



Nebraska Public Power District

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

CNSS923076

September 4, 1992

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

Subject: Monthly Operating Status Report for August 1992, Docket No. 50-298.

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for August 1992. 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,

R. L. Gardner
Plant Manager

RLG:SCW:ju

Enclosures

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

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OPERATING DATA REPORT

DOCKET NO. 050-0298
 UNIT CNS
 DATE September 4, 1992
 TELEPHONE (402) 825-5487

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes
2. Reporting Period: August 1992
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:

9. Power Level To Which Restricted, If Any (Net MWe): ≈ 700 MWe Net
10. Reasons For Restriction, If Any: Restriction is based on a temporary MAPRAT limit of 0.81 imposed due to revised DBA LC/CA analysis.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>744.0</u>	<u>5,855.0</u>	<u>159,288.0</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>5,621.1</u>	<u>122,121.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5,600.1</u>	<u>120,372.6</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>1,523,040.0</u>	<u>12,845,616.0</u>	<u>246,401,668.0</u>
17. Gross Electric Energy Generated (MWH)	<u>498,559.0</u>	<u>4,271,192.0</u>	<u>79,841,344.0</u>
18. Net Electric Energy Generated (MWH)	<u>484,005.0</u>	<u>4,142,991.0</u>	<u>77,073,378.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.6</u>	<u>75.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>95.6</u>	<u>75.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>85.1</u>	<u>92.6</u>	<u>63.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.6</u>	<u>91.0</u>	<u>62.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.3</u>	<u>4.4</u>
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

A planned outage of approximately five days is scheduled for September to implement a design change to alleviate the 0.81 MAPRAT restriction.

25. If Shut Down At End of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

Achieved	Forecast
INITIAL CRITICALITY	_____
INITIAL ELECTRICITY	_____
COMMERCIAL OPERATION	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298
 UNIT CNS
 DATE September 4, 1992
 TELEPHONE (402) 825-5487

MONTH August 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>434</u>	17	<u>685</u>
2	<u>469</u>	18	<u>685</u>
3	<u>507</u>	19	<u>683</u>
4	<u>509</u>	20	<u>683</u>
5	<u>603</u>	21	<u>681</u>
6	<u>650</u>	22	<u>680</u>
7	<u>673</u>	23	<u>679</u>
8	<u>679</u>	24	<u>681</u>
9	<u>673</u>	25	<u>680</u>
10	<u>671</u>	26	<u>682</u>
11	<u>669</u>	27	<u>684</u>
12	<u>671</u>	28	<u>685</u>
13	<u>675</u>	29	<u>685</u>
14	<u>681</u>	30	<u>682</u>
15	<u>683</u>	31	<u>685</u>
16	<u>683</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 Cooper Nuclear Station
 DATE September 4, 1992
 COMPLETED BY S. C. Wheeler
 TELEPHONE (402)825-5770

REPORT MONTH August 1992

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method Of Shutting Down Reactor ³	Licensee Event Report	System ⁴ Code	Component ⁵ Code	Cause & Corrective Action to Prevent Recurrence
92-4	7/31/92	F	0	H	N/A	92-013			Reference LER 92-013

1 F: Forced
S: Scheduled

2 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)

3 Method:
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continued
 5 - Reduced Load
 6 - Other

4 Exhibit G - Instructions for
Preparation of Data Entry
Sheet for Licensee Event
Report (LER) File (NUREG-0161)
 5 Exhibit I - Same Source

OPERATIONS NARRATIVE
COOPER NUCLEAR STATION
AUGUST 1992

REDUCED POWER OPERATION WAS EXPERIENCED FOR THE ENTIRE MONTH OF AUGUST. POWER WAS REDUCED JULY 30-31 DUE TO A DERATE BECAUSE OF A LOCA ANALYSIS ERROR. REFERENCE LER 92-013 FOR A DISCUSSION OF THE ANALYSIS ERROR. A CAPACITY FACTOR OF 85.1% WAS ACHIEVED FOR THE MONTH.