

OPERATING DATA REPORT

DOCKET NO. 050-0298
 DATE 5-3-84
 COMPLETED BY J. K. Salisbury
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: April, 1984
3. Licensed Thermal Power (MWt): 2381
4. Nameplate Rating (Gross MWe): 836
5. Design Electrical Rating (Net MW) : 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): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.0	2,903.0	86,208.0
12. Number Of Hours Reactor Was Critical	522.0	2,680.0	69,683.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	498.2	2,638.8	68,557.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	802,719.0	5,171,847.0	135,685,005.0
17. Gross Electrical Energy Generated (MWH)	263,000.0	1,738,871.0	43,145,226.0
18. Net Electrical Energy Generated (MWH)	252,349.0	1,665,554.0	41,582,213.0
19. Unit Service Factor	69.3	90.9	79.5
20. Unit Availability Factor	69.3	90.9	79.5
21. Unit Capacity Factor (Using MDC Net)	45.9	75.1	63.1
22. Unit Capacity Factor (Using DER Net)	45.1	73.7	62.0
23. Unit Forced Outage Rate	7.7	3.1	3.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
1984 Refueling and Maintenance, October 1, 1984, 7 months

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	_____	_____

8406070096 840430
 PDR ADOCK 05000298
 R PDR

IE24
 1/1
 (9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298

UNIT CNS

DATE 5-3-84

COMPLETED BY J. K. Salisbury

TELEPHONE 402-825-3811

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>517</u>	17	<u>496</u>
2	<u>662</u>	18	<u>495</u>
3	<u>689</u>	19	<u>426</u>
4	<u>686</u>	20	<u>0</u>
5	<u>685</u>	21	<u>305</u>
6	<u>641</u>	22	<u>394</u>
7	<u>28</u>	23	<u>463</u>
8	<u>0</u>	24	<u>488</u>
9	<u>0</u>	25	<u>483</u>
10	<u>0</u>	26	<u>486</u>
11	<u>0</u>	27	<u>483</u>
12	<u>0</u>	28	<u>485</u>
13	<u>0</u>	29	<u>356</u>
14	<u>169</u>	30	<u>487</u>
15	<u>457</u>	31	<u></u>
16	<u>535</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 CNS
 DATE 5-3-84
 COMPLETED BY J.K. Salisbury
 TELEPHONE 402-825-3811

REPORT MONTH April

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
84-3	840407	S	179.3	B	2	NA	NA	NA	Maintenance Outage
84-5	840419	F	41.5	A	2	NA	NA	NA	Loss of both SBGT charcoal beds resulting in a loss of Secondary Containment required a controlled shutdown. A manual scram was initiated at 1400 hours. Charcoal in both beds was replaced and functionally tested. The plant then returned to service.

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

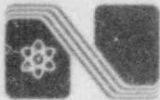
Operations Narrative
Cooper Nuclear Station
April, 1984

The plant operated the month of April with one (1) scheduled shutdown on April 7 and one (1) unscheduled shutdown on April 19.

The scheduled shutdown was required for maintenance. The reactor was manually scrammed at 0538 on April 7. The plant was placed back in service on April 14.

The unscheduled shutdown on April 19 was indirectly caused by a fire protection system water hammer. This unanticipated water hammer inadvertently forced the clappers of the SBT automatic deluge system valves open. This occurrence quenched the SBT charcoal beds with water, rendering the SBT system inoperative and thus losing secondary containment. As required by Technical Specifications, procedures were initiated to shutdown. The wet charcoal beds were replaced with dry charcoal and tests were performed to insure their functional capabilities. Upon regaining SBT operability on April 20, procedures were implemented to bring the plant back into service. The plant was placed on-line on April 21.

A capacity factor of 45.9 was achieved for the month of April.



Nebraska Public Power District

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

CNSS840183

May 3, 1984

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

Subject: Monthly Operation Status Report for April 1984
Docket No. 50-298

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for April 1984. 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
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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