

OPERATING DATA REPORT

DOCKET NO. 050-298
DATE August 5, 1981
COMPLETED BY P. L. Ballinger
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: July 1981
3. Licensed Thermal Power (MWt): 2386
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>5,087.0</u>	<u>62,112.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3,940.6</u>	<u>51,530.0</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>3,911.6</u>	<u>50,629.4</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>1,736,832.0</u>	<u>8,613,840.0</u>	<u>98,395,950.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>475,646.0</u>	<u>2,379,757.0</u>	<u>30,856,771.0</u>
18. Net Electrical Energy Generated (MWH)	<u>456,662.0</u>	<u>2,283,924.0</u>	<u>29,730,254.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>76.9</u>	<u>81.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>76.9</u>	<u>81.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>80.3</u>	<u>58.8</u>	<u>62.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>78.9</u>	<u>57.7</u>	<u>61.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.1</u>	<u>4.2</u>

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

Low pressure turbine rotor replacement, September 12, 1981, 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

Forecast	Achieved
_____	_____
_____	_____
_____	_____

3204160092 810805
PDR ADOCK 05000293
PDR
R

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298

UNIT Cooper Nuclear Station

DATE August 5, 1981

COMPLETED BY P. L. Ballinger

TELEPHONE 402-825-3811

MONTH July 1981

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>630</u>
2	<u>629</u>
3	<u>628</u>
4	<u>627</u>
5	<u>605</u>
6	<u>631</u>
7	<u>628</u>
8	<u>622</u>
9	<u>620</u>
10	<u>615</u>
11	<u>581</u>
12	<u>601</u>
13	<u>622</u>
14	<u>617</u>
15	<u>594</u>
16	<u>618</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>623</u>
18	<u>626</u>
19	<u>600</u>
20	<u>627</u>
21	<u>628</u>
22	<u>617</u>
23	<u>629</u>
24	<u>630</u>
25	<u>618</u>
26	<u>591</u>
27	<u>601</u>
28	<u>605</u>
29	<u>611</u>
30	<u>634</u>
31	<u>637</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 Station
 DATE August 5, 1981
 COMPLETED BY P. L. Ballinger
 TELEPHONE 402-825-3811

REPORT MONTH July 1981

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 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 (NURIG-
 0161)

⁵
 Exhibit I - Same Source

OPERATIONS NARRATIVE
Cooper Nuclear Station
July 1981

The plant operated the month of July with no scheduled or unscheduled power reductions or outages. The reactor operated for the month at approximately 98% thermal capacity and approximately 80% electrical capacity.

An outage is scheduled for September 12, 1981 to replace the low pressure turbine rotors. A six week outage is planned to perform this work and various other general maintenance activities.