

# OPERATING DATA REPORT

DOCKET NO. 050-0298  
 DATE October 8, 1979  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

## OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: October 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>745.0</u>	<u>7,296.0</u>	<u>46,777.0</u>
12. Number Of Hours Reactor Was Critical	<u>745.0</u>	<u>6,457.3</u>	<u>39,912.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>745.0</u>	<u>6,357.2</u>	<u>39,160.4</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>1,619,208.0</u>	<u>12,991,656.0</u>	<u>73,415,814.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>540,400.0</u>	<u>4,258,464.0</u>	<u>23,616,350.0</u>
18. Net Electrical Energy Generated (MWH)	<u>521,808.0</u>	<u>4,105,060.0</u>	<u>22,768,399.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>87.1</u>	<u>83.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>87.1</u>	<u>83.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.7</u>	<u>73.6</u>	<u>63.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.0</u>	<u>72.3</u>	<u>62.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.4</u>	<u>4.4</u>

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

Refueling and Maintenance, March 15, 1980, 6 weeks

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

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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7911140 273

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298

UNIT Cocper Nuclear Station

DATE November 2, 1979

COMPLETED BY P. L. Ballinger

TELEPHONE 402-825-3811

MONTH October 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>688</u>
2	<u>679</u>
3	<u>680</u>
4	<u>696</u>
5	<u>695</u>
6	<u>695</u>
7	<u>641</u>
8	<u>695</u>
9	<u>696</u>
10	<u>695</u>
11	<u>696</u>
12	<u>693</u>
13	<u>691</u>
14	<u>581</u>
15	<u>691</u>
16	<u>691</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>697</u>
18	<u>695</u>
19	<u>700</u>
20	<u>704</u>
21	<u>678</u>
22	<u>709</u>
23	<u>729</u>
24	<u>733</u>
25	<u>733</u>
26	<u>729</u>
27	<u>732</u>
28	<u>721</u>
29	<u>731</u>
30	<u>731</u>
31	<u>747</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.

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. 050-0298  
 UNIT NAME Cooper Nuclear Station  
 DATE November 2, 1979  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

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
NONE DURING REPORTING PERIOD									

1. 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

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COOPER NUCLEAR STATION  
OPERATIONS NARRATIVE  
October 1979

The unit operated the month of October at a capacity factor of 90% with no unscheduled power reductions and no outages.

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