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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 Nov 1995 for Donald C Cook  
 Nuclear Plant Unit 2.W/951204 ltr.

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



December 4, 1995

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  
November 1995 is submitted.

Respectfully,

*A. Alan Blind*  
A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
INPO Records Center  
ANI Nuclear Engineering Department  
E.E. Fitzpatrick  
W.G. Smith, Jr.  
S.J. Brewer  
D.W. Paul  
S.H. Steinhart  
J.L. Leichner  
B.L. Bartlett  
D.G. Turner  
Visitor Center Manager  
M.E. Russo

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R PDR

*JE24*

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316  
 DATE 04/Dec/95  
 COMPLETED BY JD Janisse  
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period Nov 1995
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	720.0	8016.0	157032.0
12. No. of Hrs. Reactor Was Critical	720.0	7563.8	107580.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	7526.6	104061.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2448176	25047109	319145291
17. Gross Elect. Energy Gen. (MWH)	801230	8080010	103387000
18. Net Elect. Energy Gen. (MWH)	775854	7809869	99567304
19. Unit Service Factor	100.0	93.9	67.3
20. Unit Availability Factor	100.0	93.9	67.3
21. Unit Capacity Factor (MDC Net)	101.7	91.9	60.6
22. Unit Capacity Factor (DER Net)	98.9	89.4	59.1
23. Unit Forced Outage Rate	0.0	6.1	15.2

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Refueling outage to begin March 23, 1996 for an estimated duration of 50 days.

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 04/Dec/95  
COMPLETED BY JD Janisse  
TELEPHONE 616-465-5901

MONTH Nov 1995

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
95/11/01	1070	95/11/17	1070
95/11/02	1062	95/11/18	1051
95/11/03	1059	95/11/19	1081
95/11/04	1075	95/11/20	1085
95/11/05	1079	95/11/21	1084
95/11/06	1075	95/11/22	1087
95/11/07	1080	95/11/23	1086
95/11/08	1082	95/11/24	1085
95/11/09	1073	95/11/25	1089
95/11/10	1067	95/11/26	1080
95/11/11	1083	95/11/27	1085
95/11/12	1079	95/11/28	1086
95/11/13	1074	95/11/29	1084
95/11/14	1082	95/11/30	1087
95/11/15	1074		
95/11/16	1074		

DOCKET NO: 50-316  
UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: M.E. Russo  
TELEPHONE: 616-465-5901  
DATE: December 4, 1995  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - NOVEMBER 1995

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 100% RTP.

Reactor power was decreased to 95% RTP November 17, 1995 at 0021 to place Moisture Separator Reheaters in service. Power ascension to 100% RTP commenced November 17, 1995 at 1455 and was attained November 17, 1995 at 1635.

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 November was 801230 MWH.

DETAILS

11-16-95	2110	Commenced Reactor power decrease to 95% RTP to place Moisture Separator Reheaters in service.
11-17-95	0021	Reactor power stabilized at 95% RTP.
	1455	Commenced Reactor power ascension to 100% RTP.
	1635	Reactor power stabilized at 100% RTP.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: NOVEMBER 1995

UNIT NAME: D.C. COOK UNIT 2  
 DATE: December 4, 1995  
 COMPLETED BY: M.E. Russo  
 TELEPHONE: 616-465-5901  
 PAGE: 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
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None

There were no unit shutdowns 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 0161)	Exhibit I: Same Source

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