Nebraska Public Power District

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

CNSS918541

February 1, 1991

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

Subject: Monthly Operating Status Report for January 1991, Docket No. 50-298.

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for January 1991. 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,

J. M. Meacham
Division Manager of
Nuclear Operations

JMM:JET:kap

Enclosures

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

IE29
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OPERATING DATA REPORT

DOCKET NO. 050-0298
UNIT CNS
DATE Feb. 1, 1991
TELEPHONE (402) 825-5291

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes
2. Reporting Period: January 1991
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	744.0	744.0	145,417.0
12.	Number of Hours Reactor Was Critical	744.0	744.0	110,345.5
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	744.0	108,685.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,751,976.0	1,751,976.0	220,344,100.0
17.	Gross Electric Energy Generated (MWH)	588,015.0	588,015.0	71,197,425.0
18.	Net Electric Energy Generated (MWH)	568,899.0	568,899.0	68,695,479.0
19.	Unit Service Factor	100.0	100.0	74.7
20.	Unit Availability Factor	100.0	100.0	74.7
21.	Unit Capacity Factor (Using MDC Net)	100.1	100.1	61.8
22.	Unit Capacity Factor (Using DER Net)	98.3	98.3	60.7
23.	Unit Forced Outage Rate	0.0	0.0	4.7

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

None

25. If Shut Down At End of Report Period, Estimated Date of Startup: 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 February 1, 1991
TELEPHONE (402) 825-5291

MONTH January 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	771	17	773
2	769	18	773
3	769	19	773
4	770	20	767
5	770	21	771
6	767	22	772
7	770	23	773
8	768	24	771
9	770	25	770
10	771	26	763
11	772	27	635
12	772	28	739
13	765	29	765
14	773	30	769
15	773	31	770
16	772		

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 February 1, 1991
COMPLETED BY J.E. Thompson
TELEPHONE (402)825-5291

REPORT MONTH January 1991

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
None									

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
JANUARY 1991

NORMAL POWER OPERATION WAS EXPERIENCED DURING THE MONTH OF JANUARY. A CAPACITY FACTOR OF 100.1% WAS ACHIEVED FOR THE MONTH.