



- NOTES:**
- FOR LEGEND OF SYMBOLS AND ABBREVIATIONS, SEE DWG. NO. M-2000 AND M-2001.
 - DIAGRAM DRIPS AND DRAINS FOR STEAM LINES AND MAIN TURBINE, SEE DWG. M-2985.
 - MAIN STEAM DIAGRAM, SEE DWG. M-2002.
 - HEATER DRAINS DIAGRAM, SEE DWG. M-2005.
 - DELETED
 - DELETED
 - DELETED
 - DESIGNATES ISOMETRIC DRAWING NO. (PREFIX NO. 6M721-)
 - I-2336-05 MAIN TURBINE GLAND SEAL SYSTEM.
 - I-2314-03 R/PPT GLAND SEAL SYSTEM
 - FOR FUNCTIONAL OPERATING SKETCH SEE DWG. M-5177-2
 - FOR PROCESS CONDITIONS, SEE GENERAL ELECTRIC'S LATEST HEAT BALANCE DWGS.
 - DELETED
 - DELETED

INSTRUMENT & CONTROL SYSTEMS

SYSTEM N30

NOTES:

- UNLESS OTHERWISE SHOWN, ALL INSTRUMENT NUMBERS IN THIS DIAGRAM ARE FOR SYSTEM N30.
- WHERE POSSIBLE, ALL INSTRUMENTS TO BE LOCATED IN ACCESSIBLE AREAS.
- ALL FEEDWATER HEATER EXTRACTION STEAM SUPPLY CHECK VALVE-SOLENOID PILOT VALVES ARE SHOWN IN THEIR ENERGIZED STATE. HOWEVER TURBINE TRIP HI HTR LEVEL/LOAD REJECTION OR TEST PUSH-BUTTON WILL DE-ENERGIZE THESE SOLENOIDS, RELEASING OPERATOR AIR PRESSURE TO ALLOW THE CHECK VALVE TO TRIP CLOSE.

REFERENCES:

1. MAIN AND REHEAT STEAM DIAGRAM	M-2002
2. CONDENSATE DIAGRAM	M-2004
3. DRIPS AND DRAINS DIAGRAM	M-2985
4. INGERSOLL RAND DWG#N4-242 RET-501X(12-57)	
5. INGERSOLL RAND DWG#N4-242 RET-520X(12-51)	
6. TURBINE GLAND STEAM SEALING SYS.	I-2336-05
7.	
8.	
9. HTR. 3 & 4 EXTRAC. STM. INTERLOCKS	I-2330-15
10. HTR. 5 EXTRAC. STM. INTERLOCKS	I-2330-16
11. HTR. 6 EXTRAC. STM. INTERLOCKS	I-2330-17
12. S/D I-2332-17	
13. S/D I-2332-16	
14. S/D I-2332-07	

6M721-2003
LATEST REVISION
AP

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.

INC. CODE		Detroit Edison		Fermi 2	
T		TITLE			
		DIAGRAM-MAIN TURBINE EXTRACTION STEAM SYSTEM			
AP		APPROVED CARD FILED			
DCD'S INCORPORATED:		PLANT IDENTIFICATION SYSTEM NUMBER			
TM 12-0019.8002, REV. #		N3016			
OTHER REVISIONS:		DOCUMENT TYPE CODE			
		DDMEC			
PREPARED BY		DATE		NUC OPS FILE NO.	
K. BENNETT		10-16-15		1803	
CHECKED BY		DATE		DATE ISSUED TO IS	
J. M. ...		10/16/15		10-21-15	
APPROVED BY		DATE		REV.	
J. M. ...		10/16/15		AP	
DRAWING NUMBER		6M721-2003			