

# AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-289  
 Unit TMI-1  
 Date 2-1-78  
 Completed By R. J. Stevens  
 Telephone 929-3601

MONTH January

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>805</u>
2	<u>802</u>
3	<u>804</u>
4	<u>804</u>
5	<u>801</u>
6	<u>801</u>
7	<u>738</u>
8	<u>759</u>
9	<u>801</u>
10	<u>802</u>
11	<u>799</u>
12	<u>795</u>
13	<u>797</u>
14	<u>805</u>
15	<u>805</u>
16	<u>799</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>797</u>
18	<u>801</u>
19	<u>804</u>
20	<u>803</u>
21	<u>802</u>
22	<u>799</u>
23	<u>797</u>
24	<u>794</u>
25	<u>799</u>
26	<u>799</u>
27	<u>802</u>
28	<u>591</u>
29	<u>799</u>
30	<u>795</u>
31	<u>789</u>

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# ERATING DATA REPORT

I ket No. 50-289

Date 2-1-78

Completed By R. J. Stevens

Telephone 929-3601

## OPERATING STATUS

1. Unit Name: Three Mile Island Unit 1
2. Reporting Period: January 1978
3. Licensed Thermal Power (MWt): 2535
4. Nameplate Rating (Gross MWe): 871
5. Design Electrical Rating (Net MWe): 819
6. Max. Dependable Capacity (Gross MWe): 840
7. Max. Dependable Capacity (Net MWe): 792
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: \_\_\_\_\_

	This Month	Year-To-Date	Cumulative
11. Hours in Reporting Period	744	744	29,953
12. No. of Hours Reactor was Critical	744	744	23,802.3
13. Reactor Reserve Shutdown Hours	0	0	838.5
14. Hours Generator On-Line	744	744	23,341.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1851361	1851361	57,244,926
17. Gross Elect. Energy Generated (MWH)	623983	623983	19,117,785
18. Net Electrical Energy Generated (MWH)	587704	587704	17,906,103
19. Unit Service Factor	100%	100%	77.9%
20. Unit Availability Factor	100%	100%	77.9%
21. Unit Capacity Factor (Using MDC Net)	99.7%	99.7%	75.5%
22. Unit Capacity Factor (Using DER Net)	96.4%	96.4%	73.0%
23. Unit Forced Outage Rate	0	0	5.4%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Refueling 3-4-78 6 weeks		

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  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARYDocket No. 50-289Unit Name TMI-1Date 2-1-78Completed By R. J. StevensTelephone 929-3601

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report Number	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
1	1-28-78	S	0	H	4				Decreased power to 50% to maneuver control rods to an all rods out configuration for the rest of the cycle.

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>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)

<sup>3</sup>Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NUREG-0161)

<sup>5</sup>Exhibit 1 - Same Source

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