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GILES,H. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
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RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1988 for DC Cook Unit 2.
W/890106 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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	NRR/DOEA/EAB 11	1	1	NRR/DREP/RPB 10	1	1
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
DATE 02-Jan-89
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period DEC 88
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

notes

8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons

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	8784.0	96432.0
12. No. of Hrs. Reactor Was Critical	0.0	2715.5	63595.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	2715.1	62210.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	0	7410980	189566377
17. Gross Elect. Energy Gen. (MWH)	0	2419600	61896220
18. Net Elect. Energy Gen. (MWH)	0	2323265	59584665
19. Unit Service Factor	0.0	30.9	66.1
20. Unit Availability Factor	0.0	30.9	66.1
21. Unit Capacity Factor (MDC Net)	0.0	25.0	59.7
22. Unit Capacity Factor (DER Net)	0.0	24.0	58.2
23. Unit Forced Outage Rate	0.0	0.0	14.5

24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration):

25. If Shut Down At End of Report Period, Estimated Date of Startup:
Estimated date for return to service is February 1989.

26. Units in Test Status (Prior to Commercial Operation):

	Forcast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

IE24

1/1

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 02-Jan-89
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

MONTH DEC 88

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO. 50-316
UNIT NAME D.C. Cook-Unit 2
DATE 1-6-89
COMPLETED BY T.R. Stephens
TELEPHONE (616) 465-5901

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
189 (cont'd)	880423	S	744	B&C	1	N/A	ZZ	ZZZZZZ	The unit was removed from service on 880423 for cycle 6-7. Refueling and steam generator repair project. The reactor core is currently unloaded. The expected date for return to service is February 1989.

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & 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-0161)

5
Exhibit I - Same Source

(9/77)

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: T. R. Stephens
TELEPHONE: (616) 465-5901
DATE: January 6, 1989
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - DECEMBER 1988

HIGHLIGHTS

The steam generator repair project continues to proceed. Steam generator replacement has been completed. Hydro testing of the steam generators has been successfully completed and eddy current examination of all steam generator tubes has been completed. The steam generators were placed in wet lay-up on December 13.

The anticipated return to service for the unit is February 1989.

DOCKET NO.	50-316
UNIT NAME	D.C.Cook-Unit No. 2
DATE	January 6, 1989
COMPLETED BY	T. R. Stephens
TELEPHONE	(616) 465-5901
PAGE	1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

DECEMBER 1988

2-M-1 Pressurizer power operated relief valves, 2-NRV-151 and 2-NRV-153, were leaking by and were repaired by replacing the valve stem, plug and seat ring.

2-M-2 Inspected the #21 Reactor Coolant Pump lower motor bearing and replaced bearing shoes as required.

2-M-3 Repaired weld leak on 4 inch pipe cap on 12 inch component cooling water supply line to the south spent fuel pit heat exchanger. Leak was discovered during the system hydro testing.

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

INDIANA
MICHIGAN
POWER

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

January 6, 1989

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 December 1988 is submitted.

Sincerely,

W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: D. H. Williams, Jr.
M. P. Alexich
C. A. Erikson
J. J. Markowsky
D. A. Timberlake
B. L. Jorgensen
P. A. Barrett
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INPO Records Center
ANI Nuclear Engineering Department
NRC Region III
EPRI--Nuclear Safety Analysis Center

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