

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 | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | F | F | A | A | A | A | A | A | A | A | A | A | A | A | Z | Z | |
| | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 1 | 1 | 1 | 1 | a | 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 | C | C | C | C | C | C | C | C | C | C | | C | C | C | C | |
| | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | B | B | B | B | |
| | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | F | F | F | F | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | A | A | A | A | A | A | A | A | A | A | A | A | Z | Z | |
| | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 |
| | | | | a | b | c | | | | a | | | | | 0 | 1 | 1 | a | a | b | 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 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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 | 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 | | |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | I | A | C | C | C | C | C | C | C | C | | C | C | C | C | | |
| | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | T | I | B | B | B | B | B | B | B | B | B | | B | B | B | B | | |
| | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | Z | F | F | F | F | F | F | F | F | F | | F | F | F | F | | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | F | F | A | A | A | A | A | A | A | A | A | A | A | Z | Z | | |
| | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 1 | 1 | 1 | 1 | a | 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 | | | | | | | | | | | X | P | | X | | | | | X | X | | 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 | A | C | C | C | C | C | C | C | C | C | | C | C | C | | |
| | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | B | B | B | | |
| | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | F | F | F | | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | A | A | A | A | A | A | A | A | A | A | Z | Z | | |
| | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 |
| | | | | a | b | c | | | | | a | | | | 0 | 1 | 1 | a | a | 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 | 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 | |
| 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 | 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 |
| 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 | F | | | | 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 | B | S | S | S | | | | | S | B | B | B | B | | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | H | H | H | | | | | H | F | F | F | F | F | F |
| | | A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | Z | Z | Z | 1 | 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 | |
| | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 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 | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F |

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 | |
| | A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | 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 | 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 | 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 | 2 | 3 | 1 | | | | | |
| | | | | | | | | | | | | | | | | | a | b | c | d | e | | | | | | | | | | |
| 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 | | | R | T |
| | | G | G | H | H | H | H | H | H | B | B | B | B | B | B | B | B | B | B | S | S | S | S | B | B | | | B | B |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | H | H | H | H | F | F | | | F | F |
| A | A | Z | Z | Z | Z | Z | Z | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | S | S | S | S | B | B | | B | | | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | H | H | H | H | F | F | | F | F | | |
| | | A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | 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 | | | | |
| 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

| COMPONENTS AND CIRCUITS | | MAKEUP AND PURIFICATION | | | | | | | | | | | | | | | | | | | | 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 | I S P | I S P | I S P | | | 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 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 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | RSD | | | | |
| CR232A (CONT) | | | P | | | | | | | | | | | | | | | | | | | | | | | | | New | | | | |
| CR232B (CONT) | | | P | | | | | | | | | | | | | | | | | | | | | | | | | New | | | | |
| CR232C (CONT) | | | P | P | | | P | | | | | | | | | | | | | | | | | | | | | New | | | | |
| CR232E (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | New | | | | |
| CR234 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | New; Required Only for RSD | | | | |
| CR236 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | New; Required Only for RSD | | | | |
| CR237 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 3-6B
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 | 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 | |
| | F | F | F | F | F | F | F | F | 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 |
| | | | | a | b | c | | | | | a | | | | 0 | 1 | | a | | | | | | | | | | | | | | | | |
| 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 | | |
| | F | F | F | F | F | F | F | F | F | F | 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 | |
| | | | | 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 | | | | | | | | New; Isolated for RSD |
| CR340 (CONT) | | | | | | | | X | X | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR333 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | |
| | B | B | B | B | B | B | B | B | B | B | 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 | 2 | 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 | |
| CR382B (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | X | | | | New; Isolated for RSD |
| CR382C (CONT) | | | | | | | | | | | | | | | | | | | | | | X | X | | | | | | X | | | | | | | New; Isolated for RSD |
| CR383 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | Isolated for RSD |
| CR384 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | X | | | | Isolated for RSD |
| CR385 (CONT) | | | | | | | | | | X | | X | | | | | | | | | | | | | | | | | | | | | | | | New; Required Only for RSD |
| CR387 (CONT) | | | | | | | | | | | | | | | | | | | | | | X | | | | | | X | | X | | X | | | | New; Isolated for RSD |
| CR388 (CONT) | | | | | | | | | | | | | | | | | | | | | | X | X | | | | | | | | | | | | | New; Required Only for RSD |
| CR657 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | Isolated for RSD |
| RU513 (ALARM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | Isolated for RSD |
| CR340 (CONT) | | | | | | | | | | X | X | | X | | | | | | | | | | | | | | | | | | | | | | | |
| MU-V-3 | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV152 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | | | | New; Isolated for RSD |
| RV153 (CONT) | | | | | | | | | X | | | | | | | | | | X | X | X | | | | | | | | X | | | | | | | New |
| RV154 (CONT) | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | X | | | | | | | New; Required Only for RSD |
| RV157 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | Isolated for RSD |
| RV158 (CONT) | | | | | | | | | | | | | | | | | | | X | X | | | | | | | X | | X | X | | | | | | Isolated for RSD |
| RV159 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | Isolated for RSD |
| RV167 (CONT) | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED117 (DC) | | | | | | | | | | | | | | | | | | | | X | X | X | X | | | | | | X | | | | | | New; Required Only for RSD | |
| RV155 (CONT) | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | Isolated for RSD |
| MU-V-4 | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV267 (CONT) | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV276 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | |
| RV277 (CONT) | | | | | | | | | X | | | | | | | | | | X | X | | | | | | | | X | | X | | | | | | |
| MU-V-8 | | | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | | | I |
| CN42 (PWR) | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |

