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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 Feb 1993 for DC Cook Nuclear
 Plant Unit 1. W/930305 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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March 1961

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 1 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of February 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
D.R. Hahn
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INPO Records Center
ANI Nuclear Engineering Department
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Handwritten initials 'JE24' followed by a vertical line and the number '11'.

1980

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 02-Mar-93

COMPLETED BY DG Turner

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period February 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	672.0	1416.0	159217.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	118310.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	672.0	1416.0	116264.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2030785	4443169	339885492
17. Gross Elect.. Energy Gen. (MWH)	657620	1444310	110387670
18. Net Elect. Energy Gen. (MWH)	633026	1392514	106154879
19. Unit Service Factor	100.0	100.0	74.0
20. Unit Availability Factor	100.0	100.0	74.0
21. Unit Capacity Factor (MDC Net)	92.4	96.4	66.3
22. Unit Capacity Factor (DER Net)	92.4	96.4	64.6
23. Unit Forced Outage Rate	0.0	0.0	6.4
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 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	1022	17	923
2	1025	18	1025
3	1023	19	1023
4	1023	20	1021
5	1023	21	1022
6	1013	22	1020
7	1019	23	1022
8	1016	24	1025
9	1015	25	1020
10	1020	26	1020
11	1020	27	998
12	902	28	1023
13	533		
14	530		
15	519		
16	532		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: FEBRUARY 1993

UNIT NAME: D. C. COOK UNIT 1
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
305	930212	S	N/A	B	N/A	N/A	N/A	N/A	The reactor power was reduced to 57% RTP on 930212 to accommodate the removal of one main feed pump from service at a time for planned maintenance activities. Reactor power was returned to 100% RTP on 930217.

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 1061)	5 Exhibit I: Same Source
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DOCKET NO.: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901
DATE: March 8, 1993
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - FEBRUARY 1993

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 100% RTP. On 02-12-93 reactor power was reduced to 57% RTP to accommodate the removal of one main feed pump from service at a time for planned maintenance activities. The Unit was returned to 100% RTP 02-17-93.

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 657620 MWH.

DETAILS

02-12-93 1500 Commenced reactor power decrease to remove the west main feed pump from service.
2210 Stabilized reactor power at 57% RTP.

02-14-93 1240 West main feed pump in service, east main feed pump removed from service.

02-16-93 1713 Placing east main feedpump in service.
1925 Commenced reactor power increase.

02-17-93 0445 Stopped reactor power increase at 86% RTP due to a problem with a turbine auxiliary cooling water system valve.
1048 Commenced reactor power increase.
1445 Reactor power is at 100% RTP.

02-26-93 2241 Commenced reactor power decrease to 90% RTP for main turbine valve testing.

02-27-93 0032 Reactor power is at 90% RTP.
0342 Commenced reactor power increase.
0615 Reactor power is at 100% RTP.



DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: E.C. Schimmel
TELEPHONE: (616) 465-5901
DATE: March 5, 1993
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - February 1993

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