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FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
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SUBJECT: Monthly operating rept for June 1988 for DC Cook Plant.
W/880706 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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DOCKET NO: 50-315
UNIT NAME: D. C. Cook Unit 1
COMPLETED BY: M. Gausden
TELEPHONE: (616) 465-5901
DATE: July 6, 1988
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - JUNE 1988

HIGHLIGHTS:

The unit operated at the 90% administrative power limit upon entering this reporting period until 1616 on June 6, 1988, when a power reduction was started due to a substantial steam leak on the east MSR. The leak was located at the drain tank vent line elbow connection to the MSR shell. Power was reduced to 30% at 2233, at which time the steam leakage was reduced to an acceptable level for repair. The leak was repaired and power ascension to 90% performed between 0513 and 1910 on June 9, 1988.

The reporting period ended with the unit operating at its 90% administrative limit.

Gross electrical generation for the month of June was 638,760 MWH.

DETAILS

06-06-88	1616	Commenced power reduction due to the vent line leakage on the east MSR.
	2233	Reactor power at 30%. Power reduction completed.
06-09-88	0513	Repair completed on the vent line. Power increase started.
	1910	Power returned to the 90% administrative limit.

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DATE	<u>July 6, 1988</u>
COMPLETED BY	<u>M. Gausden</u>
TELEPHONE	<u>(616) 465-5901</u>
PAGE	<u>1 of 1</u>

MAJOR SAFETY-RELATED MAINTENANCE

JUNE 1988

There were no major safety-related maintenance items during the month of June, 1988.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
DATE 7/1/88
COMPLETED BY H.B. GILES
TELEPHONE 616-465-5901

OPERATING STATUS.

1. Unit Name D. C. Cook Unit 1 -----
2. Reporting Period JUNE 1988 notes
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 _____

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	4367.0	118319.0
12. No. of Hrs. Reactor Was Critical	720.0	4314.3	86152.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	4302.0	84539.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1987237	12315350	245314348
17. Gross Elect. Energy Gen. (MWH)	638760	4006040	80150710
18. Net Elect. Energy Gen. (MWH)	612837	3850167	77081165
19. Unit Service Factor	100.0	98.5	72.7
20. Unit Availability Factor	100.0	98.5	72.7
21. Unit Capacity Factor (MDC Net)	83.4	86.4	65.0
22. Unit Capacity Factor (DER Net)	82.6	85.6	62.9
23. Unit Forced Outage Rate	0.0	0.6	8.0

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):
Ice Condenser surveillance outage to begin on December 16, 1988 for an estimated duration of 32 hours.

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

REPORT MONTH JUNE

DOCKET NO. 50-315
 UNIT NAME D.C. Cook Unit 1
 DATE 6-5-88
 COMPLETED BY M. Gausden
 TELEPHONE (616) 465-5901

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
270	880606	F	74.94	A	N/A	4,	HB	PIPEB	Reactor power was reduced to 30% to permit repair of a substantial steam leak on the east moisture separator-reheater shell drain tank vent connection at the MSR shell. The cause of the leak was determined to be erosion/corrosion. A weld irregularity was found that may have contributed to the failure. The vent line was repaired by welding a larger diameter pipe over the damaged pipe. Reactor power was returned to 90% on 880609.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Exemption
 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 POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
UNIT ONE
DATE 7/1/88
COMPLETED BY H.B. GILES
TELEPHONE 616-465-5901

MONTH JUNE 1988

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	915	17	911
2	918	18	910
3	918	19	908
4	918	20	903
5	918	21	901
6	754	22	896
7	253	23	903
8	252	24	912
9	593	25	905
10	917	26	910
11	915	27	917
12	914	28	913
13	912	29	907
14	911	30	916
15	906		
16	910		

Indiana Michigan
Power Company
Cook Nuclear Plant
P.O. Box 458
Bridgman, MI 49106
616 465 5901



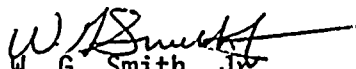
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

July 6, 1988

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 1988 is submitted.

Sincerely,


W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: D. H. Williams, Jr.
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