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TRM1 - TECHNICAL REQUIREMENTS MANUAL UNIT 1

REMOVE MANUAL TABLE OF CONTENTS DATE: 04/21/2020

ADD MANUAL TABLE OF CONTENTS DATE: 04/22/2020

CATEGORY: DOCUMENTS TYPE: TRM1

ADD
NRR

ID: TEXT 3.8.1

REMOVE: REV:2

ADD: REV: 3

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SSS MANUAL

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Manual Title: TECHNICAL REQUIREMENTS MANUAL UNIT 1

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| TEXT B3.11.4.3 | 0 | 11/19/2002 | Title: RADIOACTIVE EFFLUENTS BASES INTERLABORATORY COMPARISON PROGRAM |
| TEXT B3.12.1 | 1 | 10/04/2007 | Title: LOADS CONTROL PROGRAM BASES CRANE TRAVEL-SPENT FUEL STORAGE POOL |
| TEXT B3.12.2 | 1 | 12/03/2010 | Title: LOADS CONTROL PROGRAM BASES HEAVY LOADS REQUIREMENTS |

SSES MANUAL

Manual Name: TRM1

Manual Title: TECHNICAL REQUIREMENTS MANUAL UNIT 1

TEXT B3.12.3 0 11/19/2002

Title: LOADS CONTROL PROGRAM BASES LIGHT LOADS REQUIREMENTS

3.8 Electrical Power

3.8.1 Primary Containment Penetration Conductor Overcurrent Protective Devices

TRO 3.8.1 The primary containment penetration conductor overcurrent protective devices in Table 3.8.1-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2 and 3

ACTIONS

----- NOTE -----
Separate condition entry is allowed for each device.

| CONDITION | REQUIRED ACTION | COMPLETION TIME |
|---|--|------------------------------|
| A. One or more containment penetration conductor overcurrent protective devices inoperable. | A.1 Deenergize the circuit(s) and declare the affected system or component inoperable. <u>AND</u> A.2 Verify affected circuit deenergized. | 72 hours Once per 7 days |
| B. Required Action and associated Completion Time for Condition A not met. | B.1 Be in MODE 3. <u>AND</u> B.2 Be in MODE 4. | 12 hours 36 hours |

TECHNICAL REQUIREMENT SURVEILLANCE

| SURVEILLANCE | FREQUENCY |
|--|------------|
| <p>TRS 3.8.1.1 -----NOTE----- For each circuit breaker found inoperable, an additional representative sample of $\geq 10\%$ of all the circuit breakers of the inoperable type shall be functionally tested until no more failures are found or all circuit breakers of that type have been functionally tested.</p> <p>Perform a functional test on a representative sample of $\geq 10\%$ of each type of lower voltage circuit breaker.</p> | 24 months |
| TRS 3.8.1.2 Perform a functional test on each overcurrent relay. | 24 months |
| <p>TRS 3.8.1.3 -----NOTE----- The provisions of TRS 3.0.2 are not applicable</p> <p>Subject each circuit breaker to inspection and preventive maintenance.</p> | 120 months |

TABLE 3.8.1-1 (Page 1 of 2)
PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

