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SUBJECT: Monthly operating rept for Apr 1989 for DC Cook Nuclear
Plant Unit 1.W/890504 ltr.

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Indiana Michigan
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Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



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

May 4, 1989

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 April 1989 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'W. G. Smith, Jr.'.

W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: B. A. Svensson
NRC Region III
D. R. Hahn
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D. S. Climer
E. A. Smarrella
Dolly Krieger
T. R. Stephens

8906120244 890430
PDR ADOCK 05000315
R PDC

Handwritten initials 'JEP2A' with a vertical line through the 'A'.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 1-MAY-89
 COMPLETED BY H. Giles
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1 -----
 2. Reporting Period APR 89 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	719.0	2879.0	125615.0
12. No. of Hrs. Reactor Was Critical	0.0	1809.6	92081.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	1804.5	90423.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	0	4133062	261339477
17. Gross Elect. Energy Gen. (MWH)	0	1300260	85218460
18. Net Elect. Energy Gen. (MWH)	0	1236191	81934980
19. Unit Service Factor	0.0	62.7	73.2
20. Unit Availability Factor	0.0	62.7	73.2
21. Unit Capacity Factor (MDC Net)	0.0	42.1	65.0
22. Unit Capacity Factor (DER Net)	0.0	41.7	63.0
23. Unit Forced Outage Rate	0.0	1.4	7.9
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

25. If Shut Down At End of Report Period, Estimated Date of Startup:
 Estimated date for return to service--June 1989.

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 1-May-89
 COMPLETED BY H. Giles
 TELEPHONE 616-465-5901

MONTH APR 89

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0		
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO. 50-315
 UNIT NAME D.C. Cook Unit 1
 DATE May 4, 1989
 COMPLETED BY L. R. Stephens
 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
279 (cont)	890318	S	719.0	B&C	1	N/A	ZZ	ZZZZZZ	The unit was removed from service on 890318 for cycle XI refueling maintenance outage. The unit is in Mode 6 with the core off loaded.

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)

DOCKET NO: 50-315
UNIT NAME: D. C. Cook Unit 1
COMPLETED BY: T. R. Stephens
TELEPHONE: (616) 465-5901
DATE: May 4, 1989
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - APRIL 1989

HIGHLIGHTS:

The unit entered the reporting period with the reactor coolant system in Mode 6 and preparations underway to off-load the core. On 4-9-89 the fuel had been removed from the reactor vessel and placed in the spent fuel pit in preparation for maintenance on the reactor coolant pumps and other maintenance requiring reduced inventory in the RCS. The reporting period ended with preparations underway to refill the RCS and reload the core.

DETAILS

4-1-89	1041	Received load shed on Train 'B' safeguards bus.
	1308	Made 4 hour report to NRC on loss of power to Train B safeguards.
4-4-89	1830	Lifted head and set on stand.
	1901	Started flooding of reactor cavity.
	1915	Cavity flooded up.
4-6-89	0237	Started lowering level in refueling cavity in preparation to lift upper internals.
	1034	Upper internals are lifted and placed on storage rack.
4-9-89	0943	Core off loaded.
4-10-89	1742	Tripped CD D/G due to overspeed condition - frequency meter pegged high.
4-20-89	1445	Started draining reactor cavity to RWST.
	1600	Upper internals set back in place.
4-21-89	0925	Reactor head set back in place. No studs installed.
	1057	Began draining the RCS.
	2235	The RCS at half loop level.

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DOCKET NO. 50-315
UNIT NAME D. C. Cook - Unit No. 1
DATE May 4, 1989
COMPLETED BY T. R. Stephens
TELEPHONE (616) 465-5901
PAGE 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

APRIL 1989

1-I&C-1 Replaced the signal cable for the electronic overspeed device on the 1-CD diesel generator as a result of the 1-CD diesel generator overspeed.

