

OPERATING DATA REPORT

DOCKET NO. 50-298
 DATE 11-3-78
 COMPLETED BY P. J. Borer
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: October 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	<u>745</u>	<u>7296</u>	<u>38,017</u>
12. Number Of Hours Reactor Was Critical	<u>745</u>	<u>6535.2</u>	<u>31,990.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>745</u>	<u>6503.4</u>	<u>31,339.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,465,656</u>	<u>12,369,864</u>	<u>57,411,366</u>
17. Gross Electrical Energy Generated (MWH)	<u>482,145</u>	<u>4,043,341</u>	<u>18,355,401</u>
18. Net Electrical Energy Generated (MWH)	<u>466,167</u>	<u>3,915,255</u>	<u>17,691,992</u>
19. Unit Service Factor	<u>100.0</u>	<u>89.1</u>	<u>82.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>89.1</u>	<u>82.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>81.9</u>	<u>70.2</u>	<u>60.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>80.4</u>	<u>69.0</u>	<u>59.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.4</u>	<u>5.0</u>

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

Refueling, April 1, 1979, 4 weeks

78/116014

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	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH October 1978

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
78-14	781001	S	0	H	4	N/A	N/A	N/A	Reduced power to rebrush RR MG Sets and perform control rod adjustment.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-298

UNIT Cooper Nuclear Station

DATE 11-3-78

COMPLETED BY P. J. Borer

TELEPHONE 402-825-3811

MONTH October 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>437</u>	17	<u>659</u>
2	<u>595</u>	18	<u>652</u>
3	<u>606</u>	19	<u>651</u>
4	<u>578</u>	20	<u>649</u>
5	<u>594</u>	21	<u>649</u>
6	<u>605</u>	22	<u>583</u>
7	<u>612</u>	23	<u>659</u>
8	<u>620</u>	24	<u>627</u>
9	<u>638</u>	25	<u>621</u>
10	<u>628</u>	26	<u>621</u>
11	<u>642</u>	27	<u>620</u>
12	<u>648</u>	28	<u>620</u>
13	<u>656</u>	29	<u>614</u>
14	<u>655</u>	30	<u>652</u>
15	<u>649</u>	31	<u>707</u>
16	<u>653</u>		

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.

COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
October 1978

The unit operated at an average net generation of 626 MWe. The unit was operated at reduced load due to low grid demand and to conserve fuel for the winter peak. Power was reduced on November 1 for a control rod adjustment and rebrushing of both RR MG Sets.



Nebraska Public Power District

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