

SUMMARY OF MONTHLY OPERATING EXPERIENCE

TMI Unit 2 returned to 90% power at 1317 on February 1. An EHC leak on throttle valve #4 was discovered at 0030 on February 2. Power was increased to 97% at 0515. At 0615, heater drain pump 1B was discovered to have a blown seal. Power was reduced to 70% to remove HD-P-1B from service and was returned to 90% within 2½ hours.

On February 6 at 1640, feedwater pump 1B tripped and the unit automatically ran back to 55% power. The feed pump was checked out with no apparent problems, restarted, returned to service, and power escalation to 90% commenced. At 2005 FW-P-1B tripped again and the unit automatically ran back to 55%. The feed pump was returned to service and power was increased to 83%. This power level was held to investigate FW-P-1B low suction trip pressure switches.

Power was returned to 90% at 1615 on February 7. Main Generation breakers were opened at 0420 on February 10 so the EHC leak on throttle valve #4 could be repaired. The reactor was maintained at 13% power during the turbine outage. Main breakers were closed at 1643 and power escalation to 90% commenced. The unit achieved 90% power at 0430 on February 11.

Heater drain pump 1A was returned to service February 26 and power was increased to 97%.

Power was reduced to 90% at 1700 on February 27 to repair the level controller for the heater drain tank. Power was returned to 98% within 2 hours.

Presently the unit is operating at 98% power.

10-002

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AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-320
 Unit Unit 2
 Date 3/9/79
 Completed By R. A. Lengel
 Telephone (215) 921-6581

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>734</u>	17	<u>811</u>
2	<u>832</u>	18	<u>802</u>
3	<u>849</u>	19	<u>816</u>
4	<u>845</u>	20	<u>829</u>
5	<u>846</u>	21	<u>828</u>
6	<u>787</u>	22	<u>830</u>
7	<u>767</u>	23	<u>828</u>
8	<u>805</u>	24	<u>829</u>
9	<u>799</u>	25	<u>828</u>
10	<u>149</u>	26	<u>837</u>
11	<u>784</u>	27	<u>895</u>
12	<u>821</u>	28	<u>894</u>
13	<u>819</u>	29	<u></u>
14	<u>814</u>	30	<u></u>
15	<u>821</u>	31	<u></u>
16	<u>819</u>		

OPERATING DATA REPORT

Docket No. 50-320

Date 3/9/79

Completed By R. A. Lengei

Telephone (215) 921-6581

OPERATING STATUS

1. Unit Name: Three Mile Island Unit 2
2. Reporting Period: February 1979
3. Licensed Thermal Power (Mwt): 2772
4. Nameplate Rating (Gross MWe): 961
5. Design Electrical Rating (Net MWe): 906
6. Max. Dependable Capacity (Gross MWe): 930
7. Max. Dependable Capacity (Net MWe): 880
8. If Changes Occur in Capacity Ratings (Items No. 3 through 7) Since Last Report, Give Reasons:

9. Power Level to which Restricted. If Any (Net MWe): _____
10. Reasons for Restrictions, If Any: _____

11. Hours in Reporting Period	<u>672</u>	<u>1416</u>	<u>1441</u>
12. No. of Hours Reactor was Critical	<u>672.0</u>	<u>1008.6</u>	<u>1233.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>407.4</u>	<u>407.4</u>
14. Hours Generator On-Line	<u>658.8</u>	<u>978.6</u>	<u>1003.6</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWE)	<u>1654550</u>	<u>2385048</u>	<u>2441592</u>
17. Gross Elect. Energy Generated (MWH)	<u>565176</u>	<u>816838</u>	<u>836637</u>
18. Net Electrical Energy Generated (MWH)	<u>535609</u>	<u>767578</u>	<u>786294</u>
19. Unit Service Factor	<u>98.0</u>	<u>69.1</u>	<u>69.7</u>
20. Unit Availability Factor	<u>98.0</u>	<u>69.1</u>	<u>69.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.6</u>	<u>61.6</u>	<u>62.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.0</u>	<u>59.8</u>	<u>60.2</u>
23. Unit Forced Outage Rate	<u>2.0</u>	<u>31.4</u>	<u>30.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down at End of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>3/9/78</u>	<u>3/28/78</u>
INITIAL ELECTRICITY	<u>3/15/78</u>	<u>4/21/78</u>
COMMERCIAL OPERATION	<u>12/10/78</u>	<u>12/30/78</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

Docket No. 50-320
 Unit Name TMI-2
 Date 3/9/79
 Completed By R. A. Lenzel
 Telephone (215) 921-6581

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ⁵	Licensee Event Report Number	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
4	2/10/79	S	13.2	A	1				Repair Turbine EHC Leaks

1¹ Forced
 S: Scheduled

2² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & Licensee Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4⁴ Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5⁵ Exhibit 1 - Same Source

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