141 (CONT)							X																							
RL143 (CONT)																														
RL144 (CONT)																													X	
RL265 (CONT)																													X	
RL266 (CONT)																													X	
FW-V-17B														E																
RL178 (CONT)							X																							

LEGEND

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

SHEET 4b

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

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

SHEET 1a

COMPONENTS AND CIRCUITS	MAIN STEAM																												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	
MS-V-3A,3B,3C,3D,3E, & 3F																																		
RF33 (INST)																										X	X	X	X					
RF34 (INST)																										X	X	X	X					
RF35 (INST)																										X	X	X	X					
RF36 (INST)																										X	X	X	X					
RF37 (INST)																										X	X	X	X					
RF38 (INST)																										X	X	X	X					
RF163 (CONT)																													X					
RF166 (CONT)																																		
RF167 (CONT)																																		
RF168 (CONT)																																		
RF169 (CONT)																																		
RF170 (CONT)																																		
RF171 (CONT)																																		
RF213 (CONT)																												X		X				
MS-V-8A																																		
CS51A (PWR)																																	CS51 was Spared	
CS321 (PWR)																																		
CS322 (CONT)																																	Rerouted by RSD	
CS322A (CONT)																				X	X		X									New		
CS322B (CONT)																				X	X		X									New		
CS322C (CONT)																						X				X		X				New – Isolated for RSD		
CS323 (CONT)																																	New – Required Only for RSD	
CS325 (CONT)																				X	X											New – Required Only for RSD		
CS264 (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 3-6H
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

COMPONENTS AND CIRCUITS	MAIN STEAM																												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	F	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z				
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	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				
MS-V-8B																																					
CS52A (PWR)																																		CS52 was Spared			
CS264 (CONT)																					X	X		X										New – Required Only for RSD			
CS331A (CONT)																																			CS331 was Spared		
CS332 (CONT)																			X																Rerouted by RSD		
CS332A (CONT)																			X	X	X														New		
CS332D (CONT)																				X	X							X	X		X				New – Isolated for RSD		
CS333 (CONT)																																				New – Required Only for RSD	
CS335 (CONT)																					X	X														New – Required Only for RSD	
MS-V-4A																																					
RF31 (INST)																											X	X	X							RF148 was Spared	
RF132 (PWR)																														X		X				Isolated for RSD, Also for MS-V-4B	
RF146 (INST)																					X							X								Required Only for RSD	
RF147 (INST)																													X								Required Only for RSD
RF147A (INST)																													X								New – Required Only for RSD
RF149 (INST)																													X	X							Isolated for RSD
RF149A (INST)																													X								New
RF159 (INST)																														X							Isolated for RSD
RF161 (INST)																														X		X					Isolated for RSD, Also for MS-V-4B
AR1509 (INST PWR)																														X		X					Isolated for RSD, Also for MS-V-4B
MS-V-4B																																					
AR1521 (PWR)																														X		X					Isolated for RSD, Also for MS-V-4A
EA311 (PWR)																							X	X						X		X					EA6809 was Spared & Isolated for RSD, Also for MS-V-4A

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS		MAIN STEAM																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	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	
AR1500 (INST PWR)																													X		X			New, Isolated for RSD, Also for MS-V-4A	
RF213 (CONT)																													X		X			New, Isolated for RSD, Also for MS-V-4A	
RF32 (INST)																					X						X	X						RF157 was Spared	
RF155 (INST)																						X												Required Only for RSD	
RF156 (INST)																					X	X												Required Only for RSD	
RF158 (INST)																					X	X						X	X					Isolated for RSD	
RF158A (INST)																					X													New	
RF160 (INST)																													X					Isolated for RSD	
RF162 (INST)																													X		X			Isolated for RSD	
MS-V-2A																																			
CS351 (CONT)																																			
CS352 (CONT)																				X	X						X			X		X			
MS-V-2B																																			
CS401 (CONT)																					X	X						X	X						
CS402 (CONT)																				X	X						X			X		X			
CS452 (CONT)																														X		X			Cable cannot cause spurious operation
MS-V-10A																																			
ED531 (PWR)																				X				X											
ED532 (PWR)																																			
ED533 (PWR)																																			
ED534 (CONT)																																			
ED535 (CONT)																					X						X			X		X			
ED536 (PWR)																																			
ED537 (CONT)																																			

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS	MAIN STEAM																												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	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
MS-V-10B																			X					X									
ED721 (PWR)																			X		X		X										
ED722 (PWR)																																	
ED723 (PWR)																																	
ED724 (CONT)																																	
ED725 (CONT)																			X		X		X		X		X		X				
ED726 (PWR)																																	
ED727 (CONT)																																	
MS-V-13A																																	
RV841 (CONT)																											X		X				
RV844 (CONT)																			X			X					X		X				
RV849 (CONT)																																	
RL121 (CONT)																											X					New	
RL213 (CONT)																											X					New	
RL214 (CONT)																											X					New	
MS-V-13B																																	
RV856 (CONT)																											X		X				
RV858 (CONT)																			X		X		X				X						
RV864 (CONT)																																	
RL142 (CONT)																											X					New	
RL210 (CONT)																											X					New	
RL211 (CONT)																											X					New	
RL212 (CONT)																											X					New	
MS-V-6																																	

