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 AUTH. NAME AUTHOR AFFILIATION  
 JANISSE, J.D. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 REYNNELLS, R.D. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1994 for DC Cook Nuclear  
 Plant Unit 2.W/940408 ltr.

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



April 8, 1994

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 March 1994 is submitted.

Respectfully,

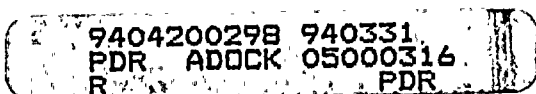
A handwritten signature in cursive script, appearing to read 'A.A. Blind'.

A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
J.G. Keppler  
INPO Records Center  
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E.E. Fitzpatrick  
R.L. Simms  
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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 01/Apr/94

COMPLETED BY JD Janisse

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period MAR 94  
 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  
 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	744.0	2160.0	142416.0
12. No. of Hrs. Reactor Was Critical	76.1	1212.1	96061.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	1116.9	92892.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	13835	2860598	284974693
17. Gross Elect. Energy Gen. (MWH)	0	904970	92512870
18. Net Elect. Energy Gen. (MWH)	0	866986	89092968
19. Unit Service Factor	0.0	51.7	66.3
20. Unit Availability Factor	0.0	51.7	66.3
21. Unit Capacity Factor (MDC Net)	0.0	37.9	59.9
22. Unit Capacity Factor (DER Net)	0.0	36.8	58.4
23. Unit Forced Outage Rate	100.0	44.2	15.8

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Refueling outage to begin August 30, 1994 for an estimated duration of 70 days.

25. If Shut Down At End of Report Period, Estimated Date of Startup:  
April 13, 1994

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  
11/Apr/94  
JD Janisse  
TELEPHONE 616-465-5901

MAR 94

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
94/03/01	0	94/03/17	0
94/03/02	0	94/03/18	0
94/03/03	0	94/03/19	0
94/03/04	0	94/03/20	0
94/03/05	0	94/03/21	0
94/03/06	0	94/03/22	0
94/03/07	0	94/03/23	0
94/03/08	0	94/03/24	0
94/03/09	0	94/03/25	0
94/03/10	0	94/03/26	0
94/03/11	0	94/03/27	0
94/03/12	0	94/03/28	0
94/03/13	0	94/03/29	0
94/03/14	0	94/03/30	0
94/03/15	0	94/03/31	0
94/03/16	0		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1994

UNIT NAME: D. C. COOK UNIT 2  
DATE: April 2, 1994  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
PAGE 1 OF 1

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
234	940221	F	744	H	3	94-01/U-2	SB	ISV	The unit remained off line throughout this entire reporting period. The reactor was started up on 940303, however problems with the main generator rotor prevented the unit from being paralleled to the grid.

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: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: April 2, 1994  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 3 at 0% RTP. During main turbine roll up on March 3, 1994 the turbine was manually tripped due to high vibrations. Subsequent turbine testing through March 6, 1994 identified unrepairable problems with the generator rotor.

The unit exited this reporting period in Mode 4 at 0% RTP.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross Electrical generation for the month of March was 0 MWH.

DETAILS

03-03-94	1237	The reactor is in Mode 2.
	1324	The reactor is Critical.
	1942	The reactor is in Mode 1.
03-04-94	1706	Manually tripped the main turbine due to high vibration.
	1727	The reactor is in Mode 2.
03-06-94	0854	The reactor is in Mode 1.
	1015	Main turbine off turning gear. Turbine rolled to investigate high vibration concerns.
	1640	Manually tripped main turbine.
	1708	The reactor is in Mode 2.
	1728	The reactor is in Mode 3.
03-24-94	0158	Commenced RCS cooldown to Mode 4.
	0550	The RCS is in Mode 4.

