

DOCKET NO. 50-289

UNIT TMI #1

DATE March 1, 1977

COMPLETED BY L. L. Lawyer

TEL. NO. 929-3601 Ext. 111

DAILY PLANT POWER OUTPUT

MONTH February

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>790</u>	21	<u>804</u>
2	<u>792</u>	22	<u>801</u>
3	<u>793</u>	23	<u>798</u>
4	<u>790</u>	24	<u>797</u>
5	<u>365</u>	25	<u>791</u>
6	<u>753</u>	26	<u>793</u>
7	<u>792</u>	27	<u>791</u>
8	<u>801</u>	28	<u>796</u>
9	<u>798</u>	29	<u>---</u>
10	<u>797</u>	30	<u>----</u>
11	<u>796</u>	31	<u>----</u>
12	<u>796</u>		
13	<u>793</u>		
14	<u>796</u>		
15	<u>796</u>		
16	<u>799</u>		
17	<u>797</u>		
18	<u>795</u>		
19	<u>798</u>		
20	<u>800</u>		

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## SUMMARY:

## UNIT SHUTDOWNS AND POWER REDUCTIONS

The unit operated at 100% F power from 0001, 2/1/77 until 2300 2/4/77 when the unit was shutdown due to a malfunction of the Turbine overspeed oil trip test tubing. The turbine was off-line for 7.2 hours but the reactor remained critical. The unit returned to 100% Power on 2/6/77 at 1200 hours and remained at essentially full power for the remainder of the month.

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REPORT MONTH February

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NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	COMMENTS
1	2/5/77	S	7.2	A	1	Malfunction of Turbine Overspeed Oil Trip Testing Tubing
<div style="display: flex; justify-content: space-between;"> <div> <p>(1) REASON:</p> <p>A-EQUIPMENT FAILURE (EXPLAIN)</p> <p>B-MAINT. OR TEST</p> <p>C-REFUELING</p> <p>D-REGULATORY RESTRICTION</p> <p>E-OPERATOR TRAINING AND LICENSE EXAMINATION</p> <p>F- ADMINISTRATIVE</p> <p>G-OPERATIONAL ERROR (EXPLAIN)</p> <p>H- OTHER (EXPLAIN)</p> </div> <div> <p>(2) METHOD:</p> <p>1-MANUAL</p> <p>2-MANUAL SCRAM</p> <p>3-AUTOMATIC SCRAM</p> <p>4-OTHER (EXPLAIN)</p> </div> </div>						

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# OPERATING DATA REPORT

DOCKET NO. 50-289  
UNIT NAME TMI #1  
DATE March 1, 1977  
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1. REPORTING PERIOD: 0001,770201 THROUGH 2400,770228  
GROSS HOURS IN REPORTING PERIOD: 672
2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 2535 MAX. DEPEND. CAPACITY(MWe-Net) 792  
Design Electrical Rating (MWe-net) 819
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): NA
4. REASONS FOR RESTRICTIONS ( IF ANY): NA

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS REACTOR WAS CRITICAL . . .	<u>672</u>	<u>1416</u>	<u>17267.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	<u>0</u>	<u>0</u>	<u>605.5</u>
7. HOURS GENERATOR ON-LINE . . . . .	<u>664.8</u>	<u>1408.8</u>	<u>16,917.2</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) . . .	<u>1,658,498</u>	<u>3,532,370</u>	<u>41,290,245</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . .	<u>555,557</u>	<u>1,184,368</u>	<u>13,857,155</u>
11. NET ELECTRICAL ENERGY GENERAGED (MWH) . . .	<u>523,367</u>	<u>1,115,878</u>	<u>12,970,838</u>
12. REACTOR SERVICE FACTOR . . . . .	<u>100.0</u>	<u>100.0</u>	<u>79.0</u>
13. REACTOR AVAILABILITY FACTOR . . . . .	<u>100.0</u>	<u>100.0</u>	<u>81.8</u>
14. UNIT SERVICE FACTOR . . . . .	<u>98.9</u>	<u>99.5</u>	<u>77.4</u>
15. UNIT AVAILABILITY FACTOR . . . . .	<u>98.9</u>	<u>99.5</u>	<u>77.4</u>
16. UNIT CAPACITY FACTOR (USING MDC) . . . . .	<u>98.3</u>	<u>99.5</u>	<u>74.9</u>
17. Unit Capacity Factor(Using Design MWe net)	<u>95.1</u>	<u>96.2</u>	<u>72.4</u>
18. FORCED OUTAGE RATE . . . . .	<u>0.0</u>	<u>0.0</u>	<u>6.0</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): - Refueling - March 19, 1977 - 6 weeks
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): NOT APPLICABLE

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