LEGEND

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

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

SHEET 4a

| COMPONENTS AND CIRCUITS | LETDOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | 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 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 | C | C | C | C | C | C | C | C | C | | C | C | C | C | |
| | | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | B | B | B | B | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | F | F | F | F | |
| | | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | F | 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 |
| RV283 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | |
| RV285 (CONT) | | | | | | | | | | | X | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV287 (CONT) | | | | | | | | | | | X | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV291 (CONT) | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| RV292 (CONT) | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| RV293 (CONT) | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| ED103 (PWR) | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | X | | | | | | |
| MU-V-11A | | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV302 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | |
| RV305 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV308 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV313 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV314 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV315 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED103 (PWR) | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | X | | | | | | |
| MU-V-11B | | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV303 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | |
| RV306 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV309 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | X | X | X | | | | | X | | | | | |
| RV316 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV317 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| RV318 (CONT) | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| WDL-V-2 | | | | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | | Cable Info for Historical Reference Only. | |
| DL31 (CONT) | | | | | | | | | | X | | | | | X | | | | | | | | | | | | | X | X | | X | | | | |
| DL32 (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 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 | 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 |
| 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 | 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 | |
| | 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 | 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 | | |
| 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 | 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 | 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 | 2 | 3 | 1 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| MU-V-1A | | | | | | | | | | | | | | | | | | | | | 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 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR17A (PWR) | | | | | | | | | | | | | | | | | | | | | | X | | | | | | |
| CR331 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 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 | 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 |
| | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | a | b | c | d |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| CR382B (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR382C (CONT) | | | | | | | X | | | | | | | | | | | | | | | | | |
| CR383 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR384 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR385 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR387 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR388 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR657 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RU513 (ALARM) | | | | | | | | | | | | | | | | | | | | | | | | |
| CR340 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| MU-V-3 | | | | | | | | | | | | | | | | | | | | | | | | |
| RV152 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV153 (CONT) | | | X | | | | | X | | | | | | | | | | | | | | | | |
| RV154 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV157 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV158 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV159 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV167 | | | | | | | | | | | | | | | | | | | | | | | | |
| ED117 (DC) | | | | | | | | | | | | | | | | | | | | | | | | |
| RV155 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 | 3 | 1 | | | | |
| | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | a | b | c | d | e | | | | | |
| 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 | 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 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 | 3 | 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 | 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 | 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 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 | 3 | 1 |
| | | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 1 | 2 | 3 | a | b | c | d | e | | |
| DL33 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | F | F | F | F | Z | Z | Z | Z | A |
| | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 1 |
| | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | a | b | c | d | e |
| 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 | 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 | 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 |
| 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 | 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 |
| 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 | 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 | C | C | C | C | C | C | C | C | C | C | | C | C | C | | |
| | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | B | B | B | | |
| | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | F | F | F | | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | A | A | A | A | A | A | A | A | | A | A | 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 |
| 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 |
| 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 |
| 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 | 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 | |
| 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 | | |
| | | 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 | | 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 | 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-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 | 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 | 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 | 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 | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| COMPONENTS AND CIRCUITS | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 |
| | A | A | Z | 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 |
| 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 | A | Z | Z | Z | 1 | 1 | 1 | | 1 | 2 |
| | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | F | F | F | F | a | b | c | d | e | |
| | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | |
| 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 | 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 | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | F | F | F | F | Z | Z | Z | Z | Z | Z | A | | | | | | | | |
| 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 | | | | | | | | | | | | |
| 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 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| CH611A (CONT) | | | | | | | | | | | | | | | | | | | | | X | 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 | 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 | | | | | | | | | | | | | | | | | | | | 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 | 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 | | | | | | | | | | | | | | |
| 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 | I | I | I | I | I | I | I | I | I | I | R | R | R | R | R | R | R | T | | | | | | | | | | |
| | | G | G | H | H | H | H | H | H | B | B | B | B | B | B | B | B | B | S | S | S | S | B | B | B | B | B | B | | | | | | | | | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | H | H | H | H | F | F | F | F | F | F | | | | | | | | | |
| A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | Z | Z | Z | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 1 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | | | | | | | | | | |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

