

# OPERATING DATA REPORT

DOCKET NO. 50-298  
 DATE 6-2-81  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

## OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: May 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:  
None

Notes

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	<u>744.0</u>	<u>3,623.0</u>	<u>60,648.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>2,641.0</u>	<u>50,230.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>2,641.0</u>	<u>49,358.8</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>0.0</u>	<u>5,897,184.0</u>	<u>95,679,294.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>1,636,217.0</u>	<u>30,113,231.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0.0</u>	<u>1,570,791.0</u>	<u>29,017,121.0</u>
19. Unit Service Factor	<u>0.0</u>	<u>72.9</u>	<u>81.4</u>
20. Unit Availability Factor	<u>0.0</u>	<u>72.9</u>	<u>81.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>56.7</u>	<u>62.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>55.7</u>	<u>61.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.8</u>	<u>4.2</u>

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

Low pressure turbine rotor replacement, October 1, 1981, 6 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 4, 1981

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>      </u>	<u>      </u>
INITIAL ELECTRICITY	<u>      </u>	<u>      </u>
COMMERCIAL OPERATION	<u>      </u>	<u>      </u>

8204150432 810602  
 PDR ADOCK 05000298  
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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-298

UNIT Cooper Nuclear Stat.

DATE 6-2-81

COMPLETED BY P. L. Ballinger

TELEPHONE 402-825-3811

MONTH May

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-298  
 UNIT NAME Cooper Nuclear Stat.  
 DATE 6-2-81  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

REPORT MONTH May

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-4	810421	S	744	C	4	N/A	N/A	N/A	Refueling and Maintenance Outage

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

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

<sup>5</sup>  
 Exhibit I - Same Source

COOPER NUCLEAR STATION  
OPERATIONS NARRATIVE  
May 1981

The reactor was shutdown on April 21, 1981 due to turbine vibration and started the 1981 Refueling and Maintenance Outage. A startup date of June 4, 1981 is scheduled for the start of Cycle 7.