

# OPERATING DATA REPORT

DOCKET NO. 50-298  
 DATE 6-5-84  
 COMPLETED BY J.K. Salisbury  
 TELEPHONE 402-825-3811

## OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: May, 1984
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	3,647.0	86,952.0
12. Number Of Hours Reactor Was Critical	744.0	3,424.0	70,427.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3,382.8	69,301.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,125,384.0	6,297,231.0	136,810,389.0
17. Gross Electrical Energy Generated (MWH)	364,510.0	2,103,381.0	43,509,736.0
18. Net Electrical Energy Generated (MWH)	348,876.0	2,014,430.0	41,931,089.0
19. Unit Service Factor	100.0	92.8	79.7
20. Unit Availability Factor	100.0	92.8	79.7
21. Unit Capacity Factor (Using MDC Net)	61.4	72.3	63.1
22. Unit Capacity Factor (Using DER Net)	60.3	71.0	62.0
23. Unit Forced Outage Rate	0.0	2.4	3.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
1984 Refueling and Maintenance, September 24, 1984, 7 months			

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		

8407020146 840531  
 PDR ADOCK 05000298  
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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-298

UNIT CNS

DATE 6-5-84

COMPLETED BY J.K. Salisbury

TELEPHONE 402-825-3811

MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>487</u>
2	<u>490</u>
3	<u>489</u>
4	<u>487</u>
5	<u>491</u>
6	<u>374</u>
7	<u>489</u>
8	<u>516</u>
9	<u>484</u>
10	<u>482</u>
11	<u>482</u>
12	<u>484</u>
13	<u>377</u>
14	<u>483</u>
15	<u>484</u>
16	<u>482</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>486</u>
18	<u>481</u>
19	<u>485</u>
20	<u>382</u>
21	<u>487</u>
22	<u>480</u>
23	<u>485</u>
24	<u>486</u>
25	<u>486</u>
26	<u>487</u>
27	<u>386</u>
28	<u>382</u>
29	<u>484</u>
30	<u>485</u>
31	<u>473</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 May, 1984

DOCKET NO. 50-298  
UNIT NAME CNS  
DATE 6-5-84  
COMPLETED BY J.K. Salisbury  
TELEPHONE 402-825-3811

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 or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

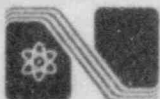
<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<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  
Cooper Nuclear Station  
May, 1984

The plant operated the month of May with no scheduled or unscheduled shutdowns or power changes. A capacity factor of 61.4% was achieved for the month of May.



## Nebraska Public Power District

COOPER NUCLEAR STATION  
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321  
TELEPHONE (402) 825-3811

CNSS840243

June 6, 1984

Director, Office of Management Information  
and Program Control  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Monthly Operation Status Report for May 1984  
Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for May 1984. The report includes Operating Status, Average Daily Unit Power Level, Unit Shutdown data, and a Narrative Summary of Operating Experience.

Should you have any comments or require additional information regarding this report, please contact me.

Sincerely,

P. V. Thomason  
Division Manager of  
Nuclear Operations

PVT:lb

Enclosure

cc: G. D. Watson w/enc.  
A. C. Gehr w/enc.  
J. T. Collins w/enc.

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