LEGEND

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

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

SHEET 1b

COMPONENTS AND CIRCUITS	MAIN STEAM																									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
																	F	F	F	F	a	b	c	d	e			
																	2	1	2	3								
MS-V-3A,3B,3C,3D,3E, & 3F																											E	
RF33 (INST)																											X	
RF34 (INST)																											X	
RF35 (INST)																											X	
RF36 (INST)																											X	
RF37 (INST)																											X	
RF38 (INST)																											X	
RF163 (CONT)																											X	
RF166 (CONT)																											X	
RF167 (CONT)																											X	
RF168 (CONT)																											X	
RF169 (CONT)																											X	
RF170 (CONT)																											X	
RF171 (CONT)																											X	
RF213 (CONT)																												
MS-V-8A									E																			
CS51A (PWR)			X						X	X					X												CS51 was Spared	
CS321 (PWR)			X						X	X																		
CS322 (CONT)			X	X			X																				Rerouted by RSD	
CS322A (CONT)							X																				New	
CS322B (CONT)							X																				New	
CS322C (CONT)							X																				New – Isolated for RSD	
CS323 (CONT)			X																								New – Required Only for RSD	
CS325 (CONT)																											New – Required Only for RSD	
CS264 (CONT)			X	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 3-6H
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2b

COMPONENTS AND CIRCUITS	MAIN STEAM																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
MS-V-8B										E														
CS52A (PWR)			X							X	X					X								
CS264 (CONT)			X	X			X																	
CS331A (CONT)			X							X	X					X								
CS332 (CONT)			X					X																
CS332A (CONT)																								
CS332D (CONT)																								
CS333 (CONT)			X																					
CS335 (CONT)																								
MS-V-4A										E														
RF31 (INST)										X				X										X
RF132 (PWR)																								
RF146 (INST)																								
RF147 (INST)																								
RF147A (INST)																								
RF149 (INST)																								
RF149A (INST)																								
RF159 (INST)																								
RF161 (INST)																								
AR1509 (INST PWR)																								
MS-V-4B										E														
AR1521 (PWR)																								
EA311 (PWR)																								

LEGEND

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

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

SHEET 3b

COMPONENTS AND CIRCUITS	MAIN STEAM																											REMARKS
	D	D	F	F	F	F	F	F	I	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	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F	F	
	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	1	2	3	
																	F	F	F	F	a	b	c	d	e			
AR1500 (INST PWR)																												New, Isolated for RSD, Also for MS-V-4A
RF213 (CONT)																												New, Isolated for RSD, Also for MS-V-4A
RF32 (INST)										X	X			X													X	RF157 was Spared
RF155 (INST)																												Required Only for RSD
RF156 (INST)																												Required Only for RSD
RF158 (INST)						X																						Isolated for RSD
RF158A (INST)																												New
RF160 (INST)																												Isolated for RSD
RF162 (INST)																												Isolated for RSD
MS-V-2A										E																		
CS351 (CONT)			X							X	X																	
CS352 (CONT)			X					X																				
MS-V-2B										E																		
CS401 (CONT)			X			X				X				X	X												X	
CS402 (CONT)			X				X																					
CS452 (CONT)			X			X																					X	Cable cannot cause spurious operation
MS-V-10A										E																		
ED531 (PWR)										X	X																	
ED532 (PWR)										X																		
ED533 (PWR)										X																		
ED534 (CONT)										X																		
ED535 (CONT)										X	X			X	X												X	
ED536 (PWR)										X																		
ED537 (CONT)										X																		

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS	MAIN STEAM																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d	e
MS-V-10B									E															
ED721 (PWR)									X	X														
ED722 (PWR)									X															
ED723 (PWR)									X															
ED724 (CONT)									X															
ED725 (CONT)									X	X														
ED726 (PWR)									X															
ED727 (CONT)									X															
MS-V-13A									E															
RV841 (CONT)																								
RV844 (CONT)									X	X			X	X									X	Loss of RV844 fails valve open
RV849 (CONT)									X															
RL121 (CONT)						X																		New
RL213 (CONT)						X																		New
RL214 (CONT)						X																		New
MS-V-13B									E															Required for EF-P-1
RV856 (CONT)																								
RV858 (CONT)									X	X														Loss of RV858 fails valve open
RV864 (CONT)									X															
RL142 (CONT)						X																		New
RL210 (CONT)						X																		New
RL211 (CONT)																								New
RL212 (CONT)																								New
MS-V-6									E															

LEGEND

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

SHEET 1a

[illegible]

LEGEND

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

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

SHEET 2a

COMPONENTS AND CIRCUITS		DECAY HEAT REMOVAL																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
											a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b		
DH-V-4A								E																											
CQ4 (PWR)								X		X																									
CQ171 (CONT)								X		X																									
CQ172 (CONT)								X		X									X	X							X		X		X				
CQ173 (CONT)										X									X	X		X						X	X		X				
DH-V-4B								E																											
CR4 (PWR)								X	X		X																								
CR171 (CONT)								X	X		X																								
CR172 (CONT)									X		X									X	X	X		X					X		X				
CR173 (CONT)																											X	X	X		X				
DH-V-5A									E																									Cable Info for Historical Reference Only.	
CQ11 (PWR)								X	X	X																									
CQ251 (CONT)								X		X																									
CQ252 (CONT)								X		X									X	X						X		X		X					
CQ253 (CONT)										X									X	X		X						X	X		X				
DH-V-5B									E																									Cable Info for Historical Reference Only.	
CR11 (PWR)									X		X																								
CR251 (CONT)									X		X																								
CR252 (CONT)									X		X									X	X	X		X				X		X					
CR253 (CONT)																											X	X	X		X				
DH-V-6A	E																																	Cable Info for Historical Reference Only.	
CQ12 (PWR)	X								X		X																								
CQ261 (CONT)	D								D	D	D																								
CQ262 (CONT)									X		X								X	X							X		X		X			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 3-6I
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 3a

