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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME AUTHOR AFFILIATION  
 TURNER, D.G. 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 1993 for DC Cook Nuclear  
 Plant, unit 1.W/930405 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



April 5, 1993

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 1993 is submitted.

Respectfully,

A handwritten signature in cursive script that reads '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  
E.E. Fitzpatrick  
R.L. Simms  
W.G. Smith, Jr.  
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J.C. Krieger  
B.A. Svensson D.F. Krause  
M.E. Russo

9304190173 930331  
PDR ADCK 05000315  
R PDR

Handwritten initials 'JE24' followed by a vertical line.



# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 02-Apr-93  
 COMPLETED BY DG Turner  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1		
2. Reporting Period	March 93		
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	<div style="border: 1px solid black; height: 100px; width: 100%; padding: 5px;">           notes         </div>		
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	2160.0	159961.0
12. No. of Hrs. Reactor Was Critical	744.0	2160.0	119054.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	2160.0	117008.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2412010	6855178	342297501
17. Gross Elect. Energy Gen. (MWH)	787940	2232250	111175610
18. Net Elect. Energy Gen. (MWH)	760861	2153375	106915740
19. Unit Service Factor	100.0	100.0	74.1
20. Unit Availability Factor	100.0	100.0	74.1
21. Unit Capacity Factor (MDC Net)	100.3	97.7	66.4
22. Unit Capacity Factor (DER Net)	100.3	97.7	64.8
23. Unit Forced Outage Rate	0.0	0.0	6.4
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):	None		
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 02-Apr-93  
COMPLETED BY DG Turner  
TELEPHONE 616-465-5901

MONTH March 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1023	17	1025
2	1021	18	1018
3	1025	19	1023
4	1020	20	1023
5	1024	21	1024
6	1023	22	1022
7	1025	23	1023
8	1025	24	1022
9	1025	25	1024
10	1027	26	1017
11	1021	27	1005
12	1027	28	1022
13	1026	29	1023
14	1027	30	1023
15	1020	31	1025
16	1025		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1993

UNIT NAME: D. C. COOK UNIT<sup>1</sup>  
DATE: April 6, 1993  
COMPLETED BY: R. D. Reynnells  
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
None									There were no unit shutdown or significant power reductions from 100% RTP this month.

1	2	3	4	5
F: Forced S: Scheduled	Reason: A: Equipment Failure (Explain) B: Maintenance or Test C: Refueling D: Regulatory Restriction E: Operator Training and License Examination F: Administrative G: Operational Error (Explain) H: Other (Explain)	Method: 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 1061)	Exhibit I: Same Source

DOCKET NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: April 6, 1993  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1993

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 100 % RTP.

The unit exited this reporting period in Mode 1 at 100 % RTP.

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

Gross Electrical generation for the month of March was 787940 MWH.

DETAILS

03-26-93 2100 Commenced reactor power decrease to 90% RTP for main turbine valve testing.

03-26-93 2330 Reactor power is at 90% RTP.

03-27-93 0145 Commenced reactor power increase.

03-27-93 0440 Reactor power is at 100% RTP.



DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: M. E. Russo  
TELEPHONE: (616) 465-5901  
DATE: April 5, 1992

PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - March 1993

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



10/10/10