OPERATING DATA REPORT

DOCKET NO. 050-298
DATE September 3, 1981
COMPLETED BY P. L. Ballinger
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: August 1981
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

9. Power Level To Which Restricted, If Any (Net MWe): 640
10. Reasons For Restrictions, If Any: Temporary turbine modifications

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5,831.0	62,856.0
12. Number Of Hours Reactor Was Critical	744.0	4,684.6	52,274.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	4,655.6	51,373.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,700,208.0	10,314,048.0	100,096,158.0
17. Gross Electrical Energy Generated (MWH)	465,488.0	2,845,245.0	31,322,259.0
18. Net Electrical Energy Generated (MWH)	448,044.0	2,731,968.0	30,178,298.0
19. Unit Service Factor	100.0	79.8	81.7
20. Unit Availability Factor	100.0	79.8	81.7
21. Unit Capacity Factor (Using MDC Net)	78.8	61.3	62.8
22. Unit Capacity Factor (Using DER Net)	77.4	60.2	61.7
23. Unit Forced Outage Rate	0.0	2.6	4.1

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

Low pressure turbine rotor replacement, September 13, 1981, 6 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

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UNIT Cooper Nuclear Station
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MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	630	17	593
2	364	18	603
3	521	19	602
4	614	20	605
5	611	21	634
6	623	22	636
7	629	23	596
8	627	24	629
9	553	25	632
10	601	26	633
11	629	27	635
12	603	28	636
13	625	29	637
14	614	30	603
15	628	31	635
16	599		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 050-298
UNIT NAME Cooper Nuclear Station
DATE September 3, 1981
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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
81-6	810802	S	0	H	4	N/A	N/A	N/A	Reduced power to exchange control rod pattern.

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)

OPERATION NARRATIVE
Cooper Nuclear Station
August 1981

The plant operated the month of August with no scheduled or unscheduled power outages. A scheduled power reduction on August 2, 1981, was made to allow exchange of the control rod patterns. The plant operated the month at approximately 96% thermal capacity and approximately 77% electrical capacity.

An outage is planned for September 13, 1981, to replace the low pressure turbine rotors. A six week outage is planned to perform this work and various other general maintenance activities.