

OPERATING DATA REPORT

DOCKET NO. 050-0298  
 DATE 1-8-88  
 COMPLETED BY J. T. Scheuerman  
 TELEPHONE (402)825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: December 1987
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	118,369.0
12. Number Of Hours Reactor Was Critical	744.0	8,424.2	90,007.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	8,292.4	88,544.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,644,816.0	17,163,363.5	174,630,707.5
17. Gross Electrical Energy Generated (MWH)	548,018.0	5,714,073.0	56,059,081.0
18. Net Electrical Energy Generated (MWH)	530,214.0	5,522,126.0	54,028,624.0
19. Unit Service Factor	100.0	94.7	74.8
20. Unit Availability Factor	100.0	94.7	74.8
21. Unit Capacity Factor (Using MDC Net)	93.3	82.5	59.7
22. Unit Capacity Factor (Using DER Net)	91.6	81.0	58.7
23. Unit Forced Outage Rate	0.0	3.9	4.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
1988 Refueling and Maintenance Outage starting February 27, 1988, with an approximate duration of eight 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 | _____    | _____    |

*122411 (1/77)*

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 050-0298  
 UNIT CNS  
 DATE 1-8-88  
 COMPLETED BY J. T. Scheuerman  
 TELEPHONE (402)825-3811

MONTH December 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>755</u>	17	<u>727</u>
2	<u>721</u>	18	<u>729</u>
3	<u>720</u>	19	<u>727</u>
4	<u>724</u>	20	<u>651</u>
5	<u>725</u>	21	<u>730</u>
6	<u>638</u>	22	<u>721</u>
7	<u>748</u>	23	<u>713</u>
8	<u>727</u>	24	<u>722</u>
9	<u>733</u>	25	<u>651</u>
10	<u>729</u>	26	<u>651</u>
11	<u>731</u>	27	<u>631</u>
12	<u>731</u>	28	<u>745</u>
13	<u>654</u>	29	<u>726</u>
14	<u>734</u>	30	<u>723</u>
15	<u>730</u>	31	<u>716</u>
16	<u>732</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 December 1987

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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
None during this 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 (NUREG-0161)

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

Operations Narrative  
Cooper Nuclear Station  
December 1987

The plant operated the month of December in a normal load following mode. There were no scheduled or unscheduled shutdowns and no unscheduled power reductions. A capacity factor of 93.3% was achieved for the month of December.



## Nebraska Public Power District

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

CS888015

January 8, 1988

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Monthly Operation Status Report for December, 1987  
Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for December, 1987. 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,

A handwritten signature in cursive script, appearing to read "G. R. Horn".

G. R. Horn  
Division Manager of  
Nuclear Operations

GRH/JTS:drf

Enclosure

cc: G. D. Watson w/enc.  
R. D. Martin w/enc.

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