



Nebraska Public Power District

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

CNSS923090

October 5, 1992

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

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

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for September 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:ROP:jlu

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 October 5, 1992
 TELEPHONE (402) 825-5770

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 (9/1/92 through 9/1, 92)
10. Reasons For Restriction, If Any: Re striction is based on a temporary MAPRAT limit of 0.81 imposed due to revised DBA L2CA analysis.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>720.0</u>	<u>6,575.0</u>	<u>160,008.0</u>
12. Number of Hours Reactor Was Critical	<u>636.6</u>	<u>6,257.7</u>	<u>122,758.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>627.3</u>	<u>6,227.4</u>	<u>120,999.9</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>1,334,160.0</u>	<u>14,179,776.0</u>	<u>247,735,828.0</u>
17. Gross Electric Energy Generated (MWH)	<u>442,083.0</u>	<u>4,713,275.0</u>	<u>60,283,427.0</u>
18. Net Electric Energy Generated (MWH)	<u>428,285.0</u>	<u>4,571,275.0</u>	<u>77,501,663.0</u>
19. Unit Service Factor	<u>87.1</u>	<u>94.7</u>	<u>75.6</u>
20. Unit Availability Factor	<u>87.1</u>	<u>94.7</u>	<u>75.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>77.9</u>	<u>91.0</u>	<u>63.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.5</u>	<u>89.4</u>	<u>62.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.1</u>	<u>4.4</u>
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

A planned refueling/maintenance outage of approximately 56 days is scheduled for March 7, 1992.

25. If Shut Down At End of Report Period, Estimated Date of Start-up: N/A
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 October 5, 1992
 TELEPHONE (402) 825-5770

MONTH September 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	693	17	641
2	685	18	679
3	687	19	701
4	686	20	588
5	684	21	701
6	681	22	767
7	684	23	768
8	683	24	768
9	634	25	767
10	686	26	767
11	355	27	742
12	0	28	769
13	0	29	770
14	0	30	769
15	37	31	
16	415		

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 October 5, 1992
 COMPLETED BY R. O. Peterson
 TELEPHONE (402)825-5770

REPORT MONTH September 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
92-5	9/11/92	S	92.7	B	2	N/A			Design Change implemented to address LER 92-013 concern.

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 - Operation 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 Sheets for Licensee Event Report (LER) File (NUREG-0161)
 5 Exhibit I - Same Source

OPERATIONS NARRATIVE
COOPER NUCLEAR STATION
SEPTEMBER 1992

REDUCED POWER OPERATION WAS EXPERIENCED FOR THE PERIOD OF SEPTEMBER 1 THROUGH SEPTEMBER 11. 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. THE REACTOR WAS SHUTDOWN ON SEPTEMBER 11 THROUGH SEPTEMBER 15 TO IMPLEMENT A DESIGN CHANGE TO ADDRESS THE CONCERNS OF LER 92-013. A CAPACITY FACTOR OF 77.9% WAS ACHIEVED FOR THE MONTH.