



| VALVE LIMIT SWITCH CONTACT DEVELOPMENT | | | |
|--|--|-------------|---------------|
| CONTACT | VALVE POSITION | | FUNCTION |
| | FULL OPEN | FULL CLOSED | |
| A | █ | | BYPASS FOR X |
| B | █ | | SPARE |
| C | | █ | CLOSE LIGHT |
| D | | █ | OPENING LIMIT |
| E | █ | | BYPASS FOR Y |
| F | █ | | SPARE |
| G | | █ | OPEN LIGHT |
| H | | █ | SPARE |
| X | CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECH OVERLOAD OCCURS DURING CLOSING CYCLE. | | |
| Y | OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECH OVERLOAD OCCURS DURING OPENING CYCLE. | | |

— CONTACT OPEN █ CONTACT CLOSED

LOCATION SYMBOLS

- △ IN CONTROL ROOM
- ⊗ IN PUSHBUTTON
- AT CONTROLLED EQUIPMENT
- AT MCC
- IN RELAY ROOM

NOTE

1. REFER TO DECD STANDARD DWG. 6M721-2290, SHT. 2, DETAIL 2 FOR EXPLANATION OF CONTROL PUSHBUTTONS.
2. SEE CECD FOR SPECIFIC SETPOINT VALUE

| VALVE | | | | | | | |
|-------|-----------------|-----|------------|---------|--------|------|----------------|
| ** | IDENTIFICATION | DIV | CODE NO. | TAG NO. | MCC | POS | PANEL ITEM NO. |
| 1 | EECW TO DRYWELL | II | P4400F606B | | 72F-4A | 4B-R | 2A223 2A224 |

** VALVE NO. FROM TABLE ON SYSTEM DIAGRAM - 6M721-5357.

REFERENCE DWGS. & DOCUMENTS

- 41721-2070-1, LOGIC SYMBOLS AND LEGEND
- 41721-2440-1, LOGIC DIAG-EECW & EESW SYSTEMS
- 61721-2215-2, ELEMENTARY DIAG-CORE SPRAY SYSTEM
- 61721-2441-6, SCHM DIAG-EECWS VALVES-AUTO OPEN
- 61721-2441-13, SCHM DIAG-EECW & EESW 'B' SYSTEM
- 5SD721-2512-19A, 480 VAC MCC 72F-4A FRONTAL ELEV (FRT)
- 5SD721-2512-19B, 480 VAC MCC 72F-4A
- 6M721-5357, PIPING DIAGRAM-RBCCW & EECW SYSTEMS
- 6M721-2001, LEGEND OF SYMBOLS & INSTR IDENTIFICATION FOR PLANT SYSTEM DIAGRAMS FRONTAL ELEV (REAR)
- 61721-2005-1, -2, ARRANGEMENT OF EQUIP ON PANEL H11-P602
- DECD DESIGN INSTRUCTION #29, EECW SYSTEM
- 6M721-2290, SHT. 2, STANDARD PANEL CONFIGURATIONS
- 51721-2440-6, EMERG. EGPT. COOLING WATER SYSTEM VALVES - AUTO OPEN, DIV. 1 LOGIC DIAGRAMS

41721-2440-08

LATEST REVISION

B

NUCLEAR SAFETY RELATED

THIS IS AN AUTOCAD 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 AUTOCAD AT REVISION B. ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL.

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| B DCD'S INCORPORATED: EDP-13687, REV. 0 | | | |
| OTHER REVISIONS: | | | |
| PREPARED BY | DATE | CHECKED BY | DATE |
| RON GONIA | 4-13-95 | [Signature] | 4/17/95 |
| APPROVED BY | DATE | EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE EITHER 'AFC' OR 'ASB' | |
| [Signature] | 4/19/95 | | |

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| TC | CHANGE DOCUMENT | CHECKED BY | DATE |
| | | APPROVED BY | DATE |
| | | OTHER APPROVALS | DATE |

| | | |
|---|------------------|-------------------|
| INC. CODE | U | |
| TITLE | | |
| Detroit Edison Fermi 2 | | |
| LOGIC DIAGRAM | | |
| EMERGENCY EQUIPMENT COOLING WATER SYSTEM VALVE-AUTO CLOSE DIVISION II | | |
| APERTURE CARD TITLE | | |
| L/D EECW SYS VLV AUTO DIV II | | |
| PLANT IDENTIFICATION SYSTEM NUMBER | | ARMS RECIPIENT # |
| P4400, E2100 | | |
| DOCUMENT TYPE CODE | NUC OPS FILE NO. | DATE ISSUED TO IS |
| DDDINC | 1801 | 4-19-95 |
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| 41721-2440-08 | B | |