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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1993 for DC Cook Nuclear
 Plant Unit 2.W/930305 ltr.

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



March 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 February 1993 is submitted.

Respectfully,

A. Alan Blind
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 02-Mar-93

COMPLETED BY DG Turner

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period February 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	672.0	1416.0	132913.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	87773.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	672.0	1416.0	84732.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2282499	4811049	262398821
17. Gross Elect. Energy Gen. (MWH)	754450	1591960	85345990
18. Net Elect. Energy Gen. (MWH)	731377	1543438	82215610
19. Unit Service Factor	100.0	100.0	64.9
20. Unit Availability Factor	100.0	100.0	64.9
21. Unit Capacity Factor (MDC Net)	99.8	100.0	59.3
22. Unit Capacity Factor (DER Net)	99.8	100.0	57.8
23. Unit Forced Outage Rate	0.0	0.0	16.1
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-Mar-93
COMPLETED BY DG Turner
TELEPHONE 616-465-5901

MONTH February 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1079	17	1097
2	1090	18	1097
3	1086	19	1096
4	1080	20	1092
5	1086	21	1095
6	1051	22	1093
7	1049	23	1092
8	1094	24	1092
9	1085	25	1095
10	1095	26	1088
11	1092	27	1088
12	1092	28	1095
13	1092		
14	1093		
15	1098		
16	1092		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: FEBRUARY 1993

UNIT NAME: D. C. COOK UNIT 2
DATE: March 8, 1993
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
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: G. J. Costello
TELEPHONE: (616) 465-5901
DATE: March 8, 1993
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - FEBRUARY 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 February was 754450 MWH.

DETAILS

02-06-93	0700	Commenced reactor power decrease to 95% RTP to place MSR's in service.
02-07-93	0905	MSR's in service, commenced reactor power increase.
	1400	Reactor power is at 100% RTP.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: March 5, 1992
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - February 1993

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