COMPONENTS AND CIRCUITS		DECAY HEAT REMOVAL																																	REMARKS
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	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
DH-V-6B		E																																Cable Info for Historical Reference Only.	
CR12 (PWR)		X								X		X																							
CR261 (CONT)		D								D		D																							
CR262A (CONT)						X	X			P		X									X	X	X		X				X		X			Isolated by RSD	
BS-V-3A		E																																	
CQ5 (PWR)		X							X		X																								
CQ201 (CONT)		X							X	X	X																								
CQ202 (CONT)									X		X								X	X							X		X		X				
CQ203 (CONT)																			X	X		X						X	X		X				
BS-V-3B		E																																	
CR203 (CONT)																											X	X	X		X				
CR202 (CONT)										X		X								X	X	X		X				X		X					
CR201 (CONT)		X								X		X																							
CR5 (PWR)		X								X		X																							
DH-V-7A									E																										
CQ13 (PWR)									X		X																								
CQ271 (CONT)									X		X																								
CQ272 (CONT)									X		X								X	X							X		X		X				
DH-V-7B									E																										
CR13 (PWR)									X	X		X																							
CR271 (CONT)									X	X		X																							
CR272 (CONT)										X		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 3-6I
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	DECAY HEAT REMOVAL																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
DH-P-1A																								
MD6 (PWR)			X					X																
MD61 (CONT IND)																								
MD63 (CONT)																								
DH-P-1B																								
ME6 (PWR)			R	X			X																	
ME61 (CONT IND)																								Isolated for RSD
ME63 (CONT)																								Isolated for RSD
DH-V-1																						E		Power Removed
CS11 (PWR)			R																					X
CS11A (PWR)																	X		X		X	X		
CS181 (CONT)			R																					X
CS181A (CONT)																	X	X	X		X	X		
CS182 (CONT)			X				R																	X
CS184 (CONT)																								
DH-V-2																						E		Power Removed
CS12 (PWR)			R																					X
CS12A (PWR)																	X		X			X		
CS191 (CONT)			R																					X
CS191A (CONT)																	X	X	X			X		
CS192 (CONT)			X				R																	X
CS193 (CONT)			X	R			R																	
DH-V-3																								Power Removed
CS22 (PWR)			X																					
CS221 (CONT)			X																					
CS222 (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 3-6I
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2b

COMPONENTS AND CIRCUITS		DECAY HEAT REMOVAL																								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	F	F	F	F	Z	Z	Z	Z	Z	Z	A			
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	2	3	1		
																		2	1	2	3	a	b	c	d	e				
DH-V-4A																														
CQ4 (PWR)																														
CQ171 (CONT)																														
CQ172 (CONT)				X					X																					
CQ173 (CONT)																														
DH-V-4B																														
CR4 (PWR)																														
CR171 (CONT)																														
CR172 (CONT)				X	X			X																						
CR173 (CONT)																														
DH-V-5A																											Cable Info for Historical Reference Only.			
CQ11 (PWR)																														
CQ251 (CONT)																														
CQ252 (CONT)				X					X																					
CQ253 (CONT)																														
DH-V-5B																											Cable Info for Historical Reference Only.			
CR11 (PWR)																														
CR251 (CONT)																														
CR252 (CONT)				X	X			X																						
CR253 (CONT)																														
DH-V-6A																											Cable Info for Historical Reference Only.			
CQ12 (PWR)																														
CQ261 (CONT)																														
CQ262 (CONT)				X					X																		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 3-6I
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 3b

COMPONENTS AND CIRCUITS		DECAY HEAT REMOVAL																								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	A	Z	Z	Z	Z	a	b			c	d		
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1					
																		2	1	2	3										
DH-V-6B																											Cable Info for Historical Reference Only.				
CR12 (PWR)																															
CR261 (CONT)																															
CR262A (CONT)			X	P			X																				Isolated by RSD				
BS-V-3A																															
CQ5 (PWR)																															
CQ201 (CONT)																															
CQ202 (CONT)			X				X																								
CQ203 (CONT)																															
BS-V-3B																															
CR203 (CONT)																															
CR202 (CONT)			X	X			X																								
CR201 (CONT)																															
CR5 (PWR)																															
DH-V-7A																															
CQ13 (PWR)																															
CQ271 (CONT)																															
CQ272 (CONT)			X				X																								
DH-V-7B																															
CR13 (PWR)																															
CR271 (CONT)																															
CR272 (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

SHEET 1a

COMPONENTS AND CIRCUITS		INTERMEDIATE COOLING																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F	F		F	F	F		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1		a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
IC-P-1A													E								X	X													
CG83 (PWR)									X	P			X								X	X													
CG681 (CONT)																					X			X					X		X				
CG685 (CONT)																					X	D							X		X			CG682 was Spared	
CG683 (CONT)																												X		X				Isolated	
CG684 (CONT)																																		Spared (CG684)	
CG686 (CONT)																					X														
RU325 (CONT)																																			
IC-P-1B													E																						
CH61 (PWR)											X		X									X													
CH601 (CONT)																										P			X		X			Rerouted by RSD; Isolated	
CH601A (CONT)																						X			X	P	X							New	
CH602 (CONT)																					X			P					X		X			Isolated for RSD	
CH603 (CONT)																										P			X					Rerouted by RSD; Isolated	
CH603A (CONT)																						X			X	P	X							New	
CH604 (CONT)																						X													
CH605 (CONT)																						X												New	
CH606 (CONT)																						X	X											New; Required only for RSD	
CH61A (PWR)																				P														13R – New	
IC-V-1A																																			
CN51 (PWR)									X	X		X																							
CH51A (PWR)																																			
CN701 (CONT)										X	X	X											X	X	X			X		X					
CN702 (CONT)									X	X		X																							
CN702A (CONT)																																			
CN703 (CONT)																																			

