

OPERATING DATA REPORT

DOCKET NO. 50-298
 DATE January 4, 1982
 COMPLETED BY P. L. Ballinger
 TELEPHONE 402-825-3811

OPERATING STATUS

- 1. Unit Name: Cooper Nuclear Station
- 2. Reporting Period: December 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
- 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>744.0</u>	<u>8,760.0</u>	<u>65,785.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>6,297.0</u>	<u>53,886.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>6,239.7</u>	<u>52,957.5</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>1,744,464.0</u>	<u>13,906,368.0</u>	<u>103,688,478.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>585,656.0</u>	<u>4,003,773.0</u>	<u>32,480,787.0</u>
18. Net Electrical Energy Generated (MWH)	<u>566,202.0</u>	<u>3,851,048.0</u>	<u>31,297,378.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>71.2</u>	<u>80.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>71.2</u>	<u>80.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.6</u>	<u>57.5</u>	<u>62.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.8</u>	<u>56.5</u>	<u>61.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.0</u>	<u>4.0</u>

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

Refueling, May 22, 1982, 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	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-298
 UNIT NAME Cooper Nuclear Stat.
 DATE January 4, 1982
 COMPLETED BY P. L. Ballinger
 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
None During Reporting Period									

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 January 4, 1982

COMPLETED BY P. L. Ballinger

TELEPHONE 402-825-3811

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>779</u>	17	<u>779</u>
2	<u>777</u>	18	<u>777</u>
3	<u>777</u>	19	<u>773</u>
4	<u>777</u>	20	<u>731</u>
5	<u>776</u>	21	<u>775</u>
6	<u>740</u>	22	<u>776</u>
7	<u>777</u>	23	<u>768</u>
8	<u>777</u>	24	<u>676</u>
9	<u>775</u>	25	<u>702</u>
10	<u>780</u>	26	<u>721</u>
11	<u>780</u>	27	<u>734</u>
12	<u>780</u>	28	<u>776</u>
13	<u>736</u>	29	<u>774</u>
14	<u>780</u>	30	<u>774</u>
15	<u>780</u>	31	<u>761</u>
16	<u>780</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.

OPERATIONS NARRATIVE
Cooper Nuclear Station
December 1981

Operated the month of December at a capacity factor of 97.8%. There were no scheduled or unscheduled power reductions or shutdowns during the month. A Refueling and Maintenance Outage is tentatively scheduled for May 22, 1982.