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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1991 for DC Cook Nuclear
Plant Unit 1.W/910703 ltr.

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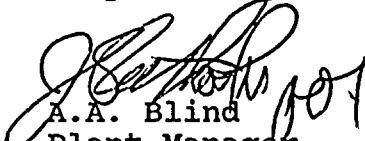
July 3, 1991

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Pursuant to the requirements of Donald C. Cook Nuclear Plant
Unit 1 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of June 1991 is submitted.

Respectfully,


A.A. Blind
Plant Manager

Attachment

c: NRC Region III
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INPO Records Center
ANI Nuclear Engineering Department
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 01-Jul-91
 COMPLETED BY WT GILLETT
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period JUNE, 91
 3. Licensed Thermal Power (MWt) 3250
 4. Name Plate Rating (Gross MWe) 1152
 5. Design Electrical Rating (Net MWe) 1030
 6. Maximum Dependable Capacity (GROSS MWe) 1056
 7. Maximum Dependable Capacity (Net MWe) 1020
 8. If Changes Occur in Capacity Ratings (Items no. 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 Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	4343.0	144599.0
12. No. of Hrs. Reactor Was Critical	720.0	3424.7	106811.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	687.4	3208.5	104837.3
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2127171	9920282	305349930
17. Gross Elect. Energy Gen. (MWH)	679680	3198860	99330090
18. Net Elect. Energy Gen. (MWH)	654442	3081396	95514869
19. Unit Service Factor	95.5	73.9	73.5
20. Unit Availability Factor	95.5	73.9	73.5
21. Unit Capacity Factor (MDC Net)	89.1	69.6	65.7
22. Unit Capacity Factor (DER Net)	88.2	68.9	63.9
23. Unit Forced Outage Rate	4.5	3.9	7.0
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			
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

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
 UNIT ONE
 DATE 01-Jul-91
 COMPLETED BY WT GILLET
 TELEPHONE 616-465-5901

MONTH JUNE, 91

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	971	17	988
2	569	18	994
3	949	19	998
4	1020	20	998
5	1019	21	999
6	1022	22	1005
7	1008	23	1009
8	868	24	1007
9	908	25	1002
10	501	26	991
11	5	27	983
12	555	28	979
13	989	29	981
14	995	30	978
15	989		
16	988		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1991

DOCKET NO: 50-315
UNIT NAME: D.C. COOK UNIT 1
DATE: July 3, 1991
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
PAGE: 1 of 2

NO.	DATE	TYPE ¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
295	910601	S	0	H	N/A	N/A	ZZ	ZZZZZZ	Unit power was reduced to 600MWe (59% RTP) beginning 2100 hours on 910601 to accommodate reduced system demand. Unit power was restored to 100% RTP at 1100 hours on 910603.
296	910608	S	0	B	N/A	N/A	HB	HTEXCH	Unit power was reduced to 75% RTP beginning 1421 hours on 910608 to remove the Moisture Separator Reheaters (MSR's) from service for maintenance. Work on the MSR's was completed and the unit was restored to 100% RTP at 1605 hours on 910609.

1	2	3	4	5
F: Forced S: Scheduled	Reason: A: Equipment Failure (Explain) B: Maintenance or Test C: Refueling D: Regulatory Restriction E: Operator Training and License Examination F: Administrative G: Operational Error (Explain) H: Other (Explain)	Method: 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (IER) File (NUREG 0161)	Exhibit I: Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1991

DOCKET NO: 50-315
UNIT NAME: D.C. COOK UNIT 1
DATE: July 3, 1991
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
PAGE: 2 of 2

NO.	DATE	TYPE ¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
297	910610	F	32.6	B	N/A	N/A	HA	GENERA	The unit was removed from service to investigate the cause for main generator exciter field current oscillations and arcing underneath the exciter. The cause was identified as missing bolts on the exciter side of an expansion joint on the AC bus connecting the rectifier cabinet to the exciter stator. The missing bolts were installed and the unit was returned to service at 2325 hours on 910611. 100% RTP was reached on 910612.

1
F: Forced
S: Scheduled

2
Reason:
A: Equipment Failure (Explain)
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and
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

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: July 3, 1991
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - June 1991

HIGHLIGHTS

The unit entered the reporting period at 100% RTP. Unit power was reduced to 59% RTP beginning 2100 hours on 910601 for reduced system load demand. The unit was restored to 100% RTP at 1100 hours on 910603. Unit power was reduced to 75% RTP beginning 1900 hours on 910607 to allow for maintenance activities on the Moisture Separator Reheaters. Unit power was restored to 100% RTP at 1605 hours on 910609. A unit shutdown was started at 1048 hours on 910610 to remove the unit from service for repair of a connection on the main generator excitation circuit which could not be repaired at power. The unit was reparallelled to the system at 2325 hours on 910610 and 100% RTP was achieved at 0042 hours on 910613. The unit exited the reporting period at 100% RTP.

Gross electrical generation for the month of June was 679680 MWH.

DETAILS

06/01/91	2100	Commenced unit power reduction to 600 MWe (59% RTP) at the system's request.
06/02/91	0115	The unit is at 59% RTP.
	2300	Commenced unit power increase to 100% RTP.
06/03/91	1100	The unit is at 100% RTP.
06/07/91	1900	Commenced unit power reduction to 95% RTP.
	2000	Unit power is stabilized at 95% RTP for the removal of Moisture Separator Reheaters (MSR's) from service for maintenance.
06/08/91	1421	Commenced unit power reduction to 75% RTP for the restoration of the MSR's.
	1722	Unit power is stabilized at 75% RTP for MSR restoration and for system load considerations.
06/09/91	0035	Commenced unit power increase to 100% RTP.
	1605	The unit is at 100% RTP.

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: E.C. Schimmel
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PAGE: 2 of 2

Monthly operating activities (cont.)

06/10/91	1048	Commenced unit power reduction to remove the unit from service to investigate the cause for generator exciter field current oscillations and electrical arcing underneath the exciter.
06/10/91	1447	Removed the main generator from service.
06/10/91	1500	The reactor is in Mode 2. Reactor power maintained at approximately 2% RTP.
06/11/91	2139	The reactor is in Mode 1.
	2325	The main generator is paralleled to the system grid. Increasing unit power to 48% RTP.
06/12/91	0840	The unit is at 48% RTP and holding for thermal power and quadrant power tilt ratio verification.
	0935	Commenced unit power increase to 75% RTP.
	1725	The unit is at 75% RTP and holding to adjust nuclear instrumentation.
	1830	Commenced unit power increase to 100% RTP.
06/13/91	0042	The unit is at 100% RTP.

DOCKET NO: 50-315
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DATE: July 3, 1991
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - June 1991

There were no major safety-related maintenance items during the month of June.

