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AUTH. NAME AUTHOR AFFILIATION
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BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1993 for DC Cook Nuclear
Plant, unit 1. W/930505 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



May 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 1 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of April 1993 is submitted.

Respectfully,

A handwritten signature in cursive script that reads 'A. Alan Blind'.

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
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TE2411

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 04-May-93
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period April 93
 3. Licensed Thermal Power (MWt) 3250
 4. Name Plate Rating (Gross MWe) 1152
 5. Design Electrical Rating (Net MWe) 1020
 6. Maximum Dependable Capacity (GROSS MWe) 1056
 7. Maximum Dependable Capacity (Net MWe) 1020
 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	160680.0
12. No. of Hrs. Reactor Was Critical	719.0	2879.0	119773.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	719.0	2879.0	117727.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2328589	9183767	344626090
17. Gross Elect. Energy Gen. (MWH)	759450	2991700	111935060
18. Net Elect. Energy Gen. (MWH)	733331	2886706	107649071
19. Unit Service Factor	100.0	100.0	74.2
20. Unit Availability Factor	100.0	100.0	74.2
21. Unit Capacity Factor (MDC Net)	100.0	98.3	66.6
22. Unit Capacity Factor (DER Net)	100.0	98.3	64.9
23. Unit Forced Outage Rate	0.0	0.0	6.3
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. 50-315
 UNIT ONE
 DATE 04-May-93
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

MONTH April 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1023	17	1022
2	1026	18	1021
3	1022	19	1022
4	1025	20	1021
5	1023	21	1024
6	1023	22	1025
7	1021	23	1010
8	1022	24	994
9	1024	25	1020
10	1024	26	1020
11	1019	27	1022
12	1021	28	1011
13	1021	29	964
14	1023	30	1017
15	1022		
16	1024		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1993

UNIT NAME: D. C. COOK UNIT 1
DATE: May 7, 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.: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
DATE: May 7, 1993
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - APRIL 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 759450 MWH.

DETAILS

04-23-93 0700 Boric Acid Blender tagged out for maintenance, reactor power allowed to sag.

04-24-93 0100 Reactor power is at 95% RTP.

0123 Blender repairs complete, commenced reactor power increase to 100% RTP.

1535 Reactor power is at 100% RTP.

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: M. E. Russo
TELEPHONE: (616) 465-5901
DATE: May 5, 1992
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - April 1993

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