OPERATING DATA REPORT

DOCKET NO. 050-0298
DATE 1-5-79
COMPLETED BY P.J. Borer
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: December 1978
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:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8760	39,481
12. Number Of Hours Reactor Was Critical	744	7999.2	33,454.9
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	7967.4	32,803.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,615,296	15,382,656	60,424,158
17. Gross Electrical Energy Generated (MWH)	537,860	5,045,916	19,357,866
18. Net Electrical Energy Generated (MWH)	521,452	4,886,602	18,663,339
19. Unit Service Factor	100.0	91.0	83.1
20. Unit Availability Factor	100.0	91.0	83.1
21. Unit Capacity Factor (Using MDC Net)	91.7	73.0	61.9
22. Unit Capacity Factor (Using DER Net)	90.1	71.7	60.8
23. Unit Forced Outage Rate	0.0	0.3	4.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, April 1, 1979, 4 weeks

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 Cooper Nuclear Station
DATE January 5, 1979
COMPLETED BY P. J. Borer
TELEPHONE 402-825-3811

MONTH December 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	687	17	674
2	516	18	719
3	639	19	721
4	737	20	721
5	751	21	721
6	719	22	720
7	724	23	719
8	744	24	638
9	720	25	590
10	720	26	726
11	679	27	752
12	762	28	723
13	736	29	720
14	728	30	718
15	722	31	638
16	721		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0298
UNIT NAME Cooper Nuclear Station
DATE January 5, 1979
COMPLETED BY P. J. Borer
TELEPHONE 402-825-3811

REPORT MONTH December

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
78-16	781202	S	0	H	4	N/A	N/A	N/A	Reduced power for control rod adjustment and stop valve testing.

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-Other (Explain)

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
December 1978

The unit operated at an average net output of about 700 MWe. Power was reduced on December 2nd for a rod adjustment and main turbine stop valve testing. The unit availability factor for 1978 was 91.0%, raising the cumulative availability to 83.1%.

Nebraska Public Power District

GENERAL OFFICE
P. O. BOX 499, COLUMBUS, NEBRASKA 68601
TELEPHONE (402) 564-8561

January 5, 1979

Director, Nuclear Reactor Regulation
Attention: Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch No. 3
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Suppression Pool Temperature Transients
Cooper Nuclear Station
NRC Docket No. 50-298, DPR-46

Dear Mr. Ippolito:

The Nuclear Regulatory Commission's letter of December 13, 1977 requested information related to Suppression Pool Temperature Transients at Cooper Nuclear Station. The District's response to this request, dated August 7, 1978, contained a commitment to supply the results of a Plant Unique Analysis of specific parameters as a function of time for certain depressurization transients by December 1978. It has come to our attention that the results of this analysis, being performed by General Electric, will not be available until approximately March 15, 1979.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

J. M. Pilant

Jay M. Pilant
Director of Licensing and
Quality Assurance

JDW/cmk

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