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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH. NAME: TURNER, D.G. AUTHOR AFFILIATION: Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME: RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1993 for DC Cook Nuclear
 Plant, unit 2. W/930405 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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



April 5, 1993

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 March 1993 is submitted.

Respectfully,

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
D.R. Hahn
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J.G. Keppler INPO Records Center
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 02-Apr-93
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period March 93
 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) 1090
 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	744.0	2160.0	133657.0
12. No. of Hrs. Reactor Was Critical	744.0	2160.0	88517.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	2160.0	85476.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2532127	7343176	264930948
17. Gross Elect. Energy Gen. (MWH)	836050	2428010	86182040
18. Net Elect. Energy Gen. (MWH)	810475	2353913	83026085
19. Unit Service Factor	100.0	100.0	65.1
20. Unit Availability Factor	100.0	100.0	65.1
21. Unit Capacity Factor (MDC Net)	99.9	100.0	59.5
22. Unit Capacity Factor (DER Net)	99.9	100.0	58.0
23. Unit Forced Outage Rate	0.0	0.0	16.0
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. 50-316
 UNIT TWO
 DATE 02-Apr-93
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

MONTH . March 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1094	17	1089
2	1094	18	1094
3	1090	19	1083
4	1092	20	1090
5	1092	21	1091
6	1091	22	1093
7	1094	23	1086
8	1094	24	1088
9	1086	25	1088
10	1089	26	1088
11	1090	27	1086
12	1089	28	1084
13	1088	29	1083
14	1091	30	1085
15	1091	31	1086
16	1092		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1993

UNIT NAME: D. C. COOK UNIT 2
DATE: April 6, 1993
COMPLETED BY: R. D. Reynnells
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
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None

There were no unit shutdown or
significant power reductions from
100% RTP this month.

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 1061)	Exhibit I: Same Source

DOCKET NO.: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
DATE: April 6, 1993
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1993

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 100% RTP.

The unit exited this reporting period in Mode 1 at 100% RTP.

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

Gross Electrical generation for the month of March was 836050 MWH.

DETAILS

03-29-93 1104 Unusual Event declared due to a failure in the rod control system.

03-29-93 1253 Exited Unusual Event, faulty fuse replaced in the rod control system.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: M. E. Russo
TELEPHONE: (616) 465-5901
DATE: April 5, 1992

PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - March 1993

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