| Circuit Breaker Designation | | | System/Equipment Powered |
|-----------------------------|------------------------------------|-----------|--------------------------|
| A. | Type 150A Frame – Thermal Magnetic | | |
| 1. | 1B237043 | 1B237043A | Rx Recirc/HV-B31-1F023A |
| 2. | 1B219022 | 1B219022A | Rx Recirc/HV-B31-1F031A |
| 3. | 1B219023 | 1B219023A | Rx Recirc/HV-B31-1F032A |
| 4. | 1B246011 | 1B246011A | Rx Recirc/HV-B31-1F023B |
| 5. | 1B229022 | 1B229022A | Rx Recirc/HV-B31-1F031B |
| 6. | 1B229023 | 1B229023A | Rx Recirc/HV-B31-1F032B |
| 7. | 1B236042 | 1B236042A | Drywell Air Flow/1V411A |
| 8. | 1B236032 | 1B236032A | Drywell Air Flow/1V412A |
| 9. | 1B236011 | 1B236011A | Drywell Air Flow/1V413A |
| 10. | 1B236033 | 1B236033A | Drywell Air Flow/1V414A |
| 11. | 1B236053 | 1B236053A | RWCU/HV-G33-1F001 |
| 12. | 1B236082 | 1B236082A | Drywell Air Flow/1V415A |
| 13. | 1B236043 | 1B236043A | Drywell Air Flow/1V416A |
| 14. | 1B236021 | 1B236021A | Drywell Air Flow/1V417A |
| 15. | 1B246091 | 1B246091A | Drywell Air Flow/1V411B |
| 16. | 1B246103 | 1B246103A | Drywell Air Flow/1V412B |
| 17. | 1B246102 | 1B246102A | Drywell Air Flow/1V413B |
| 18. | 1B246061 | 1B246061A | Drywell Air Flow/1V414B |
| 19. | 1B246072 | 1B246072A | Drywell Air Flow/1V415B |
| 20. | 1B246081 | 1B246081A | Drywell Air Flow/1V416B |
| 21. | 1B246051 | 1B246051A | Drywell Air Flow/1V417B |
| 22. | 1B236123 | 1B236123A | Drywell Air Flow/1V418A |
| 23. | 1B246121 | 1B246121A | Drywell Air Flow/1V418B |
| 24. | 1B236052 | 1B236052A | RHR/HV-E11-1F009 |
| 25. | 1B237073 | 1B237073A | RHR/HV-E11-1F022 |
| 26. | 1B237082 | 1B237082A | HPCI/HV-E41-1F002 |
| 27. | 1B253021 | 1B253021A | NSSS/HV-B21-1F011A |
| 28. | 1B263023 | 1B263023A | NSSS/HV-B21-1F011B |
| 29. | 1B253041 | 1B253041A | MSIV Hoist/TBB15 |
| 30. | 1B263021 | 1B263021A | MSIV Hoist/TBB16 |

TABLE 3.8.1-1 (Page 2 of 2)
PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

| Circuit Breaker Designation | | | System/Equipment Powered |
|-----------------------------|--|-----------|--------------------------|
| B. | Type 150A Frame – Magnetic | | |
| 1. | 1B236023 | 1B236023A | Cont. Inst. Gas/HV-12603 |
| 2. | 1B246022 | 1B246022A | RCIC/HV-E51-1F007 |
| 3. | 1B237072 | 1B237072A | NSSS/HV-B21-1F016 |
| 4. | 1B236102 | 1B236102A | NSSS/HV-B21-1F001 |
| 5. | 1B246112 | 1B246112A | NSSS/HV-B21-1F002 |
| 6. | 1B246113 | 1B246113A | NSSS/HV-B21-1F005 |
| 7. | 1B253052 | 1B253052A | RWCU/HV-G33-1F102 |
| 8. | 1B263043 | 1B253043A | RWCU/HV-G33-1F100 |
| 9. | 1B263052 | 1B263052A | RWCU/HV-G33-1F106 |
| 10. | 1B263081 | 1B263081A | RWCU/HV-G33-1F101 |
| 11. | 1B246062 | 1B246062A | RBCCW/HV-11346 |
| 12. | 1B246012 | 1B246012A | RBCCW/HV-11345 |
| 13. | 1B253063 | 1B253063A | Drywell Sump/1P402A |
| 14. | 1B263071 | 1B263071A | Drywell Sump/1P402B |
| 15. | 1B253043 | 1B253043A | Drywell Sump/1P403A |
| 16. | 1B263072 | 1B263072A | Drywell Sump/1P403B |
| C. | Circuit Breakers Tripped by Overcurrent Relays | | |
| 1. | 1A20501 | 1A20502 | Rx Recirc/1P401A |
| 2. | 1A20601 | 1A20602 | Rx Recirc/1P401B |