



| SIGNALS TO INITIATE RCIC | | |
|--|----------------------------|---|
| TRIP | INSTRUMENT | ACTION |
| REACTOR VESSEL LOW WATER LEVEL | B21 LS N692A,B,C,D | OPEN: F010, F012, F013, F045 F095 CLOSE: F022 |
| SIGNALS TO ISOLATE RCIC | | |
| TRIP | INSTRUMENT | ACTION |
| RCIC EQUIPMENT ROOM TEMPERATURE HIGH | TSE N602A,B | CLOSE: F007, F008, TRIP RCIC TURBINE |
| RCIC STEAM LINE FLOW-HIGH | MYE N657A,B MYE N660A,B | |
| RCIC STEAM SUPPLY PRESSURE-LOW | MYE N658A,B,C,D | |
| HIGH RCIC TURBINE EXHAUST DIAPHRAM RUPTURE 150 ± 10 PSIG | MYE N655A,B,C,D | |
| SIGNALS TO TRIP RCIC | | |
| TRIP | INSTRUMENT | ACTION |
| REACTOR VESSEL HIGH WATER LEVEL | B21 LS N693A,B | TRIP RCIC TURBINE |
| RCIC TURBINE OVERSPEED | ≥ 122.3% RATED SPEED | |
| HIGH RCIC TURBINE EXHAUST PRESSURE | 25 PSIG PSE N009A,B | |
| LOW RCIC PUMP SUCTION PRESSURE | 20" HG VAC PSE N006 | |

- NOTES:
- FOR TECH SPEC SETTING VALVES, REFER TO TECH SPECS.
 - ALL INSTRUMENTATION SHOWN ON THIS DIAGRAM SHOULD BE PREFIXED BY E51 UNLESS NOTED OTHERWISE.
 - ALL VALVES AND DRIFICES SHOWN ON THIS DIAGRAM SHOULD BE PREFIXED BY E5150 UNLESS NOTED OTHERWISE.
 - VALVE F095 CLOSING ONCE LEVEL 2 SIGNAL IS NO LONGER PRESENT.

4M721-5877
LATEST REVISION G

NUCLEAR SAFETY RELATED

THIS IS A MICROSTATION PRODUCED DRAWING. CHANGES OR REVISIONS MUST BE BROUGHT TO THE ATTENTION OF THE PLANT ENGINEERING DESIGN GROUP TO ENSURE THAT CONFIGURATION CONTROL IS MAINTAINED.

THIS DRAWING WAS REFORMATTED BY MICROSTATION AT REVISION "E". ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL.

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| G DCD'S INCORPORATED: EDP 36178.B009, REV. 0 | | | | A PORTION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING: | | INC.CODE U | | Detroit Edison Fermi 2 | |
| OTHER REVISIONS: | | | | TC | CHANGE DOCUMENT | CHECKED BY | DATE | TITLE REACTOR CORE ISOLATION COOLING SIMPLIFIED DRAWING | |
| PREPARED BY | DATE | CHECKED BY | DATE | | | APPROVED BY | DATE | INITIAL COOLING FOLLOWING MAIN CONDENSER ISOLATION | |
| WJ ADLER | 3/31/11 | <i>[Signature]</i> | 5-18-11 | | | APPROVED BY | DATE | APERTURE CARD TITLE UFSAR FIG. 5.5-9 | |
| APPROVED BY | DATE | EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE: EITHER "AFC" OR "ASB" | | | | OTHER APPROVALS | DATE | PLANT IDENTIFICATION SYSTEM NUMBER E5100 | |
| <i>[Signature]</i> | 5-26-11 | JOHN MOSES FOR BILL HAYES PER TRADE 11-0012 | | | | | | ARMS RECIPIENT # 5-26-11 | |
| | | | | | | | | DOCUMENT TYPE CODE DDDMEC | |
| | | | | | | | | NUC OPS FILE NO. 1801 | |
| | | | | | | | | DATE ISSUED TO IS 5-26-11 | |
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