

OPERATING DATA REPORT

DOCKET NO. 050-298
 DATE 11-8-83
 COMPLETED BY P. L. Ballinger
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: October 1983
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7,296.0	81,841.0
12. Number Of Hours Reactor Was Critical	745.0	4,216.5	65,587.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	4,144.2	64,516.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,145,664.0	8,402,760.0	128,464,062.0
17. Gross Electrical Energy Generated (MWH)	379,818.0	2,796,921.0	40,729,149.0
18. Net Electrical Energy Generated (MWH)	364,752.0	2,696,289.0	39,269,749.0
19. Unit Service Factor	100.0	56.8	78.8
20. Unit Availability Factor	100.0	56.8	78.8
21. Unit Capacity Factor (Using MDC Net)	64.1	48.4	62.8
22. Unit Capacity Factor (Using DER Net)	62.9	47.5	61.7
23. Unit Forced Outage Rate	0.0	2.6	3.8

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

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

8312150112 831108
 PDR ADOCK 05000298
 R PDR

IEQH

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298

UNIT Cooper Nuclear Station

DATE 11-8-83

COMPLETED BY P. L. Ballinger

TELEPHONE 402-825-3811

MONTH October 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>581</u>
2	<u>401</u>
3	<u>490</u>
4	<u>482</u>
5	<u>486</u>
6	<u>484</u>
7	<u>488</u>
8	<u>488</u>
9	<u>379</u>
10	<u>547</u>
11	<u>639</u>
12	<u>615</u>
13	<u>619</u>
14	<u>603</u>
15	<u>486</u>
16	<u>383</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>485</u>
18	<u>484</u>
19	<u>483</u>
20	<u>469</u>
21	<u>485</u>
22	<u>482</u>
23	<u>377</u>
24	<u>490</u>
25	<u>492</u>
26	<u>484</u>
27	<u>484</u>
28	<u>480</u>
29	<u>482</u>
30	<u>390</u>
31	<u>481</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

REPORT MONTH October

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 UNIT NAME Cooper Nuclear Station
 DATE 11-8-83
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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
83-7	831001	S	0	H	NA	NA	NA	NA	Reduce power for weekend load demand and load following

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)

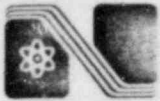
³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵
 Exhibit I - Same Source

OPERATIONS NARRATIVE
Cooper Nuclear Station
October 1983

The plant is operating at reduced power levels for the fall and early winter months to allow extension of the operating cycle to October 1984. On October 1, 1983 power was reduced for load following and to begin the low power extended cycle operating strategy. The plant operated the remainder of October with no unscheduled power reduction or outages.



Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
TELEPHONE (402) 825-3811

CNSS830700

November 8, 1983

Director, Office of Management Information
and Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Monthly Operation Status Report for October 1983
Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for October 1983. The report includes Operating Status, Average Daily Unit Power Level, Unit Shutdown data, and a Narrative Summary of Operating Experience.

Should you have any comments or require additional information regarding this report, please contact me.

Sincerely,

P. V. Thomason
Division Manager of
Nuclear Operations

PVT:lb

Enclosure

cc: G. D. Watson w/enc.
A. C. Gehr w/enc.
J. T. Collins w/enc.

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