AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE 6/1/77

COMPLETED BY W. E. Potts

TEL. NO. Ext. 114

MONTH May

DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)
1	-5	21	779
2	-5	22	780
3	-4	23	778
4	-4	24	776
5	-7	25	780
6	-11	26	781
7	-15	27	784
8	-22	28	776
9	-38	29	780
10	-34	30	788
11	-35	31	785
12	-39		
13	-41		
14	-41		
15	-41		
16	191		
17	296		
18	552		
19	575		
20	674		

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OPERATING DATA REPORT

DOCKET NO. 50-289
UNIT NAME TMI-1
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1. REPORTING PERIOD: 0001,770501 THROUGH 2400,770531
GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2535 MAX. DEPEND. CAPACITY(MWe-Net) 792
3. DESIGN ELECTRICAL RATING (MWe-net) 819
4. POWER LEVEL TO WHICH RESTRICTED (IF ANY): NA
5. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	433.3	2281.3	18133.1
6. REACTOR RESERVE SHUTDOWN HOURS	142.7	142.7	751.2
7. HOURS GENERATOR ON-LINE	381.5	2221.4	17729.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	855410	5,471,340	43,229,215
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	278,680	1,824,695	14,497,482
11. NET ELECTRICAL ENERGY GENERAGED (MWH)	252,786	1,703,911	13558871
12. REACTOR SERVICE FACTOR	58.2%	63.0%	75.3%
13. REACTOR AVAILABILITY FACTOR	77.4%	66.9%	78.4%
14. UNIT SERVICE FACTOR	51.3%	61.3%	73.7%
* 15. UNIT AVAILABILITY FACTOR	51.3%	61.3%	73.7%
16. UNIT CAPACITY FACTOR (USING MDC)	42.9%	59.4%	71.1%
17. UNIT CAPACITY FACTOR (USING DESIGN MWe-net)	41.5%	57.4%	68.8%
18. FORCED OUTAGE RATE	0	0	5.7%

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): None

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

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SUMMARY:

Plant heatup began on May 6, 1977 but was delayed at 200°F while snubber repair work was completed. The hot shutdown condition was achieved on May 9, 1977 but deboration to criticality was delayed first due to work on reactor coolant pumps and then due to work on OTSG LOCA restraints. Deboration to criticality began on May 13, 1977 and Cycle 3 initial criticality occurred at 2242 hrs., May 13, 1977, Zero Power Physics Testing was concluded at 1200 hrs., May 15, 1977. The turbine was put on-line on May 16, 1977 and power escalation began with tests being performed at 40, 75 and 100% FP. Full power operation was achieved at 2300 hrs., May 20, 1977.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-289

UNIT NAME TMI-1

DATE 6/1/77

COMPLETED BY W. E. Potts

TEL. NO. Ext. 114

REPORT MONTH May

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	COMMENTS
2	3/18/77	S	362.5	C	1	Refueling outage was extended approximately two weeks due to additional OTSG eddy current testing and hydraulic snubber repairs.

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION
F- ADMINSTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)
H- OTHER (EXPLAIN)

(2) METHOD:
1-MANUAL
2-MANUAL SCRAM
3-AUTOMATIC SCRAM
4-OTHER (EXPLAIN)

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