LEGEND

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

SHEET 2a

[illegible]

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS		INTERMEDIATE COOLING																												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	
IC-V-1B																																			
CP64 (PWR)									X	X					X																				
CP64A (PWR)																																			
CP821 (CONT)										X	X				X							X	X	X				X		X					
CP822 (CONT)									X	X					X																				
CP822A (CONT)																																			
CP823 (CONT)																																			
CP824 (CONT)																																			
IC-V-2																																			
CR21 (PWR)									X	X		X																							
CR21A (PWR)																																			
CR361 (CONT)									D	D		D																							
CR361A (CONT)																																			
CR362 (CONT)										X		X																							
CR362A (CONT)										X																								New	
CR362B (CONT)																					X	X												New	
CR363 (CONT)																											X	X	X		X			Isolated for RSD	
CR364A (CONT)																																			
CR364B (CONT)									P	X		X																							
CR365 (CONT)										X		X																						Rerouted by RSD	
CR365A (CONT)										X																								New	
CR365B (CONT)																					X	X													
CR367 (CONT)										X		X																						New; Required Only for RSD	
CR368 (CONT)																					X						X		X		X			New; Isolated for RSD	
CR369 (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 3-6J
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 4a

COMPONENTS AND CIRCUITS	INTERMEDIATE COOLING																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C	C	
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z	
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
IC-V-3								E																										
RV178 (CONT)																												X	X		X			New; Isolated for RSD
RV179 (CONT)								P																										New
RV179A (CONT)																			P		X							X						New
RV180 (CONT)																						X						X						New; Required Only for RSD
RV181 (CONT)																													X		X			Isolated for RSD
RV185A (CONT)																												X	X					Isolated for RSD, RV185 was Spared
RV199 (CONT)								X																										
ED117 (DC)																				X	X	X	X					X					New; Required Only for RSD	
IC-V-4												E																						
RV9 (CONT)																													X		X			Isolated for RSD
RV11 (INTLK)																												X	X					Isolated for RSD
RV12 (INTLK)																												X	X					Isolated for RSD
RV20 (CONT)												X																						
RV28 (CONT)																					X						P	X		X		X		New; Isolated for RSD
RV29 (CONT)																			P		X													New
RV29A (CONT)								P				X																						New
RV30 (CONT)																					X	X												New; Required Only for RSD
IC-V-79A																																		Power Removed. Cable Info for Historical Reference Only.
CQ281 (CONT)								X		X																								
CQ281A (CONT)																																		
CQ282 (CONT)											X												X						X		X			
IC-V-79B																																		Power Removed. Cable Info for Historical Reference Only.
CR281 (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 3-6J
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 5a

COMPONENTS AND CIRCUITS	INTERMEDIATE COOLING																												REMARKS				
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C		
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F		
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A		A	Z	Z	
1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
			a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
CR281A (CONT)																																	
CR282 (CONT)									X	X	X												X					X		X			
IC-V-79C																																	Power Removed. Cable Info for Historical Reference Only.
CQ461 (CONT)									X		X																						
CQ461A (CONT)																																	
CQ462 (CONT)										X												X					X		X				
IC-V-79D																																	Power Removed. Cable Info for Historical Reference Only.
CR341 (CONT)									X	X		X																					
CR341A (CONT)																																	
CR342 (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 3-6J
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS		INTERMEDIATE COOLING																								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	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	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	
IC-P-1A																												
CG83 (PWR)			X					X																				
CG681 (CONT)																												
CG685 (CONT)																										CG682 was Spared		
CG683 (CONT)																										Isolated		
CG684 (CONT)																										Spared (CG684)		
RU325 (CONT)																												
CG686 (CONT)																												
IC-P-1B																												
CH61 (PWR)			X																									
CH601 (CONT)																										Rerouted by RSD; Isolated		
CH601A (CONT)																										New		
CH602 (CONT)																										Isolated for RSD		
CH603 (CONT)																										Rerouted by RSD; Isolated		
CH603A (CONT)																										New		
CH604 (CONT)																												
CH605 (CONT)																										New		
CH606 (CONT)																										New; Required Only for RSD		
CH61A (PWR)			X																							13R - New		
IC-V-1A																					E							
CN51 (PWR)																												
CH51A (PWR)																					X							
CN701 (CONT)			X			X																						
CN702 (CONT)																												
CN702A (CONT)																					X							
CN703 (CONT)																					X							

