



Nebraska Public Power District

COOPER NUCLEAR STATION
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CNSS938613

April 6, 1993

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

Subject: Monthly Operating Status Report for March, Doclet No. 50-298.

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for March 1993. 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:EAK:dls

Enclosures

cc: G. D. Watson w/enclosures
J. L. Milhoan w/enclosures

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OPERATING DATA REPORT

DOCKET NO. 050-0298
 UNIT CNS
 DATE April 6, 1993
 TELEPHONE (402) 825-5766

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes
2. Reporting Period: March 1993
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): _____
10. Reasons For Restriction, if Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>744.0</u>	<u>2,160.0</u>	<u>164,377.0</u>
12. Number of Hours Reactor Was Critical	<u>110.0</u>	<u>1,526.0</u>	<u>126,493.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>110.0</u>	<u>1,526.0</u>	<u>124,734.9</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>213,216.0</u>	<u>3,405,552.0</u>	<u>256,249,516.0</u>
17. Gross Electric Energy Generated (MWH)	<u>71,169.0</u>	<u>1,134,134.0</u>	<u>83,125,116.0</u>
18. Net Electric Energy Generated (MWH)	<u>68,636.0</u>	<u>1,096,791.0</u>	<u>80,255,107.0</u>
19. Unit Service Factor	<u>14.8</u>	<u>70.6</u>	<u>72.9</u>
20. Unit Availability Factor	<u>14.8</u>	<u>70.6</u>	<u>75.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>12.1</u>	<u>66.5</u>	<u>63.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>11.9</u>	<u>65.3</u>	<u>62.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.3</u>
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): _____ _____			

25. If Shut Down At End of Report Period, Estimated Date of Startup: May 2, 1993
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 April 6, 1993
 TELEPHONE (402) 825-5766

MONTH March 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>661</u>	17	<u>0</u>
2	<u>662</u>	18	<u>0</u>
3	<u>657</u>	19	<u>0</u>
4	<u>652</u>	20	<u>0</u>
5	<u>227</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</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	April 6, 1993
COMPLETED BY	E. A. Kernes
TELEPHONE	(402) 825-5766

REPORT MONTH March 1993

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
93-1	4-5-93	S	634	C	?	N/A	N/A	N/A	EOC15 Refueling Outage

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

**OPERATIONS NARRATIVE
COOPER NUCLEAR STATION**

March 1993

The End-Of-Cycle (EOC) 15 fuel coastdown continued through March 4, with the plant operating at full available power.

On March 5 the plant began the EOC 15 Refueling Outage, with the outage continuing for the remainder of the month.

Cooper Station achieved a 12.1% capacity factor for the month of March.