Met-Ed
8/5/77
GQL 1072
Enclosure

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE 8/5/77

COMPLETED BY W. E. Potts

TEL. NO. Ext. 114

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL(MWe-Net)
1	765	21	757
2	773	22	766
3	779	23	775
4	773	24	769
5	763	25	767
6	769	26	775
7	768	27	778
8	768	28	779
9	768	29	778
10	770	30	778
11	770	31	772
12	765		
13	763		
14	766		
15	768		
16	751		
17	750		
18	762		
19	763		
20	764		

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OPERATING DATA REPORT

DOCKET NO. 50-289
UNIT NAME TMI-1
DATE 8/05/77
COMPLETED BY W. E. Potts
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1. REPORTING PERIOD: 0001, 770701 THROUGH 2400, 770731
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 . . .	744	3,745.3	19,597.1
6. REACTOR RESERVE SHUTDOWN HOURS	0	142.7	751.2
7. HOURS GENERATOR ON-LINE	744	3,685.4	19,193.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH) . . .	1,870,222	9,152,769	46,910,644
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . .	605,294	3,025,563	15,698,350
11. NET ELECTRICAL ENERGY GENERAGED (MWH) . . .	571,447	2,836,707	14,691,667
12. REACTOR SERVICE FACTOR	100%	73.6%	77.7%
13. REACTOR AVAILABILITY FACTOR	100%	76.4%	79.7%
14. UNIT SERVICE FACTOR	100%	72.4%	75.2%
15. UNIT AVAILABILITY FACTOR	100%	72.4%	75.2%
16. UNIT CAPACITY FACTOR (USING MDC)	97.0%	70.4%	72.6%
17. UNIT CAPACITY FACTOR (USING DESIGN MWe-net)	93.8%	68.1%	70.2%
18. FORCED OUTAGE RATE	0	0	5.3%

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:

UNIT SHUTDOWNS AND POWER REDUCTIONS

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The unit operated at 100% power all month except for three brief occasions. On July 7 power was reduced briefly to 70% to reduce the load on the main transformer which was overheating. On July 17 power was reduced for two hours to 50% to preform turbine valve testing. On July 22 power was reduced for one hour to 90% to check condenser vacuum pressure.

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REPORT MONTH JULY 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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