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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1989 for DC Cook Nuclear
 Plant Unit 2.W/890206.ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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 [signature]*

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

February 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 January 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
NRC Region III
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 01-Feb-89

COMPLETED BY H. Giles

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----
 2. Reporting Period JAN 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	744.0	97176.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	63595.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	0.0	62210.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	0	0	189566377
17. Gross Elect. Energy Gen. (MWH)	0	0	61896220
18. Net Elect. Energy Gen. (MWH)	0	0	59584665
19. Unit Service Factor	0.0	0.0	65.6
20. Unit Availability Factor	0.0	0.0	65.6
21. Unit Capacity Factor (MDC Net)	0.0	0.0	59.2
22. Unit Capacity Factor (DER Net)	0.0	0.0	57.8
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 March 1, 1989.

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY

DOCKET NO. 50-316
 UNIT NAME D.C. Cook Unit 2
 DATE February 6, 1989
 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 reloading was completed January 20, 1989. The expected date for return to service is March 1, 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)

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 01-Feb-89
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

MONTH JAN 89

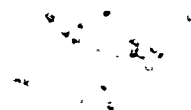
DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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

MONTHLY OPERATING ACTIVITIES - JANUARY 1989

HIGHLIGHTS

The major work items of the steam generator repair project/refueling outage have been completed. The core reloading was completed on January 20, 1989 and the reactor coolant system enter Mode 5 at 1704 hours on January 26. Startup and surveillance testing is in progress.



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

MAJOR SAFETY-RELATED MAINTENANCE

JANUARY 1989

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

