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 AUTH. NAME AUTHOR AFFILIATION
 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 Jan 1991 for DC Cook Unit 2.W/
 910207 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



February 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 January 1991 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
EPRI - Nuclear Safety Analysis Center
R.C. Callen
S.L. Hall
J.G. Keppler
INPO Records Center
ANI Nuclear Engineering Department
D.H. Williams, Jr.
M.P. Alexich
J.F. Kurgan
J.J. Markowsky
D.A. Timberlake
D.W. Paul
T.O. Argenta
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J.A. Isom
W.T. Gillett
E.A. Smarrella
J.C. Krieger
B.A. Svensson
D.F. Krause
E.C. Schimmel

9102250017 910131
PDR ADOCK 05000314
R PDR

Handwritten initials, possibly 'TJ' or 'TP', with a vertical line through them.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 01-Feb-91
 COMPLETED BY JD JANISSE
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period JAN.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	744.0	744.0	114696.0
12. No. of Hrs. Reactor Was Critical	744.0	744.0	75878.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	744.0	74329.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2533040	2533040	228700093
17. Gross Elect. Energy Gen. (MWH)	840020	840020	74626860
18. Net Elect. Energy Gen. (MWH)	812567	812567	71871534
19. Unit Service Factor	100.0	100.0	66.2
20. Unit Availability Factor	100.0	100.0	66.2
21. Unit Capacity Factor (MDC Net)	103.0	103.0	60.3
22. Unit Capacity Factor (DER Net)	99.3	99.3	58.7
23. Unit Forced Outage Rate	0.0	0.0	13.5
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

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-Feb-91
COMPLETED BY JD JANISSE
TELEPHONE 616-465-5901

MONTH JAN.91

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1094	17	1093
2	1090	18	1094
3	1092	19	1094
4	1095	20	1095
5	1093	21	1095
6	1096	22	1093
7	1093	23	1086
8	1094	24	1089
9	1091	25	1088
10	1097	26	1086
11	1094	27	1092
12	1095	28	1089
13	1094	29	1088
14	1092	30	1091
15	1093	31	1086
16	1095		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: January 1991

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT '2
DATE: February 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
None									
There were no unit shutdowns or significant power reductions from the maximum power level of 100% during the 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 0161)	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: February 7, 1991
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - January 1991

HIGHLIGHTS

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

Gross electrical generation for the month of January was 840020 MWH.

DETAILS

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

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PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - January 1991

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

