



Nebraska Public Power District

COOPER NUCLEAR STATION
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CNSS948587

April 8, 1994

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

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

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for March 1994. 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:JRD:dls

Enclosures

cc: G. D. Watson
L. J. Callan

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OPERATING DATA REPORT

DOCKET NO. 050-0298
 UNIT CNS
 DATE April 8, 1994
 TELEPHONE (402) 825-5396

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes _____
2. Reporting Period: March 1994
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>173,137.0</u>
12. Number of Hours Reactor Was Critical	<u>343.4</u>	<u>1,759.4</u>	<u>131,873.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>300.0</u>	<u>1,716.0</u>	<u>129,962.3</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>541,152.0</u>	<u>3,849,168.0</u>	<u>268,207,060.0</u>
17. Gross Electric Energy Generated (MWH)	<u>173,806.0</u>	<u>1,276,995.0</u>	<u>87,098,893.0</u>
18. Net Electric Energy Generated (MWH)	<u>167,887.0</u>	<u>1,237,289.0</u>	<u>84,108,467.0</u>
19. Unit Service Factor	<u>40.3</u>	<u>79.4</u>	<u>75.1</u>
20. Unit Availability Factor	<u>40.3</u>	<u>79.4</u>	<u>75.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>29.5</u>	<u>75.0</u>	<u>63.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>29.0</u>	<u>73.6</u>	<u>62.4</u>
23. Unit Forced Outage Rate	<u>59.7</u>	<u>20.6</u>	<u>4.5</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: _____
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 8, 1994
 TELEPHONE (402) 825-5396

MONTH March 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>742</u>	17	<u>0</u>
2	<u>551</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</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>62</u>
9	<u>0</u>	25	<u>526</u>
10	<u>0</u>	26	<u>709</u>
11	<u>0</u>	27	<u>759</u>
12	<u>0</u>	28	<u>771</u>
13	<u>93</u>	29	<u>770</u>
14	<u>179</u>	30	<u>769</u>
15	<u>144</u>	31	<u>769</u>
16	<u>152</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 8, 1994
 COMPLETED BY J. R. Dedic
 TELEPHONE (402) 825-5396

REPORT MONTH March 1994

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
94-3	3/2/94	F	256.5	A	3	94-004	JJ	RJX	Partial closure of turbine governor valves due to turbine control system malfunction resulting in a reactor high flux and subsequent automatic scram. Replaced failed power supplies.
94-4	3/16/94	F	187.5	A	2	N/A	N/A	N/A	Valve RHR-MO-27A failed surveillance testing. Repaired RHR-MO-27A.

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 1994

Cooper Station operated at 100 percent for the month of March with the following exceptions:

1. March 1 - Derate to perform RPS surveillance testing.
2. March 2-16 - Automatic scram due to high neutron flux caused by partial closure of turbine governor valves resulting from turbine control system malfunction.
3. March 17-27 - Manual scram to repair valve RHR-MO-27A.

A unit capacity factor of 29.5 percent (MDC Net) was attained for the month of March.