AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE 1/09/78

COMPLETED BY R. J. Stevens

TEL. NO. 215 929-3601, Ext. 156

MONTH December - 1977

DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)
1	799	21	802
2	799	22	804
3	797	23	804
4	804	24	802
5	804	25	798
6	803	26	805
7	804	27	804
8	804	28	797
9	805	29	795
10	803	30	799
11	797	31	803
12	796		
13	800		
14	802		
15	803		
16	804		
17	778		
18	803		
19	802		
20	805		

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OPERATING DATA REPORT

DOCKET NO. 50-289
UNIT NAME TMI-1
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1. REPORTING PERIOD: 0001,77,1201 THROUGH 2400, 77, 1231
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):
5. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	744	7206.5	23058.3
6. REACTOR RESERVE SHUTDOWN HOURS	0	230	838.5
7. HOURS GENERATOR ON-LINE	744	7089.1	22597.5
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1869005	17635690	55393565
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	631907	5821015	18493802
11. NET ELECTRICAL ENERGY GENERAGED (MWH)	595789	5463439	17318399
12. REACTOR SERVICE FACTOR	100%	82.3%	78.9%
13. REACTOR AVAILABILITY FACTOR	100%	84.9%	81.8%
14. UNIT SERVICE FACTOR	100%	80.9%	77.4%
15. UNIT AVAILABILITY FACTOR	100%	80.9%	77.4%
16. UNIT CAPACITY FACTOR (USING MDC)	101.1%	78.7%	74.9%
17. UNIT CAPACITY FACTOR (USING DESIGN MWe-net)	97.8%	76.2%	72.4%
18. FORCED OUTAGE RATE	0	3.7%	5.6%

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

March 4, 1978 Refueling - 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

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SUMMARY:

UNIT SHUTDOWNS AND POWER REDUCTIONS

The unit ran at essentially 100% power the entire month except on 12/3/77 when power was reduced to 86% as a result of a break in containment integrity and between 0200 and 0400 on 12/11/77 when power was reduced to 50% power for turbine stop valve testing.

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REPORT MONTH December - 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	COMMENTS

(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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