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

SHEET 8b

| 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 | 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 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 | 3 | 1 | | | |
| | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MR39 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MR41 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED310A (PWR) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | New | | | |
| RC-P-1D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED310 (PWR) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MP38 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MP39 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MP41 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MP42 (CONT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED310A (PWR) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | New | | | |
| RC-P-1A, 1C Alternate Trip | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ED110 (PWR) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| ED110A (PWR) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | New | | | |
| MR11 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MR12 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MR13 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MR51 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MR52 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MR53 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 9b

| COMPONENTS AND CIRCUITS | REACTOR COOLANT | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| | 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 |
| 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 | 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 | A |
| | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | a | b | c | d | e |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | 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 | A | Z | Z | Z | a | b | c | d | e | 2 | 3 | 1 |
| | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | | |
| 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

SHEET 1a

| 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 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 | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | C B | 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 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----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|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----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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 | 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 | 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 | 1 | 2 | 3 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | I | 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 | T | I | I | B | B | B | B | B | B | B | B | | B | B | B | B | B | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | 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 | | |
| 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 | A | C | C | C | C | C | C | C | C | C | | C | C | C | | | |
| | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | B | B | | | | |
| | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | F | F | | | | |
| | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | A | A | A | A | A | A | A | A | A | A | Z | Z | | | |
| | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | |
| | | | | a | b | c | | | | | a | | | | 0 | 1 | 1 | a | | a | b | c | d | e | f | g | a | b | c | d | a | b | a | b | |
| EF-V-30D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RL54 (INST) | | | | | | | | | | | | | | | | | | | | | X | X | | X | | X | | | | | | | | New; Isolated for RSD | |
| RL57 (INST) | | | | | | | | | | | | | | | | | | | | | 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 | 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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | 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 | B | B | B | B | B | | B | | | | |
| | | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | H | H | H | H | F | F | F | F | F | | F | F | | | |
| | | A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | Z | Z | Z | a | b | c | d | e | | | A | | | |
| | | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | A | Z | Z | Z | 1 | 1 | 1 | 1 | 2 | 3 | 1 | | | |
| | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 3 | | | | | | | | | | |
| 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

| CABLES & COMPONENTS BY REFERENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------------|---|
| 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 | REMARKS | |
| | 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 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 - HYDRA-REF-REV-001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|---|---|---|---|---|---|---|---|---|------------------------|--|
| COMPONENTS AND CIRCUITS | D | D | F | F | F | F | F | F | I | I | I | I | I | I | I | I | I | I | R | R | R | R | R | R | R | T | | |
| | G | G | H | H | H | H | H | H | B | 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 | 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 | 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 | 2 | 3 | 1 | |
| | | | | | | | | | | | | | | | | | 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 | Power Removed. Cable Info for Historical Reference Only. |
| 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

| 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 | 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 | F | F | F | F | F | F |
| | A | A | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | A | F | F | F | 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 |
| | | | | | | | | | | | | | | | | | | | | | a | b | c | d |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| VA-P-1B | | | | | | | | | | | | | | | | | | | | | | | | E |
| LJ18 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | X |
| VA-P-1C | | | | | | | | | | | | | | | | | | | | | | | | E |
| LC21 (CONT & IND) | | | | | | | | | | | | | | | | | | | | | | | | X |
| VA-V-8 | | | | | | | | | | | | | | | | | | | | | | | | E |
| CS31 (PWR) | | | X | | | | | X | | | | | | | | | | | | | | | | X |
| CS241 (CONT) | | | X | X | | | X | | | | | | | | | | | | | | | | | X |
| 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