

OPERATING DATA REPORT

DOCKET NO. 050-0298  
 DATE 1-5-81  
 COMPLETED BY P. L. Ballinger  
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: December 1980
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): 645
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>8,784.0</u>	<u>57,025.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>6,352.1</u>	<u>47,589.4</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>6,242.2</u>	<u>46,717.8</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>1,720,248.0</u>	<u>13,599,384.0</u>	<u>99,782,110.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>481,811.0</u>	<u>3,938,166.0</u>	<u>28,477,014.0</u>
18. Net Electrical Energy Generated (MWH)	<u>466,113.0</u>	<u>3,788,053.0</u>	<u>27,446,330.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>71.1</u>	<u>81.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>71.1</u>	<u>81.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.0</u>	<u>56.4</u>	<u>63.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>80.5</u>	<u>55.4</u>	<u>61.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.1</u>	<u>4.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling and Maintenance Outage, April 26, 1981, 30 days

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 Statio  
 DATE January 5, 1981  
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 TELEPHONE 402-825-3811

MONTH December 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	636	17	639
2	639	18	630
3	640	19	638
4	628	20	635
5	620	21	622
6	630	22	636
7	637	23	635
8	632	24	632
9	631	25	631
10	626	26	612
11	624	27	513
12	624	28	634
13	623	29	640
14	595	30	622
15	642	31	637
16	638		

**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.

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1980

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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	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 License Event Report (LER) File (NUREG-0161)

5  
 Exhibit I - Same Source

(9/77)

OPERATIONS NARRATIVE  
December 1980

The facility operated the month of December with no scheduled or unscheduled power reductions or outages.