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		INTERMEDIATE COOLING																				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	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										
CN704 (INTLK)																							X								
IC-V-1B																							E								
CP64 (PWR)																															
CP64A (PWR)																							X								
CP821 (CONT)				X			X																								
CP822 (CONT)																															
CP822A (CONT)																							X								
CP823 (CONT)																							X								
CP824 (CONT)																							X								
IC-V-2																							E								
CR21 (PWR)																															
CR21A (PWR)																							X								
CR361 (CONT)																															
CR361A (CONT)																							D								
CR362 (CONT)																															
CR362A (CONT)				P																								New			
CR362B (CONT)				P	P			P																				New			
CR363 (CONT)																												Isolated for RSD			
CR364A (CONT)																							X								
CR364B (CONT)																															
CR365 (CONT)																															
CR365A (CONT)				P																								New			
CR365B (CONT)				P	P			P																				New			
CR367 (CONT)																												New; Required Only for RSD			
CR368 (CONT)																												New; Isolated for RSD			
CR369 (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 3-6J
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 3b

COMPONENTS AND CIRCUITS	INTERMEDIATE COOLING																								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	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	2	3	1
IC-V-3																												
RV178 (CONT)																											New; Isolated for RSD	
RV179 (CONT)			P																								New	
RV179A (CONT)			P					P																			New	
RV180 (CONT)																											New; Required Only for RSD	
RV181 (CONT)																											Isolated for RSD	
RV185A (CONT)																											Isolated for RSD, RV185 was Spared	
RV199 (CONT)																												
ED117 (DC)																											New; Required Only for RSD	
IC-V-4																											I	
RV9 (CONT)																											Isolated for RSD	
RV11 (INTLK)																											Isolated for RSD	
RV12 (INTLK)																											Isolated for RSD	
RV20 (CONT)																												
RV28 (CONT)																											New; Isolated for RSD	
RV29 (CONT)			P					P																			New	
RV29A (CONT)			P																								New	
RV30 (CONT)																											New; Required Only for RSD	
IC-V-79A																								E			Power Removed. Cable Info for Historical Reference Only.	
CQ281 (CONT)																												
CQ281A (CONT)																				X		X		X				
CQ282 (CONT)				X			X																					
IC-V-79B																								E			Power Removed. Cable Info for Historical Reference Only.	
CR281 (CONT)																												

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS	INTERMEDIATE COOLING																								
	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
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1	1
	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
CR281A (CONT)																						X	X		X
CR282 (CONT)				X			X																		
IC-V-79C																								E	Power Removed. Cable Info for Historical Reference Only.
CQ461 (CONT)																									
CQ461A (CONT)																				X		X		X	
CQ462 (CONT)				X			X																		
IC-V-79D																								E	Power Removed. Cable Info for Historical Reference Only.
CR341 (CONT)																									
CR341A (CONT)																						X		X	
CR342 (CONT)				X			X																		

LEGEND

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

SHEET 1a

Rev. 27 |

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

SHEET 2a

COMPONENTS AND CIRCUITS	AIR HANDLING																												REMARKS						
	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A I T	A I T	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B	C B	C B			
	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A		F A	F A	F Z	F Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1			1	2	2	2	2	2	2	2	3	3		3	3	4	4	5	5
				a	b	c					a				0	1	1	1	a	a	b	c	d	e	f	g	a	b		c	d	a	b	a	b
CBF24(PWR)																	a																		
CBF222(CONT)																																			
CBF223(CONT)																																			
CBF1056(SP HTR)																																			
CBF1057(SP HTR)																																			
CBF1058(SP HTR)																																			

LEGEND

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

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

SHEET 1b

COMPONENTS AND CIRCUITS		AIR HANDLING																								REMARKS			
		D	D	F	F	F	F	F	F	I	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	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		
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	A	Z	Z	Z	2	1	2	3				
AH-E-27A																				E									
CBE58 (PWR)																		X	X	X									
CBE470 (INTLK)																		X											
CBE471 (CONT & IND)			X					X										X	X										
CBE472 (CONT)																													
CBE473 (CONT)																		X	X	X									
CBE474 (CONT)																				X									
CBE475 (CONT)																				X									
AH-E-27B																				E									
CBF25 (PWR)																		X	X	X									
CBF226 (CONT & IND)			X	X			X											X	X										
CBF227 (CONT)																													
CBF228 (CONT)																		X	X	X									
CBF229 (CONT)																				X									
CBF230 (CONT)																				X									
CBF231 (INTLK)																			X										
SW-P-2A																			E										
CBE18(PWR)																		X	X										
CBE251(CONT)																		X	X										
CBE252(CONT)																		X											
CBE1041(SP HTR)																		X	X										
CBE1042(SP HTR)																		X	X										
CBE1043(SP HTR)																			X										
SW-P-2B																		E											

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		AIR HANDLING																								REMARKS							
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	S	S	S	S	R	R	R		R	R	R	T			
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	B	P	P	P	P	B	B	B		B	B	B	B			
		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	3	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										
CBF24(PWR)																			X	X													
CBF222(CONT)																			X	X													
CBF223(CONT)																				X													
CBF1056(SP HTR)																			X	X													
CBF1057(SP HTR)																			X	X													
CBF1058(SP HTR)																			X														

