

OPERATING DATA REPORT

DOCKET NO. 050-0293  
 DATE 10-07-88  
 COMPLETED BY J. T. Scheuerman  
 TELEPHONE (402) 825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: September 1988
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	<u>720.0</u>	<u>6,575.0</u>	<u>124,944.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>3,758.9</u>	<u>93,766.3</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>3,681.2</u>	<u>92,225.6</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,657,416.0</u>	<u>7,908,768.0</u>	<u>182,539,475.5</u>
17. Gross Electrical Energy Generated (MWH)	<u>550,807.0</u>	<u>2,594,625.0</u>	<u>58,653,706.0</u>
18. Net Electrical Energy Generated (MWH)	<u>535,003.0</u>	<u>2,515,769.0</u>	<u>56,544,393.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>56.0</u>	<u>73.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>56.0</u>	<u>73.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.3</u>	<u>50.1</u>	<u>59.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.5</u>	<u>49.2</u>	<u>58.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>9.0</u>	<u>4.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 CNS

DATE 10-07-88

COMPLETED BY J. T. Scheuerman

TELEPHONE (402) 825-3811

MONTH September 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>738</u>	17	<u>766</u>
2	<u>739</u>	18	<u>762</u>
3	<u>724</u>	19	<u>764</u>
4	<u>587</u>	20	<u>767</u>
5	<u>603</u>	21	<u>764</u>
6	<u>662</u>	22	<u>765</u>
7	<u>757</u>	23	<u>757</u>
8	<u>769</u>	24	<u>769</u>
9	<u>768</u>	25	<u>762</u>
10	<u>768</u>	26	<u>769</u>
11	<u>764</u>	27	<u>768</u>
12	<u>756</u>	28	<u>761</u>
13	<u>735</u>	29	<u>767</u>
14	<u>684</u>	30	<u>768</u>
15	<u>765</u>	31	<u>---</u>
16	<u>765</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

DOCKET NO. 050-0298  
 UNIT NAME CNS  
 DATE 10-07-88  
 COMPLETED BY J. T. Scheuerman  
 TELEPHONE (402) 825-3811

REPORT MONTH September 1988

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)

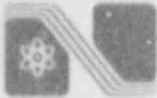
<sup>5</sup>  
 Exhibit I - Same Source

OPERATIONS NARRATIVE

Cooper Nuclear Station

September 1988

The plant operated through the month of September with no scheduled or unscheduled shutdowns, or unscheduled power reductions in excess of 20%. A capacity factor of 97.3% was achieved for the month.



Nebraska Public Power District

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

CNSS888244

October 7, 1988

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

Subject: Monthly Operation Status Report for September 1988  
Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for September 1988. 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,

G. R. Horn  
Division Manager of  
Nuclear Operations

GRH/JTS:nd  
Enclosure

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

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