

CATEGORY 1

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 AUTH. NAME AUTHOR AFFILIATION
 MINOR, J.W. Indiana Michigan Power Co.
 SAMPSON, J.R. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1997 for DC Cook Nuclear
 Plant Unit 2.W/970502 ltr.

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



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

May 2, 1997

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 April 1997 is submitted.

Sincerely,

J.R. Sampson
Plant Manager

/mr

Attachment

c: NRC Region III
D.R. Hahn
R.C. Callen
S. Hamming
INPO Records Center
ANI Nuclear Engineering Department
E.E. Fitzpatrick
A.A. Blind
P.A. Barrett
S.J. Brewer
D.W. Paul
J.A. Kobyra
D.L. Noble
W.H. Schalk
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B.L. Bartlett
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N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	May 2, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Apr-97
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

Notes:

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 Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	720.0	2880.0	169440.0
12. No. of Hrs. Reactor Was Critical	720.0	2754.2	118766.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	2717.5	115165.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2451401.1	8738130.9	355916397.9
17. Gross Electrical Energy Gen. (MWH)	809740.0	2878300.0	115382690.0
18. Net Electrical Energy Gen. (MWH)	783532.0	2781404.0	111163970.0
19. Unit Service Factor	100.0	94.4	69.0
20. Unit Availability Factor	100.0	94.4	69.0
21. Unit Capacity Factor (MDC Net)	102.7	91.1	62.7
22. Unit Capacity Factor (DER Net)	99.8	88.6	61.1
23. Unit Forced Outage Rate	0.0	5.6	14.0

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): _____
 Refueling outage to begin September 19, 1997 for an estimated duration of 48 days

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		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50 - 316
D.C. Cook Unit 2
May 2, 1997
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

APRIL 1997

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
4/1/97	1090	4/17/97	1086
4/2/97	1096	4/18/97	1086
4/3/97	1096	4/19/97	1092
4/4/97	1091	4/20/97	1093
4/5/97	1073	4/21/97	1093
4/6/97	1084	4/22/97	1093
4/7/97	1079	4/23/97	1092
4/8/97	1081	4/24/97	1093
4/9/97	1075	4/25/97	1089
4/10/97	1078	4/26/97	1090
4/11/97	1080	4/27/97	1089
4/12/97	1096	4/28/97	1088
4/13/97	1096	4/29/97	1084
4/14/97	1093	4/30/97	1084
4/15/97	1093		
4/16/97	1095		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE
PAGE

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D.C. Cook Unit 2
May 2, 1997
ME Russo
616-697-5100
1 of 1

MONTHLY OPERATING ACTIVITIES - APRIL 1997

HIGHLIGHTS

The unit entered this 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 April was 809740 MWh.

DETAILS

No details to report.

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2-t
DATE	May 2, 1997
COMPLETED BY	ME Russo
TELEPHONE	616-697-5100
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - APRIL 1997

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
None									There were no unit shutdowns or significant power reductions from 100% RTP this month.

1 TYPE: 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 SYSTEM: Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	5 COMPONENT: Exhibit I: Same Source
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