LEGEND

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

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

SHEET 1a

COMPONENTS AND CIRCUITS			NUCLEAR SERVICE CLOSED CYCLE COOLING WATER																												REMARKS					
			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
			F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
			1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
						a	b	c				a					0	1	1	a		a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
NS-P-1A													E																							
LP6 (PWR)									X	X			P								X	X														
LP26 (CONT)																					X				X					X		X				
LP27 (CONT)																					X	D														
LP28 (CONT)																					X	D														
LP29 (CONT)																					X	D							X						Also for NS-P-1B	
LP6 A (PWR)													P																						New – 13R	
NS-P-1B													E																							
LP7 (PWR)																					X	X	X													
LP31 (CONT & IND)																						X			X					X		X				
LP32 (CONT)																						X	X													
LP34 (CONT)																						X	X													
LS6 (PWR)											X		X								X		X													
LS31 (CONT & IND)																						X	X		X					X		X				
LS32 (CONT)																						X	X													
LS34 (CONT)																						X	X													
NS-P-1C													E																							
LS5 (PWR)											X		P										X													
LS26 (CONT)																							X												Rerouted by RSD	
LS27 (CONT)																						X	X													
LS28 (CONT)																						X	X													
LS29 (CONT)																							X					X	X						Isolated for RSD; Also for NS-P-1B	
LS38 (CONT)																							X												New – Required Only for RSD	
LS 5A (PWR)																				P															New – 13R	
LS40 (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 3-6L
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 2a

NUCLEAR SERVICE CLOSED CYCLE COOLING WATER																																REMARKS				
COMPONENTS AND CIRCUITS	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B	C B		C B	C B		
	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A		F Z	F Z		
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	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			
LS26A (CONT)																					X				X	P	X								New – Isolated for RSD	
LS26B (CONT)																									P						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 3-6L
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS	NUCLEAR SERVICE CLOSED CYCLE COOLING WATER																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	T
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
REMARKS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	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
NS-P-1A																								
LP6 (PWR)			X					X																
LP26 (CONT)																								
LP27 (CONT)																								
LP28 (CONT)																								
LP29 (CONT)																								Also for NS-P-1B
LP6 A (PWR)																								New – 13R
NS-P-1B																								
LP7 (PWR)																								
LP31 (CONT & IND)																								
LP32 (CONT)																								
LP34 (CONT)																								
LS6 (PWR)			X					X																
LS31 (CONT & IND)																								
LS32 (CONT)																								
LS34 (CONT)																								
NS-P-1C																								
LS5 (PWR)			X																					
LS26 (CONT)																								Rerouted by RSD
LS27 (CONT)																								
LS28 (CONT)																								
LS29 (CONT)																								Isolated for RSD; Also for NS-P-1B
LS38 (CONT)																								New; Required Only for RSD
LS 5A (PWR)			X																					New – 13R
LS40 (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

SHEET 2b

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE CLOSED CYCLE COOLING WATER																				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	B	S	S	S		S	B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H		F	F	F	F	F	F
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F	F	F	F		Z	Z	Z	Z	Z	Z
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				
LS26A (CONT)																												New – Isolated for RSD
LS26B (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 3-6M
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1a

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	I	A	C	C	C	C	C	C	C	C		C	C	C	C	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	T	I	B	B	B	B	B	B	B	B		B	B	B	B	
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	Z	F	F	F	F	F	F	F	F		F	F	F	F	
		1	2	1	2	2	3	4	5	6	6	7	8	9	1	1	1	1	a	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	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
NR-P-1A																			X		X	X			X						X		X		
LR16 (CONT & IND)																															X		X		
LR16A (CONT & IND)																																			New
LR17 (CONT)																																			
LR18 (CONT)																																			
LR19 (CONT)																			X		X	X	X						X					Also for NR-P-1B	
LR19A (CONT)																																			New; Also for NR-P-1B
LR48 (PWR)																																			
NR-P-1B																																			
CBE1019 (CONT PWR)																																			
CBF1019 (CONT PWR)																																			
RU236 (INTLK)																																			
RU238 (INTLK)																																			
LR5 (PWR)																																			
LR31 (CONT & IND)											X	X																			X		X		
LR32 (CONT)																																			
LR34 (CONT)																																			
LT3 (PWR)																																			
LT26 (CONT & IND)											X	X																			X		X		
LT27 (CONT)																																			
LT29 (CONT)																																			
NR-P-1C																																			
LT16 (CONT & IND)																			X			X	X											Rerouted by RSD	
LEGEND																																			
X – Component Not Available																																			
E – Component Location																																			
S – Support Not Available																																			
P – Available – Cable Protected																																			
D – Design Modification																																			
R – Repair																																			

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

SHEET 2a

COMPONENTS AND CIRCUITS	NUCLEAR SERVICE RIVER WATER																												REMARKS					
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C			
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B			
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F			
	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	Z	Z			
	1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
				a	b	c					a				0	1	1	a	a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b
LT16A (CONT & IND)																																	New	
LT16B (CONT & IND)																				X				X	X	X							Isolated for RSD; New	
LT16C (CONT & IND)																								X				X		X			Isolated for RSD; Formerly Part of LT16	
LT18 (CONT)																																		
LT19 (CONT)																	X										X						Isolated for RSD; Also for NR-P-1B	
LT19A (CONT)																																	New; Also for NR-P-1B	
LT33 (CONT)																																	New	
LT33A (CONT)																	X			X	X												New	
LT35 (CONT)																				X	X												New; Required Only for RSD	
LT48 (PWR)																																		
LR18 (CONT)																																		
NR-S-1A																																		
CBE8 (PWR)																																		
CBE67 (PWR)																																		
CBE72 (CONT)																																		
NR-S-1B																																		
CS91 (PWR)								X	X																									
CS92 (PWR)																																		
NR-S-1C																																		
CBF38 (PWR)																																		
CBF88 (PWR)																																		
CBF89 (CONT)																																		
NR-V-1A																																		

