Nebraska Public Power District

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

CNSS928591

March 10, 1992

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

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

Gentlemen:

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

J. M. Meacham
Division Manager of
Nuclear Operations

JMM:JTC:kap

Enclosures

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

IE24
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OPERATING DATA REPORT

DOCKET NO. 050-0298
UNIT CNS
DATE March 10, 1992
TELEPHONE (402) 825-5766

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes
2. Reporting Period: February 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):
10. Reasons For Restriction, If Any:

		This Month	Yr.-to-Date	Cumulative
11.	Hours in Reporting Period	696.0	1,440.0	154,873.0
12.	Number of Hours Reactor Was Critical	576.7	1,320.7	117,821.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	565.0	1,309.0	116,081.5
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,280,256.0	3,041,544.0	236,586,820.0
17.	Gross Electric Energy Generated (MWH)	426,823.0	1,018,966.0	76,589,118.0
18.	Net Electric Energy Generated (MWH)	414,200.0	987,589.0	73,917,976.0
19.	Unit Service Factor	81.2	90.9	75.0
20.	Unit Availability Factor	81.2	90.9	75.0
21.	Unit Capacity Factor (Using MDC Net)	77.9	89.8	62.5
22.	Unit Capacity Factor (Using DER Net)	76.5	88.2	61.3
23.	Unit Forced Outage Rate	18.8	9.1	4.6

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

Battery replacement shutdown - April 17, Duration 7 days

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 March 10, 1992
TELEPHONE (402) 825-5766

MONTH February 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	797	17	683
2	791	18	717
3	623	19	748
4	624	20	800
5	793	21	793
6	789	22	797
7	795	23	794
8	795	24	797
9	792	25	797
10	589	26	797
11	0	27	796
12	0	28	797
13	0	29	796
14	0	30	
15	0	31	
16	225		

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 March 10, 1992
COMPLETED BY J. T. Cawley
TELEPHONE (402)825-5766

REPORT MONTH February 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
92-1	2-10 - 2-16	F	131	A	2	92-003	EI	BTRY	DEGRADED 250V BATTERIES

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
FEBRUARY 1992

NORMAL POWER OPERATION WAS EXPERIENCED FOR THE MONTH OF FEBRUARY, WITH 2 EXCEPTIONS. POWER WAS REDUCED FEBRUARY 3 AND 4 DUE TO NBI LEVEL SWITCH RE-CALIBRATION REQUIREMENTS. THE PLANT WAS SHUTDOWN FROM FEBRUARY 10 TO FEBRUARY 15 DUE TO DEGRADED 250 VDC BATTERIES. BATTERIES REPLACED AND FULL POWER OPERATION RESUMED FEBRUARY 19. A CAPACITY FACTOR 77.9% WAS ACHIEVED FOR THE MONTH.