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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
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 BLIND, A. A. Indiana Michigan Power Co.
 RECIP. NAME: RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1992 for DC Cook Nuclear
 Plant Unit 2. W/921204 ltr.

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



INDIANA
MICHIGAN
POWER

December 4, 1992

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 2 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of November 1992 is submitted.

Respectfully,

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 03-Dec-92
 COMPLETED BY CB Zygmunt
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period November 92
3. Licensed Thermal Power (MWt) 3411
4. Name Plate Rating (Gross MWe) 1133
5. Design Electrical Rating (Net MWe) 1090
6. Maximum Dependable Capacity (GROSS MWe) 1100
7. Maximum Dependable Capacity (Net MWe) 1060
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	8041.0	130753.0
12. No. of Hrs. Reactor Was Critical	13.0	2425.4	85613.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	1415.6	83015.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1179	4030808	256725441
17. Gross Elect. Energy Gen. (MWH)	0	1229820	83497970
18. Net Elect. Energy Gen. (MWH)	0	1181454	80426326
19. Unit Service Factor	0.0	17.6	64.6
20. Unit Availability Factor	0.0	17.6	64.6
21. Unit Capacity Factor (MDC Net)	0.0	13.9	59.0
22. Unit Capacity Factor (DER Net)	0.0	13.4	57.4
23. Unit Forced Outage Rate	100.0	71.2	16.0
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____

To Be Determined

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. 50-316
UNIT TWO
DATE 03-Dec-92
COMPLETED BY CB Zygmunt
TELEPHONE 616-465-5901

MONTH November 92

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: November 1992

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT 2
DATE: December 4, 1992
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901

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
225	920908	F	720.0	B	1	N/A	N/A	N/A	Following the return to the plant and installation of the unit two main generator rotor, the reactor was taken critical on 921130. Reactor power was increased to approximately 8% to support turbine roll and main turbine generator vibration testing. The testing was in progress at the end of the reporting period.

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 (LER) File (NUREG 0161)	Exhibit I: Same Source

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901
DATE: December 4, 1992
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - NOVEMBER 1992

HIGHLIGHTS

The unit entered this reporting period in Mode 5, cold shutdown. The main generator rotor was returned to the site on November 5, 1992 and has been reinstalled.

The reactor was taken critical on November 30, 1992 followed by a power increase to 8% RTP for main turbine generator vibration testing. The unit exited this reporting period in Mode 1 with the reactor at 8% RTP and the testing in progress.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of November was 0 MWH.

DETAILS

11-6-92	1404	Notified NRC of potential unmonitored release of gas decay tank.
11-10-92	1142	Commenced RCS heatup.
	1224	The RCS is in Mode 4.
11-11-92	1056	Commenced RCS heatup.
	1138	The RCS is in Mode 3.
11-21-92	1929	Steam Generator Stop Valves declared inoperable due to plant conditions preventing the required surveillance test to be performed.
	2034	Commenced reactor startup, Mode 2 entry.
	2112	Reactor is Critical.
	2330	Review of Steam Generator Stop Valve technical specification identified that only one stop valve may be closed during mode change from Mode 3 to 2. Entered TS 3.0.3.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901
DATE: December 4, 1992
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MONTHLY OPERATING ACTIVITIES - NOVEMBER 1992

11-22-92	0021	Unusual Event declared, due to entry into TS 3.0.3 required shutdown.
	0032	The RCS is in Mode 3. Exited TS 3.0.3.
11-30-92	1014	Commenced reactor startup, Mode 2 entry.
	1102	Reactor is critical.
	2140	Commenced reactor power increase.
	2241	Reactor is in Mode 1.
	2400	Reactor power is at 8% RTP.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: December 4, 1992
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - November 1992

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