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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME AUTHOR AFFILIATION  
 ZYGMONT, C.B. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1992 for DC Cook Plant, Unit  
 1.W/920410 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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MR JLP

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



April 10, 1992

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

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 March 1992 is submitted.

Respectfully,

A handwritten signature in cursive script, appearing to read 'A. A. Blind'.

A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
J.G. Keppler  
INPO Records Center  
ANI Nuclear Engineering Department  
D.H. Williams, Jr.  
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J.C. Krieger  
B.A. Svensson  
D.F. Krause  
E.C. Schimmel

9204210004 920331  
PDR ADDCK 05000315  
R PDR

Handwritten initials or a signature, possibly 'JES' followed by a vertical line.

# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 03-Apr-92  
 COMPLETED BY CB Zygmunt  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period MAR.92  
 3. Licensed Thermal Power (MWt) 3250  
 4. Name Plate Rating (Gross MWe) 1152  
 5. Design Electrical Rating (Net MWe) 1020  
 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 \_\_\_\_\_

notes

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	2184.0	151200.0
12. No. of Hrs. Reactor Was Critical	744.0	2184.0	113325.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	2184.0	111340.0
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2287795	6941337	323873316
17. Gross Elect. Energy Gen. (MWH)	737330	2242930	105988690
18. Net Elect. Energy Gen. (MWH)	710359	2162659	101934368
19. Unit Service Factor	100.0	100.0	74.7
20. Unit Availability Factor	100.0	100.0	74.7
21. Unit Capacity Factor (MDC Net)	93.6	97.1	67.1
22. Unit Capacity Factor (DER Net)	93.6	96.4	65.3
23. Unit Forced Outage Rate	0.0	0.0	6.7
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): Refueling outage to begin 920613 for an estimated duration of 90 days.			
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. 50-315  
UNIT ONE  
DATE 03-Apr-92  
COMPLETED BY CB Zygmunt  
TELEPHONE 616-465-5901

MONTH MAR.92

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1011	17	1010
2	1012	18	1004
3	1005	19	1012
4	1015	20	1010
5	1012	21	1009
6	1014	22	1011
7	1006	23	1013
8	1005	24	1012
9	995	25	1014
10	1002	26	1014
11	1002	27	1013
12	611	28	1014
13	567	29	1012
14	569	30	1017
15	603	31	1015
16	989		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: March 1992

DOCKET NO: 50-315  
UNIT NAME: D.C. COOK UNIT 1  
DATE: April 3, 1992  
COMPLETED BY: G.J. Costello  
TELEPHONE: (616) 465-5901

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
299	920311	F	106.1	A	N/A	N/A	KE	P	The unit power was reduced from 100% RTP to 60% RTP due to high No. 13 Circulating Water pump motor stator temperature and a rumble noise coming from below the screenhouse floor. The rumble noise and high stator temperature was determined to be caused by the flow restriction caused by the traveling screen 1-4 being out of service. The traveling screen and Circulating Water pump were returned to service and the unit power was increased from 60% RTP to 100% RTP.

1 F: Forced S: Scheduled	2 Reason: A: Equipment Failure (Explain) B: Maintenance or Test C: Refueling D: Regulatory Restriction E: Operator Training and	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
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DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: G.J. Costello  
TELEPHONE: (616) 465-5901  
DATE: April 3, 1992  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - March 1992

HIGHLIGHTS

The unit entered the reporting period at 100% RTP. Reactor power was slowly decreased to 60% RTP on March 11, 1992 to remove the No. 13 Circulating Water pump from service due to high motor stator temperature and a rumble noise emanating from below the screenhouse floor. Power was stabilized at 60% RTP on March 12, 1992. Following the removal of the pump from service, it was identified that the rumble noise was caused by flow perturbations due to the traveling screen 1-4 being out of service. In addition, the flow restriction caused by the traveling screen being out of service was determined to be sufficient to increase the loading on the No. 13 Circulating Water pump to cause the increased stator temperature.

Following the restoration of the traveling screen 1-4 and No. 13 Circulating Water pump, the Reactor power was slowly increased from 60% RTP on March 15, 1992. The power was stabilized at 100% RTP on March 16, 1992 and the unit operated at 100% RTP through the remainder of this reporting period.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of March was 737330 MWH.

DETAILS

3-11-92	2000	Commenced Reactor power reduction from 100% RTP to 60% RTP.
3-12-92	0727	The unit is at 60% RTP.
3-15-92	1700	Commenced Reactor power increase from 60% RTP to 100% RTP.
3-16-92	0605	The unit is at 100% RTP.

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: April 10, 1992  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - March 1992

There were no major safety-related maintenance items during the month of March.

