

# OPERATING DATA REPORT

DOCKET NO. 050-298  
DATE 1-5-83  
COMPLETED BY P. L. Ballinger  
TELEPHONE 402-825-3811

## OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: December 1982
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	8,760.0	74,545.0
12. Number Of Hours Reactor Was Critical	744.0	7,484.5	61,370.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	7,414.5	60,372.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,739,928.0	16,372,824.0	120,061,302.0
17. Gross Electrical Energy Generated (MWH)	584,492.0	5,451,441.0	37,932,228.0
18. Net Electrical Energy Generated (MWH)	565,750.0	5,276,082.0	36,573,460.0
19. Unit Service Factor	100.0	84.6	81.0
20. Unit Availability Factor	100.0	84.6	81.0
21. Unit Capacity Factor (Using MDC Net)	99.5	78.8	64.2
22. Unit Capacity Factor (Using DER Net)	97.7	77.4	63.1
23. Unit Forced Outage Rate	0.0	2.7	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):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-298  
UNIT NAME Cooper Nuclear Station  
DATE January 5, 1983  
COMPLETED BY P. L. Ballinger  
TELEPHONE 402-825-3811

REPORT MONTH December

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
(NONE DURING REPORTING PERIOD.)									

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

<sup>2</sup>  
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)

<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 (NURIG-  
0161)

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298  
 UNIT Cooper Nuclear Station  
 DATE January 5, 1983  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>773</u>	17	<u>772</u>
2	<u>778</u>	18	<u>772</u>
3	<u>776</u>	19	<u>771</u>
4	<u>776</u>	20	<u>773</u>
5	<u>737</u>	21	<u>773</u>
6	<u>776</u>	22	<u>773</u>
7	<u>775</u>	23	<u>774</u>
8	<u>774</u>	24	<u>708</u>
9	<u>773</u>	25	<u>678</u>
10	<u>774</u>	26	<u>649</u>
11	<u>773</u>	27	<u>705</u>
12	<u>756</u>	28	<u>774</u>
13	<u>776</u>	29	<u>773</u>
14	<u>777</u>	30	<u>774</u>
15	<u>776</u>	31	<u>773</u>
16	<u>771</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.

OPERATIONS NARRATIVE  
COOPER NUCLEAR STATION  
December 1982

The plant operated the month of December with no shutdowns or power reductions. A capacity factor of 97.7% was achieved for the month.