

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE 11/1/77

COMPLETED BY W. E. Potts

TEL. NO. Ext. 114

MONTH October

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL(MWe-Net)</u>
1	<u>777</u>	21	<u>795</u>
2	<u>776</u>	22	<u>760</u>
3	<u>785</u>	23	<u>798</u>
4	<u>785</u>	24	<u>797</u>
5	<u>784</u>	25	<u>796</u>
6	<u>783</u>	26	<u>792</u>
7	<u>788</u>	27	<u>783</u>
8	<u>787</u>	28	<u>785</u>
9	<u>778</u>	29	<u>795</u>
10	<u>785</u>	30	<u>797</u>
11	<u>788</u>	31	<u>799</u>
12	<u>786</u>		
13	<u>788</u>		
14	<u>785</u>		
15	<u>786</u>		
16	<u>788</u>		
17	<u>790</u>		
18	<u>791</u>		
19	<u>790</u>		
20	<u>789</u>		

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OPERATING DATA REPORT

DOCKET NO. 50-289
UNIT NAME TMI-1
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1. REPORTING PERIOD: 0001, 77, 1001 THROUGH 2400, 77, 1031
GROSS HOURS IN REPORTING PERIOD: 745 (change from DST to EST)
2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 2535 MAX. DEPEND. CAPACITY(MWe-Net) 792
3. DESIGN ELECTRICAL RATING (MWe-net) 810
4. POWER LEVEL TO WHICH RESTRICTED (IF ANY): _____
5. REASONS FOR RESTRICTIONS (IF ANY): _____

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS REACTOR WAS CRITICAL . . .	<u>745</u>	<u>5,747.5</u>	<u>21,599.3</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>230</u>	<u>838.5</u>
7. HOURS GENERATOR ON-LINE	<u>745</u>	<u>5,633.4</u>	<u>21141.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) . . .	<u>1,875,697</u>	<u>13,998,675</u>	<u>51,756,550</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . .	<u>621,878</u>	<u>4,594,518</u>	<u>17,267,305</u>
11. NET ELECTRICAL ENERGY GENERAGED (MWH) . . .	<u>586,526</u>	<u>4,307,404</u>	<u>16,162,364</u>
12. REACTOR SERVICE FACTOR	<u>100%</u>	<u>78.8%</u>	<u>77.8%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100%</u>	<u>81.9%</u>	<u>80.9%</u>
14. UNIT SERVICE FACTOR	<u>100%</u>	<u>77.2%</u>	<u>76.2%</u>
15. UNIT AVAILABILITY FACTOR	<u>100%</u>	<u>77.2%</u>	<u>76.2%</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>99.4%</u>	<u>74.5%</u>	<u>73.6%</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe-net)	<u>96.1%</u>	<u>72.1%</u>	<u>71.1%</u>
18. FORCED OUTAGE RATE	<u>0</u>	<u>4.4%</u>	<u>5.9%</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

Refueling, 3/18/78, 6 Weeks

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): NOT APPLICABLE

1589 091

SUMMARY:

UNIT SHUTDOWNS AND POWER REDUCTIONS

TMI-1 ran at essentially 100% Power the entire month.

1589 092

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REPORT MONTH October

NO.	DATE	TYPE : F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	COMMENTS
						<p>(1) REASON: A-EQUIPMENT FAILURE (EXPLAIN) B-MAINT. OR TEST C-REFUELLING D-REGULATORY RESTRICTION E-OPERATOR TRAINING AND LICENSE EXAMINATION F-ADMINISTRATIVE G-OPERATIONAL ERROR (EXPLAIN) H-OTHER (EXPLAIN)</p> <p>(2) METHOD: 1-MANUAL 2-MANUAL SCRAM 3-AUTOMATIC SCRAM 4-OTHER (EXPLAIN)</p>