OPERATING DATA REPORT

DOCKET NO. 050-298
DATE July 7, 1981
COMPLETED BY Paul Ballinger
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: June 1981
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:

None

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	720	4,343	61,368
12. Number Of Hours Reactor Was Critical	555.6	3,196.6	50,786
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	526.6	3,167.6	49,885.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	979,824	6,877,008	96,659,118
17. Gross Electrical Energy Generated (MWH)	267,894	1,904,111	30,381,125
18. Net Electrical Energy Generated (MWH)	256,471	1,827,262	29,273,592
19. Unit Service Factor	73.1	72.9	81.3
20. Unit Availability Factor	73.1	72.9	81.3
21. Unit Capacity Factor (Using MDC Net)	46.6	55.1	62.4
22. Unit Capacity Factor (Using DER Net)	45.8	54.1	61.3
23. Unit Forced Outage Rate	4.0	3.8	4.2

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

Low pressure turbine rotor replacement, September 12, 1981, 5 weeks

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	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-298
UNIT NAME Cooper Nuclear Stat.
DATE July 7, 1981
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REPORT MONTH June

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
81-4	810421	S	171.3	C	4	N/A	N/A	N/A	Refueling and Maintenance Outage
81-5	810612	F	22.1	H	3	N/A	N/A	N/A	Reactor scram during surveillance testing due to Instrument and Control Technician error
81-6	810621	S	0	H	4	N/A	N/A	N/A	Reduced power to adjust control rod pattern.

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298
UNIT Cooper Nuclear Stat.
DATE July 7, 1981
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MONTH June

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	425
2	-	18	522
3	-	19	577
4	-	20	564
5	-	21	439
6	-	22	591
7	-	23	633
8	93	24	633
9	176	25	628
10	347	26	628
11	375	27	622
12	208	28	624
13	123	29	624
14	374	30	627
15	456	31	-
16	448		

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.

(9/77)

COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
June 1981

The reactor was started up for Cycle 7 at 1448 hours, June 6, 1981. The generator was synchronized to the grid at 0316 hours, June 8, 1981. The facility continues to operate at reduced generator capacity due to temporary turbine modifications performed in 1980.

A reactor scram occurred on June 12, 1981 at 1109 hours due to Instrument and Control Technician error while performing a surveillance procedure. Plant returned to operation the next day and operated the remainder of the month with no unscheduled power reductions or outages and with only one scheduled power reduction to adjust the control rod pattern.