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 JANISSE, J.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 Feb 1994 for DCP Unit 1.
 W/940307 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



March 7, 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 1 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of February 1994 is submitted.

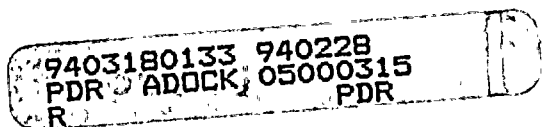
Respectfully,

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

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
D.R. Hahn
R.C. Callen
S. Hamming
J.G. Keppler
INPO Records Center
ANI Nuclear Engineering Department
E.E. Fitzpatrick
R.L. Simms
W.G. Smith, Jr.
S.J. Brewer
D.W. Paul
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 02/Mar/94
 COMPLETED BY JD Janisse
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period FEB 94
 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) 1000
 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	167976.0
12. No. of Hrs. Reactor Was Critical	269.1	1013.1	126667.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	269.0	1013.0	124621.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	515939	2226409	365752184
17. Gross Elect. Energy Gen. (MWH)	160930	700060	118722720
18. Net Elect. Energy Gen. (MWH)	151919	666378	114188176
19. Unit Service Factor	40.0	71.5	75.1
20. Unit Availability Factor	40.0	71.5	75.1
21. Unit Capacity Factor (MDC Net)	22.6	47.1	67.7
22. Unit Capacity Factor (DER Net)	22.2	46.1	65.9
23. Unit Forced Outage Rate	0.0	0.0	6.0
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:
 April 18, 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. 50-315
UNIT ONE
02/Mar/94 02/Mar/94
JD Janisse JD Janisse
TELEPHONE 616-465-5901

FEB 94

FEB 94

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
02/01/94	635	02/17/94	0
02/01/94	625	02/18/94	0
02/03/94	615	02/19/94	0
02/04/94	608	02/20/94	0
02/05/94	592	02/21/94	0
02/06/94	537	02/22/94	0
02/07/94	532	02/23/94	0
02/08/94	532	02/24/94	0
02/09/94	532	02/25/94	0
02/10/94	532	02/26/94	0
02/11/94	531	02/27/94	0
02/12/94	59	02/28/94	0
02/13/94	0		
02/14/94	0		
02/15/94	0		
02/16/94	0		

DOCKET NO.: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
DATE: March 7, 1994
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - FEBRUARY 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 66% RTP.

The unit exited this reporting period in Mode 6 at 0% RTP.

The unit was removed from service February 12, 1994, followed by the reactor coolant system being cooled down to Mode 5 for the unit maintenance/refueling outage. The unit ended the reporting period in Mode 6 with the fuel off loaded.

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

Gross Electrical generation for the month of February was 160930 MWH.

DETAILS

02-12-94	0000	Commenced unit shutdown for maintenance/refueling outage.
	0457	Tripped the Main Turbine-Generator.
	0505	Entered Mode 2.
	0517	The RCS is in Mode 3.
	1050	Commenced RCS cooldown.
	1754	The RCS is in Mode 4.
02-13-94	2200	The RCS is in Mode 5.
02-18-94	1212	The RCS is in Mode 6.
02-23-94	1651	Commenced fuel off load from the core to the spent fuel pool.
02-26-94	0458	Fuel off load is complete, all fuel assemblies are stored in the spent fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: FEBRUARY 1994

UNIT NAME: D. C. COOK UNIT 1
DATE: March 7, 1994
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
Page 1 of 1

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
308	940212	S	403.0	C	1	N/A	N/A	N/A	The end of core power coastdown was terminated on 940212 at 0000 hours when the power reduction was started to remove the unit from service for the maintenance/refueling outage.

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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