OPERATING DATA REPORT

DOCKET NO. 050-298
DATE July 1, 1980
COMPLETED BY P. L. Ballinger
TELEPHONE 402-825-3811

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: June 1980
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): 660
7. Maximum Dependable Capacity (Net MWe): 635
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   Turbine modifications to remove cracked turbine discs and to replace turbine blades and discs with pressure controlling baffle plates resulted in reduced generating capacity
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720.0	4,367.0	52,608.0
12. Number Of Hours Reactor Was Critical	658.3	2,105.3	43,342.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	616.7	2,054.4	42,530.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,211,064.0	4,289,584.0	80,471,310.0
17. Gross Electrical Energy Generated (MWH)	329,828.0	1,34[illegible]3.0	25,886,871.0
18. Net Electrical Energy Generated (MWH)	315,966.0	1,297,094.0	24,955,371.0
19. Unit Service Factor	85.7	47.0	80.8
20. Unit Availability Factor	85.7	47.0	80.8
21. Unit Capacity Factor (Using MDC Net)	69.1	46.8	74.7
22. Unit Capacity Factor (Using DER Net)	56.4	38.2	61.0
23. Unit Forced Outage Rate	0.9	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):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

8007080395

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-298
UNIT Cooper Nuclear Station
DATE July 1, 1980
COMPLETED BY P. L. Ballinger
TELEPHONE 402-825-3811

MONTH June

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	575
2	0	18	555
3	0	19	546
4	3	20	547
5	37	21	541
6	201	22	374
7	324	23	500
8	355	24	529
9	443	25	621
10	547	26	626
11	585	27	621
12	559	28	615
13	566	29	598
14	566	30	601
15	553	31	---
16	556		

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-298
UNIT NAME Cooper Nuclear Station
DATE July 1, 1980
COMPLETED BY P. I. Ballinger
TELEPHONE 402-825-3811

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
80-5	800301	S	55.8	C	2	NA	NA	NA	1980 Refueling and Maintenance Outage
80-6	800604	F	5.9	A	3	NA	NA	NA	Reactor scram from low reactor water level following reactor feedwater pump overspeed trip. Malfunctioning reactor feed pump controller problem was corrected and reactor returned to operation.
80-7	800622	S	NA	H	NA	NA	NA	NA	Power was reduced to allow adjustment of the 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)

COOPER NUCLEAR STATION
OPERATIONS NARRATIVE
JUNE 1980

Startup for Cycle 6 began on June 3, 1980 and first reactor criticality occurred at 0748 hours. Maintenance work on the turbine resulted in removal of 12 rows of low pressure turbine blades. Pressure controlling baffle plates were installed in the turbine to allow continued operation until replacement turbine rotors can be obtained from manufacturer. A reduced electrical generating capacity of approximately 140 MWe has resulted from removal of the 12 rows of turbine blades.

Reactor scram occurred at 2349 hours, June 4, 1980 resulting from reactor low water level scram signal. Reactor feed pump tripped during the main turbine overspeed trip testing. A malfunctioning RFP controller allowed the feed pump turbine speed to increase to trip level. Feedwater flow was lost to the reactor resulting in a low water level scram. Control problem with feed pump corrected and returned reactor to criticality at 0542 hours, June 5, 1980.

Plant operated the remainder of June with no unscheduled power reduction and with only one scheduled power reduction on June 22 to allow for adjustment of the control rod pattern.