

OPERATING DATA REPORT

DOCKET NO. 050-0298
 DATE August 3, 1979
 COMPLETED BY P. J. Borer
 TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: July 1979
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): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5,087.0	44,568.0
12. Number Of Hours Reactor Was Critical	744.0	4,313.6	37,768.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	4,246.7	37,049.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,570,248.0	8,517,192.0	68,941,350.0
17. Gross Electrical Energy Generated (MWH)	506,626.0	2,784,791.0	22,142,677.0
18. Net Electrical Energy Generated (MWH)	485,534.0	2,686,626.0	21,349,965.0
19. Unit Service Factor	100.0	83.5	83.1
20. Unit Availability Factor	100.0	83.5	83.1
21. Unit Capacity Factor (Using MDC Net)	85.4	69.1	62.7
22. Unit Capacity Factor (Using DER Net)	83.9	67.9	61.6
23. Unit Forced Outage Rate	0.0	1.4	4.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	None		

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

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(9/77)

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298

UNIT Cooper Nuclear Station

DATE August 3, 1979

COMPLETED BY P. J. Borer

TELEPHONE 402-825-3811

MONTH July 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>578</u>
2	<u>600</u>
3	<u>716</u>
4	<u>615</u>
5	<u>670</u>
6	<u>681</u>
7	<u>681</u>
8	<u>638</u>
9	<u>634</u>
10	<u>685</u>
11	<u>713</u>
12	<u>686</u>
13	<u>721</u>
14	<u>678</u>
15	<u>632</u>
16	<u>681</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>685</u>
18	<u>684</u>
19	<u>690</u>
20	<u>688</u>
21	<u>667</u>
22	<u>680</u>
23	<u>695</u>
24	<u>749</u>
25	<u>687</u>
26	<u>685</u>
27	<u>687</u>
28	<u>333</u>
29	<u>465</u>
30	<u>584</u>
31	<u>675</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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1979

DOCKET NO. 050-0298
 UNIT NAME Cooper Nuclear Station
 DATE August 3, 1979
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 TELEPHONE 402-825-3811

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
79-8	790728	S	0	H	4	NA	NA	NA	Reduced power to permit a rod sequence change.

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

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COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
July 1979

The unit operated continuously during the month of July. On July 2, a hydrogen combustion occurred in the Off Gas System. On July 9, the feeder breaker to the AOG System tripped. When returning the AOG System to service, a hydrogen combustion occurred in the Off Gas System. On July 23, another hydrogen combustion occurred in the Off Gas System.

As a result of the three events described above, the AOG train in service was shutdown on July 25. It is believed that possible catalyst migration may have caused the events on July 2 and 23. The AOG System was returned to service on July 29 in an effort to further investigate the problem and it has operated normally. The catalyst migration problem in the AOG System will be investigated as soon as operating conditions permit.