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ACCESSION NBR: 8901180040 DOC. DATE: 88/05/31 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 GILES, H.B. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1988 for DC Cook Unit 2.W/
 880603 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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MOR
PAW

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
DATE 1 JUNE 88
COMPLETED BY H.B. GILES
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----
2. Reporting Period MAY 1988 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	3647.0	91295.0
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	74.4	70.0
20. Unit Availability Factor	0.0	74.4	70.0
21. Unit Capacity Factor (MDC Net)	0.0	60.1	63.3
22. Unit Capacity Factor (DER Net)	0.0	57.9	61.7
23. Unit Forced Outage Rate	ERR	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 of startup is February of 1989.

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

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

JE 24
111

8901180040 880531
PDR ADOCK 05000316
R PDC

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 1 JUNE 88
COMPLETED BY H.B. GILES
TELEPHONE 616-465-5901

MONTH MAY 1988

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

DOCKET NO. 50-316
 UNIT NAME D. C. Cook Unit 2
 DATE 6-3-88
 COMPLETED BY R. Cessna
 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	880423	S	744.0	B&C	1	NONE	ZZ	ZZZZZZ	On 4-23-88 the unit was removed from service for the steam generator replacement/refueling outage. The reporting period ended with the reactor core unloaded. The expected date for return to service is Feb. 1989.

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

(9/77)

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: R. Cessna
TELEPHONE: (616) 465-5901
DATE: June 3, 1988
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - MAY 1988

HIGHLIGHTS

The reporting period began with RCS in Mode 5 draining to half Loop. The RCS entered mode 6 on 05-06-88.

On 05-22-88 the reactor vessel head was removed. The control rod drives were unlatched and removed on 5-24-88. The upper internals of the reactor vessel were removed and fuel unloading began on 5-25-88. The reporting period ended with the completion of fuel unloading on 5-29-88.

Gross electrical generation for the month of May was 0 MWH.

DETAILS

05-06-88	1652	RCS enters mode 6.
05-09-88	1152	Reactor vessel head removed to repair stud #11.
05-18-88	0228	Reactor vessel head was replaced.
05-22-88	1957	Reactor vessel head was removed for fuel unload.
05-25-88	0147	Upper internals removed.
	1332	Started fuel unloading.
05-29-88	0747	Fuel unloading completed.

DOCKET NO.	<u>50-316</u>
UNIT NAME	<u>D.C.Cook-Unit No. 2</u>
DATE	<u>June 3, 1988</u>
COMPLETED BY	<u>R. Cessna</u>
TELEPHONE	<u>(616) 465-5901</u>
PAGE	<u>1 of 1</u>

MAJOR SAFETY-RELATED MAINTENANCE

MAY 1988

- M-1 CVCS letdown safety valve, 2-SV-51 suspected of leaking by at normal operating letdown pressure. Replaced nozzle, disc, and gaskets. Valve tested satisfactorily.
- M-2 The East Centrifugal Charging Pump outboard mechanical seal was leaking. The mechanical seal was replaced which stopped the seal leakage.

Indiana Michigan
Power Company
Cook Nuclear Plant
P.O. Box 458
Bridgman, MI 49106
616 465 5901



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

June 3, 1988

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 1988 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: D. H. Williams, Jr.
M. P. Alexich
R. W. Jurgensen
R. C. Callen
C. A. Erikson
D. W. Paul
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11