

OPERATING DATA REPORT

DOCKET NO. 050-298
 DATE February 4, 1983
 COMPLETED BY P. L. Ballinger
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: January 1983
3. Licensed Thermal Power (MWt): 2381
4. Nameplate Rating (Gross MWe): 836
5. Design Electrical Rating (Net MWe): 778
6. Maximum Dependable Capacity (Gross MWe): 787
7. Maximum Dependable Capacity (Net MWe): 764
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	75,289.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	62,114.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	61,116.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,687,464.0	1,687,464.0	121,748,766.0
17. Gross Electrical Energy Generated (MWH)	565,921.0	565,921.0	38,498,149.0
18. Net Electrical Energy Generated (MWH)	547,541.0	547,541.0	37,121,001.0
19. Unit Service Factor	100.0	100.0	81.2
20. Unit Availability Factor	100.0	100.0	81.2
21. Unit Capacity Factor (Using MDC Net)	96.3	96.3	64.5
22. Unit Capacity Factor (Using DER Net)	94.6	94.6	63.4
23. Unit Forced Outage Rate	0.0	0.0	3.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, May 1, 1983, 4 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
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INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298

UNIT Cooper Nuclear Station

DATE February 4, 1983

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MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>447</u>	17	<u>753</u>
2	<u>585</u>	18	<u>776</u>
3	<u>689</u>	19	<u>776</u>
4	<u>765</u>	20	<u>776</u>
5	<u>755</u>	21	<u>773</u>
6	<u>757</u>	22	<u>771</u>
7	<u>757</u>	23	<u>725</u>
8	<u>741</u>	24	<u>772</u>
9	<u>634</u>	25	<u>771</u>
10	<u>767</u>	26	<u>770</u>
11	<u>775</u>	27	<u>770</u>
12	<u>776</u>	28	<u>771</u>
13	<u>774</u>	29	<u>771</u>
14	<u>773</u>	30	<u>711</u>
15	<u>771</u>	31	<u>770</u>
16	<u>663</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH January

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83-1	830101	S	0	H	0	N/A	N/A	N/A	Reduced power to exchange control rod sequences and perform turbine testing.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

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

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NURIG-0161)

⁵
 Exhibit I - Same Source

OPERATIONS NARRATIVE
Cooper Nuclear Station
January 1983

The plant operated the month of January with only one power reduction to exchange control rod sequences and perform turbine testing. The plant operated the remainder of the month without power reductions and shutdowns and attained a capacity factor of 94.6% for the month.