

OPERATING DATA REPORT

DOCKET NO. 050-0298
 DATE 12-7-79
 COMPLETED BY P. L. Ballinger
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: November 1979
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>720.0</u>	<u>8016.0</u>	<u>47,497.0</u>
12. Number Of Hours Reactor Was Critical	<u>581.1</u>	<u>7038.4</u>	<u>40,493.3</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>571.2</u>	<u>6928.4</u>	<u>39,731.6</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,126,128</u>	<u>14,117,784</u>	<u>74,541,942</u>
17. Gross Electrical Energy Generated (MWH)	<u>375,084</u>	<u>4,633,548</u>	<u>23,991,434</u>
18. Net Electrical Energy Generated (MWH)	<u>361,521</u>	<u>4,466,581</u>	<u>23,129,920</u>
19. Unit Service Factor	<u>79.3</u>	<u>86.4</u>	<u>83.7</u>
20. Unit Availability Factor	<u>79.3</u>	<u>86.4</u>	<u>83.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>65.7</u>	<u>72.9</u>	<u>63.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>64.5</u>	<u>71.6</u>	<u>62.6</u>
23. Unit Forced Outage Rate	<u>20.7</u>	<u>4.2</u>	<u>4.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling and Maintenance, March 15, 1980, 8 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 Stat.
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MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	737	17	0
2	727	18	0
3	727	19	0
4	713	20	3
5	739	21	383
6	721	22	544
7	722	23	611
8	722	24	601
9	722	25	569
10	713	26	705
11	419	27	692
12	522	28	697
13	434	29	697
14	261	30	694
15	0	31	---
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.

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH November

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
79-12	791111	S	0	H	4	N/A	N/A	N/A	Power was reduced to allow the exchange of control rod patterns and to test the turbine control system.
79-13	791113	F	5	H	4	50-298-79-37			Diesel generator #1 & #2 were inoperable at the same time. Power was reduced for a normal station shutdown as required by Tech. Specs. Diesel generator #1 was subsequently repaired and shutdown terminated. The reactor was returned to a reduced power operation pending repair and inspection of the #2 diesel generator.
79-14	791114	F	148.8	A	2	50-298-79-36			Reactor was shutdown because the repair and annual inspection of the #2 diesel generator was not completed in seven days as required by the Tech. Specs. Diesel generator #2 was repaired, inspected and tested and the reactor returned to normal power operation.

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

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COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
November 1979

Power was reduced on November 11, 1979 to allow the exchange of control rod patterns (Sequence A-2 to Sequence B-2) and to test the turbine control system.

On November 13, 1979, diesel generator #1 would not start during performance of a surveillance procedure and was declared inoperable. Diesel generator #2 was undergoing its annual inspection and thus was also inoperable. Power was reduced for a normal station shutdown as required by Technical Specifications. Diesel generator #1 was subsequently repaired, tested, and declared operable and the shutdown terminated. The reactor returned to reduced power operation pending completion of repair and annual inspection of the #2 diesel generator.

Reactor was shutdown on November 14, 1979 because the repair and annual inspection of the #2 diesel generator was not completed in seven days as required by Technical Specifications. The diesel generator #2 was repaired, tested, and declared operable and the reactor returned to normal operation after a 148.8 hour outage.

Reactor operated with no additional unscheduled power reductions or outages for the balance of the month.

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