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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1991 for DC Cook Unit 2.W/
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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



May 7, 1991

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 April 1991 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 01-May-91

COMPLETED BY WT GILLET

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period APR.91
3. Licensed Thermal Power (MWt) 3411
4. Name Plate Rating (Gross MWe) 1133
5. Design Electrical Rating (Net MWe) 1100
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	719.0	2879.0	116831.0
12. No. of Hrs. Reactor Was Critical	719.0	2826.7	77961.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	719.0	2821.4	76407.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2447136	9332322	235499375
17. Gross Elect. Energy Gen. (MWH)	802590	3074310	76861150
18. Net Elect. Energy Gen. (MWH)	776026	2969933	74028900
19. Unit Service Factor	100.0	98.0	66.8
20. Unit Availability Factor	100.0	98.0	66.8
21. Unit Capacity Factor (MDC Net)	101.8	97.3	61.0
22. Unit Capacity Factor (DER Net)	98.1	93.8	59.4
23. Unit Forced Outage Rate	0.0	2.0	13.2
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 01-May-91
COMPLETED BY WT GILLET
TELEPHONE 616-465-5901

MONTH APR. 91

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1084	17	1119
2	1087	18	1083
3	1085	19	1073
4	1081	20	1078
5	1066	21	1079
6	1123	22	1093
7	983	23	1070
8	1116	24	1095
9	1073	25	1068
10	1074	26	1086
11	1080	27	1079
12	1076	28	1078
13	1076	29	1079
14	1076	30	1079
15	1026		
16	1071		



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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: April 1991

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT 2
DATE: May 7, 1991
COMPLETED BY: E.C. Schimmel
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 shutdowns or significant power reductions from the maximum power level of 100% during the month.

¹
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
Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)

⁵
Exhibit I: Same Source

DOCKET NO. 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: May 7, 1991
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - April 1991

HIGHLIGHTS

The unit entered the reporting period at 100% RTP and exited the reporting period at 100% RTP, with no significant load changes.

Gross electrical generation for the month of April was 802590 MWH.

DETAILS

There were no significant operational events during the month of April.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: May 7, 1991
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - April 1991

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