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ACCESSION NBR: 8906140284 DOC. DATE: 89/05/31 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1989 for DC Cook Unit 1.
 W/890602 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



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 1
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.' with a stylized flourish at the end.

W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: B. A. Svensson
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 01-Jun-89
 COMPLETED BY H. Giles
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1 -----
 2. Reporting Period MAY 89 | notes
 3. Licensed Thermal Power (MWt) 3250 |
 4. Name Plate Rating (Gross MWe) 1152 |
 5. Design Electrical Rating (Net MWe) 1030 |
 6. Maximum Dependable Capacity (GROSS MWe) 1056 |
 7. Maximum Dependable Capacity (Net MWe) 1020 -----
 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	126359.0
12. No. of Hrs. Reactor Was Critical	0.0	1809.6	92081.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	1804.5	90423.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	0	4133062	261339477
17. Gross Elect. Energy Gen. (MWH)	0	1300260	85218460
18. Net Elect. Energy Gen. (MWH)	0	1236191	81934980
19. Unit Service Factor	0.0	49.8	72.7
20. Unit Availability Factor	0.0	49.8	72.7
21. Unit Capacity Factor (MDC Net)	0.0	33.5	64.6
22. Unit Capacity Factor (DER Net)	0.0	33.1	62.6
23. Unit Forced Outage Rate	0.0	1.4	7.9
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--June 19, 1989.

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. 50-315
 UNIT ONE
 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	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 MAY 1989

DOCKET NO. 50-315
 UNIT NAME D.C. Cook Unit 1
 DATE June 2, 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
279 (cont)	890318	S	744	B&C	1	N/A	ZZ	ZZZZZZ	The unit was removed from service on 890318 for cycle XI refueling and maintenance outage. The unit is in Mode 5 with the core loaded. RCS is filled to a pressurizer level of 30% (cold cal.) waiting completion of post refueling surveillances and performance testing.

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: 50-315
UNIT NAME: D. C. Cook Unit 1
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 with the Reactor Coolant System in Mode 6 with the fuel off-loaded. Core load was completed on 5/19/89. The reporting period ended with the RCS in Mode 5 with a pressurizer level of 30% (cold cal.). The unit is currently completing post refueling surveillances and performance testing prior to entry into Mode 4.

DETAILS

5-8-89	0228	Commenced RCS fill.
	0605	The RCS at half loop.
5-9-89	2157	Reactor head lifted.
5-10-89	0310	Upper internals set.
5-13-89	1245	Commenced core reload.
5-19-89	0937	Core load complete.
5-21-89	0830	Reactor head set.
5-24-89	1920	Entered Mode 5 (First 3 reactor stud retensioned to the first pass).
5-27-89	2345	Commenced filling RCS.
5-28-89	0215	Stopped filling RCS Pressurizer level 40% cold cal.

1. The first part of the report
 2. The second part of the report
 3. The third part of the report
 4. The fourth part of the report
 5. The fifth part of the report

THE SECOND PART OF THE REPORT

1. The first part of the report

The second part of the report is devoted to a detailed description of the experimental results. It begins with a summary of the data obtained from the experiments, followed by a discussion of the results in relation to the theoretical predictions. The results are then compared with those obtained in previous experiments, and the conclusions are drawn.

1. The first part of the report

1. The first part of the report	2. The second part of the report
3. The third part of the report	4. The fourth part of the report
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11. The eleventh part of the report	12. The twelfth part of the report
13. The thirteenth part of the report	14. The fourteenth part of the report
15. The fifteenth part of the report	16. The sixteenth part of the report
17. The seventeenth part of the report	18. The eighteenth part of the report
19. The nineteenth part of the report	20. The twentieth part of the report

DOCKET NO.	<u>50-315</u>
UNIT NAME	<u>D. C. Cook - Unit No. 1</u>
DATE	<u>June 2, 1989</u>
COMPLETED BY	<u>T. R. Stephens</u>
TELEPHONE	<u>(616) 465-5901</u>
PAGE	<u>1 of 1</u>

MAJOR SAFETY-RELATED MAINTENANCE

MAY 1989

- 1-MNT-1 AB emergency diesel generator governor linkage adjusted to match Worthington drawings.
- 1-I&C-1 Replaced the low voltage signal processor power supply to N23 source range indicators.

1. The first part of the report
describes the general situation
of the country and the
state of the economy.
It also mentions the
main problems facing the
country.

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survey conducted in the
country. It also mentions the
main findings of the survey.

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recommendations made by the
survey team.

5. The fifth part of the report
describes the progress of the
implementation of the
recommendations made by the
survey team.

6. The sixth part of the report
describes the final results of the
survey and the conclusions of the
survey team.

7. The seventh part of the report
describes the final conclusions of the
survey and the recommendations
made by the survey team.

8. The eighth part of the report
describes the final conclusions of the
survey and the recommendations
made by the survey team.