



**INSTRUMENT & CONTROL SYSTEM SYSTEM N21**

**NOTES:**

- A. DELETED.
- B. DELETED.
- C. LAST INSTRUMENT NUMBERS ASSIGNED F002/F406-K-406/K815-L442-N450-R401/R819 (N500-525).
- D. LDDIP N21-4AB, N21-5AB, AND N21-6 ARE SHOWN ON M-2004-01

**REFERENCES:**

1. GE FEEDWATER CONTROL SYSTEM 1-2125-1-05
2. 791E 408TG SHT. 1-5 M-2004 & 2004-01
3. FEEDWATER HEATER DRAINS SYSTEM M-2005 & 2005-01
4. TBCCV SYSTEM DIAGRAM M-2008
5. DIAG. OF TURB. BLDG. SAMPLES 1-2400-03
6. FEEDWATER CONTROL SYSTEM 1-2126-01
7. INSTRUMENT DIAGRAM 732E153(R1-155) 1-2400-01

- NOTES:**
1. ALL FLOWS AND VELOCITIES SHOWN WITH THE EXCEPTION OF PUMP BY-PASSES ARE AT 100% WARRANTED REACTOR FLOW.
  2. DELETED.
  3. FOR LEGEND OF SYMBOLS AND ABBREVIATIONS, SEE DWG. M-2000 AND M-2001.
  4. DESIGNATION'S PIPING ISOMETRIC NUMBER.
  5. VALVES N2100F004 AND N2100F005 ARE TO BE DE-ENERGIZED DURING PLANT OPERATION. THEY ARE OPERATED ONLY DURING LONG CLEAN UP CYCLE.
  6. DELETED.
  7. UNLESS OTHERWISE SHOWN ALL INSTRUMENTS PIS NUMBERS ARE PREFIX N21 ALL VALVES AND EQUIPMENT PIS NUMBERS ARE PREFIX N2100.
  8. DELETED.
  9. DELETED.

- REFERENCES:**
- M-2039 NOBLE CHEMISTRY INJECTION SKID DIAGRAM
  - M-5821 ISI BOUNDARY DRAWING, REACTOR FEEDWATER SYSTEM
  - M-5715-1 REACTOR FEEDWATER SYSTEM FUNCTIONAL OPERATING SKETCH

THIS DRAWING WAS REFORMATTED BY MICROSTATION AT REVISION "A" ALL INSTRUMENTS APPROVED SIGNATURES ARE ON FILE ON MICROPLM IN DOCUMENT CONTROL.

INC. CODE	T	DATE	
PREPARED BY		DATE	
CHECKED BY		DATE	
APPROVED BY		DATE	
OTHER APPROVALS		DATE	

OTHER REVISIONS:  
REVISED DRAWING TO SHOW VALVE N2100F164 AS A 3/4" VENT FOR CLARITY

PREPARED BY	DATE	CHECKED BY	DATE
APPROVED BY	DATE	CHECKED BY	DATE

EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE: EITHER "AFC" OR "ASB"

INC. CODE	Detroit Edison	Fermi 2
TITLE	DIAGRAM FEEDWATER SYSTEM	
APERTURE CARD TITLE	DIAGRAM FEEDWATER SYSTEM	
PLANT IDENTIFICATION SYSTEM NUMBER	N2100	
DOCUMENT TYPE CODE	DDDMEC	NUC OPS FILE NO. 1501
DRAWING NUMBER	6M721-2023	DATE ISSUED TO IS 12/14/2020

**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.

6M721-2023  
LATEST REVISION  
BP