

OPERATING DATA REPORT

DOCKET NO. 050-298
DATE March 4, 1983
COMPLETED BY J. T. Scheuerman
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: February 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
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	672.0	1,416.0	75,961.0
12. Number Of Hours Reactor Was Critical	658.5	1,402.5	62,773.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	650.6	1,394.6	61,766.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,452,024.0	3,139,488.0	123,200,790.0
17. Gross Electrical Energy Generated (MWH)	483,749.0	1,049,670.0	38,981,898.0
18. Net Electrical Energy Generated (MWH)	468,060.0	1,015,601.0	37,589,061.0
19. Unit Service Factor	96.8	98.5	81.3
20. Unit Availability Factor	96.8	98.5	81.3
21. Unit Capacity Factor (Using MDC Net)	91.2	93.9	64.8
22. Unit Capacity Factor (Using DER Net)	89.5	92.2	63.6
23. Unit Forced Outage Rate	3.2	1.5	3.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling, May 1, 1983, 4 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
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

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MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>769</u>	17	<u>730</u>
2	<u>769</u>	18	<u>724</u>
3	<u>769</u>	19	<u>718</u>
4	<u>768</u>	20	<u>621</u>
5	<u>768</u>	21	<u>771</u>
6	<u>760</u>	22	<u>775</u>
7	<u>765</u>	23	<u>776</u>
8	<u>464</u>	24	<u>770</u>
9	<u>94</u>	25	<u>767</u>
10	<u>418</u>	26	<u>769</u>
11	<u>553</u>	27	<u>766</u>
12	<u>709</u>	28	<u>764</u>
13	<u>752</u>	29	<u>---</u>
14	<u>741</u>	30	<u>---</u>
15	<u>739</u>	31	<u>---</u>
16	<u>733</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

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UNIT NAME Cooper Nuclear Station

DATE March 4, 1983

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REPORT MONTH February

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
83-2	830208	F	21.4	B	3	N/A	N/A	N/A	Reactor scram on high neutron flux due to rapid increase in reactor recirculation flow. While troubleshooting the controller for the recirculation pump "B" motor/generator set, test equipment was improperly connected resulting in reactor recirculation flow instabilities and a reactor scram.

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 Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

OPERATIONS NARRATIVE
Cooper Nuclear Station
February 1983

The plant operated the month of February with only one unscheduled shutdown. On February 8, 1983 at 1437 hours, a reactor scram occurred due to a personnel error while troubleshooting a recirculation loop flow controller. The plant returned to operation the next day and operated the remainder of the month with only one scheduled power reduction on February 20, 1983 to adjust the control rod pattern. All rods were withdrawn at that time and the end of cycle power coastdown started.

Cooper Nuclear Station
Refueling Information Request
Enclosure to
Monthly Operating Report
February 1983

1. Facility - Cooper Nuclear Station
2. Scheduled Refueling S/D - May 1, 1983
3. Scheduled Refueling S/U - May 28, 1983
4. License Amendment Required? - No
5. License Document Submittal - None
6. New Licensing Considerations - None
7. Fuel Assemblies Currently (a) In Core - 548
(b) Spent Fuel Storage - 848
(includes 116 new fuel assemblies)
8. Licensed Spent Fuel Storage Capacity - 2366 Assemblies
9. Last Discharge Assuming Present Capacity - 1996