



- I & C REFERENCE**
1. MOTOR CONTROL LOGIC DIAGRAMS I-2070-98 (INDEX)
  2. EDISON DWG. M-2008
  3. EDISON DWG. M-2027
  4. EDISON DWG. M-2004
  5. EDISON DWG. M-2400-1, 2, 3 & 4
  6. EDISON DWG. M-2015
  7. EDISON DWG. M-5743
  8. EDISON DWG. I-8-2371-01 THRU -12
  9. EDISON DWG. I-8-2372-01 THRU -06
  10. EDISON DWG. I-8-2372-01 THRU -06
  11. HANGERFORD & TERRY DWG. EDISON FILE NO. T3-251 & T3-291
  12. WATERS EQUIP. DWG. EDISON FILE NO. CI-459
- I & C NOTES**
- A. DELETED
  - B. FOR CONDENSER WATERBOX INSTRUMENTATION SEE I & C REF. 4
  - C. DELETE
  - D. FOR BIODICIDE INJECTION INSTRUMENTATION & CONTROLS SEE I & C REF. 7
  - E. I & ISSUED DN REV. A
  - F. DELETED

6M721-2007  
LATEST REVISION  
BZ

**NON-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.

- QUALITY ASSURANCE NOTE:**
- |  |     |       |
|--|-----|-------|
| CIRC. WATER PUMPS, VALVES & PIPING     | G/A | LEVEL |
| RECANT PUMPS, VALVES & PIPING          | 2   | 2     |
| GEN. SERVICE WATER PIPING              | 2   | 2     |
| DEMINEALIZER REGENERATION WASTE PIPING | 2   | 2     |
| POTABLE WATER PIPING                   | NO  | NO    |
| ACID FEED EQUIPMENT & PIPING           | NO  | NO    |
| FLOOR SUMP PUMP & PIPING               | NO  | NO    |
| CEILING TOWERS                         | 2   | 2     |
| CONDENSER & APPURTENANCES              | 2   | 2     |
- NOTES**
1. FOR LEGEND OF SYMBOLS, ABBREVIATIONS AND INSTRUMENT IDENTIFICATION SEE DWG. M-2000 & 2001
  2. DELETE
  3. FOR SYSTEM FUNCTIONAL OPERATING SKETCH SEE DWG. M-5720
  4. DESIGNATES ISOMETRIC DRAWING NO. (PREFIX 6M721-) OR VALVE POSITION EITHER LOCKED/OPEN/LOCKED CLOSED AS INDICATED BY LO OR LC
  5. ONE TO FIVE INTAKE FLOW GRID STRUCTURES MAY BE INSTALLED IN ANY EXISTING STEP GATE TRACK AT THE DISCRETION OF NUCLEAR OPERATIONS.
  6. DESIGNATES AUTOMATIC AIR VENT VALVE.
  7. UNLESS OTHERWISE SHOWN: ALL INSTRUMENT PIS NUMBERS ARE PREFIXED N71. ALL VALVE AND EQUIPMENT PIS NUMBERS ARE PREFIXED N7100.

**OTHER REVISIONS:**

NO.	DATE	DESCRIPTION
1	5-14-15	CHANGED BY [Signature]
2	6/15/15	CHANGED BY [Signature]

**PREPARED BY:** C. BYRD  
**DATE:** 5-14-15  
**CHECKED BY:** [Signature]  
**DATE:** 6/15/15

4. PORTION OF THIS DRAWING IS AFFIXED BY THE FOLLOWING:		PREPARED BY	DATE
TO	CHANGE DOCUMENT	CHECKED BY	DATE
APPROVED BY		DATE	
OTHER APPROVALS		DATE	

**INC. CODE:** T  
**TITLE:** Detroit Edison Fermi 2  
**DIAGRAM CIRCULATING WATER SYSTEM**

**APERTURE CARD TITLE:** DIAGRAM CIRC. WATER SYSTEM  
**PLANT IDENTIFICATION SYSTEM NUMBER:** N7100.G1100.P4100.P9001.W2302  
**DOCUMENT TYPE CODE:** DDDMEC  
**NUC. OPS. FILE NO.:** 1801  
**DATE ISSUED TO IS:** 6-25-15  
**DRAWING NUMBER:** 6M721-2007  
**REV.:** BZ

LUBE & COOLING WATER SYSTEM DIAGRAM  
ND SCALE