LEGEND

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

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

SHEET 3a

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C	C	C		
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F		
		A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	A	A	A	A	A	A	A	A	A	A	A	Z	Z		
		1	2	1	2	2	2	3	4	5	6	6	7	8	9	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5
					a	b	c					a				0	1		a	a	b	c	d	e	f	g	a	b	c	d	a	b	a	b	
CBE70 (CONT & IND)																																			
CBE489 (CONT)																	X		X	X						X			X		X				
CBE489A (CONT)																																		New	
NR-V-1B																																			
CS141 (CONT)									X	X																									
CS142 (CONT)																												X		X					
NR-V-1C																																			
CBF84 (PWR)																																			
CBF85 (CONT & IND)																																			
CBF151 (CONT & IND)																		X			X	X											Rerouted by RSD		
CBF151A (CONT & IND)																																		New	
CBF151B (CONT & IND)																					X			X	X	X								New	
CBF151C (CONT & IND)																								X				X		X				Formerly Part of CBF151; Isolated for RSD	
CBF153 (CONT)																																			
CBF154 (CONT)																																		New	
CBF154A (CONT)																		X			X	X												New	
CBF156 (CONT)																					X	X												New – Required Only for RSD	
NR-V-3																																		Power Removed. Cable Info for Historical Reference Only.	
CBE226 (CONT)																		X	X	X						X		X		X					
CBE227 (CONT)																																			
NR-V-5			E																															Power Removed. Cable Info for Historical Reference Only.	

LEGEND

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

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

SHEET 4a

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																												REMARKS					
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C		C	C	C	C	
		B	B	B	B	B	B	B	B	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
CQ531 (CONT)			X					X	X												X	X	X			X				X		X			
CQ532 (CONT)								X												X	X	X			X				X		X				
NR-V-4A			E																																
CQ42 (PWR)			X					X	X	X																									
CQ471 (CONT)			X					X	X	X																									
CQ472 (CONT)								X		X										X	X						X		X		X				
CQ473 (CONT)																				X	X		X					X	X		X				
NR-V-4B			E																																
CR43 (PWR)			X						X		X																								
CR471 (CONT)			X						X		X																								
CR472 (CONT)									X		X										X	X	X		X				X		X				
CR473 (CONT)																											X	X	X		X				
NR-V-6			E																														Power Removed. Cable Info for Historical Reference Only.		
CR631 (CONT)			X						X																										
CR632 (CONT)									X	X													X	X				X		X					
NR-V-18			E																														Power Removed. Cable Info for Historical Reference Only.		
CS311 (CONT)			D					D	D																										
CS312 (CONT)																																	Rerouted by RSD		
CS312A (CONT)																		P			X											New			
CS312B (CONT)																					X	X		X				X		X		New – Isolated for RSD			
CS314 (CONT)																					X	X										New			
CS44 (PWR)			X					X	X																										
NR-V-10A			E																														Power Removed. Cable Info for Historical Reference Only.		
CQ571 (CONT)			X					X	X	X																									

LEGEND

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

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

SHEET 5a

COMPONENTS AND CIRCUITS	NUCLEAR SERVICE RIVER WATER																												REMARKS	
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C	C	C	C	C		C
	B	B	B	B	B	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
	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	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	4	5
				a	b	c					a				0	1	1	a	a	b	c	d	e	f	g	a	b	a	b	
CQ572 (CONT)								X		X									X	X						X		X		
NR-V-10B			E																											Power Removed. Cable Info for Historical Reference Only.
CQ581 (CONT)			X					X	X	X																				
CQ582 (CONT)								X		X									X	X						X		X		
CQ54 (PWR)			X					X	X	X																				
NR-V-15A			E																											
CR571 (CONT)			D						D		D																			
CR572A								P	X		X														P	X		X		CR572 was Spared
NR-V-15B			E																											
CR54 (PWR)			X						X		X																			
CR581 (CONT)			D						D		D																			
CR582 (CONT)																							P				X		X	Isolated for RSD
CR582A (CONT)								P	X		X									X					P	X				New
CR582B (CONT)																				X			X	P	X					New
CR584 (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 3-6M
APPENDIX R EVALUATION REPORT – THREE MILE ISLAND UNIT 1
CABLES & COMPONENT IN FIRE AREA/ZONE

SHEET 1b

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																								REMARKS		
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R			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	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	2	3	1		
NR-P-1A																	E											
LR16 (CONT & IND)			X					X										P										
LR16A (CONT & IND)																	X	P							New			
LR17 (CONT)																	X	P							Isolated in ISPH-FZ-1 and 2			
LR18 (CONT)																	P	P							Isolated in ISPH-FZ-1 and 2			
LR19 (CONT)			X					X										P							Also for NR-P-1B			
LR19A (CONT)																	X	P							New; Also for NR-P-1B			
LR48 (PWR)																	X											
NR-P-1B																		E										
CBE1019 (CONT PWR)																	X	X										
CBF1019 (CONT PWR)																		X										
RU236 (INTLK)																		X										
RU238 (INTLK)																	X	X										
LR5 (PWR)																	X	X										
LR31 (CONT & IND)			X				X										X	X							X			
LR32 (CONT)																	X	X										
LR34 (CONT)																	X	X										
LT3 (PWR)																		X										
LT26 (CONT & IND)			X				X											X							X			
LT27 (CONT)																	X	X										
LT29 (CONT)																		X										
NR-P-1C																		E										
LT16 (CONT & IND)			P	X			X										P								Rerouted by RSD			

