

# OPERATING DATA REPORT

DOCKET NO. 050-0298  
 DATE February 2, 1981  
 COMPLETED BY Paul Ballinger  
 TELEPHONE 402-825-3811

## OPERATING STATUS

1. Unit Name: Cooper Nuclear Station  
 2. Reporting Period: January 1981  
 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:  
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): Temporary Turbine Modifications  
 10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	57,769.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	48,333.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	47,461.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,678,872.0	1,678,872.0	91,460,982.0
17. Gross Electrical Energy Generated (MWH)	464,388.0	464,388.0	28,941,402.0
18. Net Electrical Energy Generated (MWH)	449,270.0	449,270.0	27,895,600.0
19. Unit Service Factor	100.0	100.0	82.2
20. Unit Availability Factor	100.0	100.0	82.2
21. Unit Capacity Factor (Using MDC Net)	79.0	79.0	63.2
22. Unit Capacity Factor (Using DER Net)	77.6	77.6	62.1
23. Unit Forced Outage Rate	0.0	0.0	4.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling and Maintenance Outage, April 26, 1981, 30 days

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	_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298

UNIT Cooper Nuclear Station

DATE February 2, 1981

COMPLETED BY Paul Ballinger

TELEPHONE 402-825-3811

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>617</u>	17	<u>353</u>
2	<u>618</u>	18	<u>501</u>
3	<u>619</u>	19	<u>525</u>
4	<u>639</u>	20	<u>584</u>
5	<u>639</u>	21	<u>630</u>
6	<u>641</u>	22	<u>625</u>
7	<u>640</u>	23	<u>630</u>
8	<u>638</u>	24	<u>615</u>
9	<u>637</u>	25	<u>464</u>
10	<u>634</u>	26	<u>592</u>
11	<u>605</u>	27	<u>634</u>
12	<u>637</u>	28	<u>636</u>
13	<u>634</u>	29	<u>637</u>
14	<u>637</u>	30	<u>635</u>
15	<u>637</u>	31	<u>556</u>
16	<u>629</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

REPORT MONTH January

DOCKET NO. 050-0298  
 UNIT NAME Cooper Nuclear Station  
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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-1	810117	S	0	H	N/A	N/A	N/A	N/A	Reduced power to exchange control rod patterns.
81-2	810125	S	0	H	N/A	N/A	N/A	N/A	Reduced power to adjust the control rod pattern.

<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 & License 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 I - Same Source

OPERATIONS NARRATIVE  
January 1981

The unit operated the month of January with a scheduled power reduction to exchange the control rod patterns on the 17th and another scheduled power reduction to adjust the control rod pattern on the 25th.