

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

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

1589 069

7910810 685

OPERATING DATA REPORT

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

1589 070

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

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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
1589-071						

(1) REASON:

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

(2) METHOD:

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