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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1989 for DC Cook Unit 2.
 W/890602 ltr.

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



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

June 2, 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 May 1989 is submitted.

Sincerely,

A handwritten signature in dark ink, appearing to read 'W. G. Smith, Jr.'.

W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: B. A. Svensson
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EPRI--Nuclear Safety Analysis Center
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 01-Jun-89

COMPLETED BY H. Giles

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----
 2. Reporting Period MAY 89 notes
 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 _____

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	3623.0	100055.0
12. No. of Hrs. Reactor Was Critical	744.0	1858.4	65453.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	1808.7	64018.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2530450	5594510	195160887
17. Gross Elect. Energy Gen. (MWH)	834020	1832550	63728770
18. Net Elect. Energy Gen. (MWH)	807301	1766951	61351616
19. Unit Service Factor	100.0	49.9	65.5
20. Unit Availability Factor	100.0	49.9	65.5
21. Unit Capacity Factor (MDC Net)	102.4	46.0	59.2
22. Unit Capacity Factor (DER Net)	98.6	44.3	57.7
23. Unit Forced Outage Rate	0.0	0.2	14.2
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-Jun-89
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

MONTH MAY 89

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1099	17	1091
2	1100	18	1089
3	1098	19	1082
4	1098	20	1077
5	1097	21	1082
6	1093	22	1082
7	1089	23	1079
8	1102	24	1061
9	1096	25	1065
10	1094	26	1079
11	1096	27	1070
12	1097	28	1070
13	1062	29	1068
14	1096	30	1069
15	1094	31	1076
16	1089		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY 1989

DOCKET NO. 50-316
 UNIT NAME D.C. Cook Unit 2
 DATE June 2, 1989
 COMPLETED BY T.R. Stephens
 TELEPHONE (616) 495-5901

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
None									There were no unit shutdowns or significant power reductions from the maximum power level of 100% during the month.

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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

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

MONTHLY OPERATING ACTIVITIES - MAY 1989

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 May was 834020 MWH.

DETAILS

There were no significant operation events during the month of May.

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study.

3. The third part of the report is a detailed description of the results of the study. It discusses the findings of the research and the conclusions drawn from the data.

4. The fourth part of the report is a discussion of the implications of the study and the conclusions drawn from the data.

5. The fifth part of the report is a conclusion and a summary of the findings of the study.

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

MAJOR SAFETY-RELATED MAINTENANCE

MAY 1989

There were no significant safety related maintenance problems reported during the month of May.

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