Nebraska Public Power District

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

CNSS908144

April 4, 1990

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

Subject: Monthly Operating Status Report for March 1990. Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for March 1990. 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,

G. R. Horn
Division Manager of
Nuclear Operations

GRH/EAK:ju

Enclosures

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

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OPERATING DATA REPORT

DOCKET NO. 050-0298
UNIT CNS
DATE April 4, 1990
TELEPHONE (402) 825-5291

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station Notes
2. Reporting Period: March 1990
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	2,160.0	138,073.0
12.	Number of Hours Reactor Was Critical	49.0	1,465.0	104,113.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	49.0	1,465.0	102,496.7
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	89,680.0	3,307,528.0	205,990,558.0
17.	Gross Electrical Energy Generated (MWH)	29,629.0	1,108,739.0	66,444,612.0
18.	Net Electrical Energy Generated (MWH)	28,510.0	1,069,620.0	64,084,815.0
19.	Unit Service Factor	6.6	67.8	74.2
20.	Unit Availability Factor	6.6	67.8	74.2
21.	Unit Capacity Factor (Using MDC Net)	5.0	64.8	60.8
22.	Unit Capacity Factor (Using DER Net)	4.9	63.6	59.7
23.	Unit Forced Outage Rate	0.0	0.0	4.7

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

Refueling and Maintenance Outage 13, Scheduled for March 1990: 8 week duration

25. If Shut Down At End of Report Period, Estimated Date of Startup: APRIL 28, 1990

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO. 050-0298

UNIT CNS

DATE April 1, 1990

TELEPHONE (402) 825-5291

MONTH March 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	684	17	0
2	499	18	0
3	5	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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 4, 1990
COMPLETED BY J. E. Thompson
TELEPHONE (402) 825-5291

REPORT MONTH March 1990

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
90-01	900303	S	695	C	2	N/A	N/A	N/A	Reactor shutdown for 1990 (EOC13) Refueling and Maintenance 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 1990

The 1990 (EOC13) Refueling and Maintenance Outage commenced with a Manual Reactor Scram on 3 March, 1990, ending the end-of-cycle coastdown. The capacity factor for March was 5.0%.