LEGEND

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

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

SHEET 2b

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																								REMARKS					
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R		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	F	F	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										
LT16A (CONT & IND)																		P	X								New				
LT16B (CONT & IND)																											New; Isolated for RSD				
LT16C (CONT & IND)																											Formerly Part of LT16; Isolated for RSD				
LT18 (CONT)																		P	X												
LT19 (CONT)			P	X			X											P									Isolated for RSD; Also for NR-P-1B				
LT19A (CONT)																		P	X								New; Also for NR-P-1B				
LT33 (CONT)																		P	X								New				
LT33A (CONT)			P	X			X											P									New				
LT35 (CONT)																											New – Required Only for RSD				
LT48 (PWR)																			X												
LR18 (CONT)																		P	P								Isolated in ISPH-FZ-1 and 2				
NR-S-1A																		E													
CBE8 (PWR)																		X													
CBE67 (PWR)																		X													
CBE72 (CONT)																		X													
NR-S-1B																			E												
CS91 (PWR)			X																X												
CS92 (PWR)																			X												
NR-S-1C																			E												
CBF38 (PWR)																			X												
CBF88 (PWR)																			X												
CBF89 (CONT)																			X												
NR-V-1A																		E													

LEGEND

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

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

SHEET 3b

COMPONENTS AND CIRCUITS		NUCLEAR SERVICE RIVER WATER																										REMARKS			
		D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R	R	R	T				
		G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B	B	B		B		
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F	F	F		F		
		A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	F			F	F	F	Z	Z	Z	Z	Z	Z	A		
		1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1	1	1	1	1	2	3	1		
																		2	1	2	3	a	b	c	d	e					
CBE70 (CONT & IND)																		X													
CBE489 (CONT)			X					X											P												
CBE489A (CONT)																		X	P									New			
NR-V-1B																			E												
CS141 (CONT)			X																X												
CS142 (CONT)			X				X																				X				
NR-V-1C																			E												
CBF84 (PWR)																			X												
CBF85 (CONT & IND)																			X												
CBF151 (CONT & IND)			P	X			X											P										Rerouted by RSD			
CBF151A (CONT & IND)																		P	X									New			
CBF151B (CONT & IND)																												New			
CBF151C (CONT & IND)																												Formerly Part of CBF151; Isolated for RSD			
CBF153 (CONT)																			X												
CBF154 (CONT)																		P	X									New			
CBF154A (CONT)			P	X			X											P										New			
CBF156 (CONT)																												New – Required Only for RSD			
NR-V-3																			E									Power Removed. Cable Info for Historical Reference Only.			
CBE226 (CONT)			X					X										X	X												
CBE227 (CONT)																		X	X												
NR-V-5																												Power Removed. Cable Info for Historical Reference Only.			

LEGEND

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

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

SHEET 4b

COMPONENTS AND CIRCUITS	NUCLEAR SERVICE RIVER WATER																							
	D G	D G	F H	F H	F H	F H	F H	F H	I B	I B	I B	I B	I B	I B	I B	I B	I S	I S	I S	I S	R B	R B	R B	R B
	F A	F A	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F Z	F H	F H	F H	F H	F Z	F Z	F Z	F Z
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	A	Z	Z	Z	1 a	1 b	1 c	1 d
																	2	1	2	3				
CQ531 (CONT)																								
CQ532 (CONT)			X	X			X																	
NR-V-4A																								
CQ42 (PWR)																								
CQ471 (CONT)																								
CQ472 (CONT)			X					X																
CQ473 (CONT)																								
NR-V-4B																								
CR43 (PWR)																								
CR471 (CONT)																								
CR472 (CONT)			X	X			X																	
CR473 (CONT)																								
NR-V-6																								Power Removed. Cable Info for Historical Reference Only.
CR631 (CONT)																								
CR632 (CONT)				X			X																	
NR-V-18																								Power Removed. Cable Info for Historical Reference Only.
CS311 (CONT)			D																					
CS312 (CONT)			X																					Rerouted by RSD
CS312A (CONT)			X					P																New
CS312B (CONT)																								New; Isolated for RSD
CS314 (CONT)																								New
CS44 (PWR)			X																					
NR-V-10A																								Power Removed. Cable Info for Historical Reference Only.
CQ571 (CONT)																								

LEGEND

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

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

SHEET 5b

COMPONENTS AND CIRCUITS	NUCLEAR SERVICE RIVER WATER																							
	D	D	F	F	F	F	F	F	I	I	I	I	I	I	I	I	I	I	I	R	R	R	R	R
	G	G	H	H	H	H	H	H	B	B	B	B	B	B	B	B	S	S	S	S	B	B	B	B
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	H	H	H	H	F	F	F	F
COMPONENTS AND CIRCUITS	A	A	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	1	1	1	1
	1	2	1	2	3	4	5	6	1	2	3	4	5	6	7	8	2	1	2	3	a	b	c	d
REMARKS																								
CQ572 (CONT)			X					X																
NR-V-10B																								
CQ581 (CONT)																								
CQ582 (CONT)			X					X																
CQ54 (PWR)																								
NR-V-15A																								
CR571 (CONT)																								
CR572A (CONT)									X	X		X		X		X								X
NR-V-15B																								
CR54 (PWR)																								
CR581 (CONT)																								
CR582 (CONT)																								
CR582A (CONT)									X	X		X		X		X								X
CR582B (CONT)																								
CR584 (CONT)																								

LEGEND

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