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 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1994 for DC Cook Nuclear  
 Plant Unit 1.W/940207 ltr.

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



February 7, 1994

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 January 1994 is submitted.

Respectfully,

  
A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
DATE 02/Feb/94  
COMPLETED BY JD Janisse  
TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
2. Reporting Period JAN 94  
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) 1000  
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	744.0	167304.0
12. No. of Hrs. Reactor Was Critical	744.0	744.0	126398.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	744.0	124352.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1710470	1710470	365236245
17. Gross Elect. Energy Gen. (MWH)	539130	539130	118561790
18. Net Elect. Energy Gen. (MWH)	514459	514459	114036257
19. Unit Service Factor	100.0	100.0	75.3
20. Unit Availability Factor	100.0	100.0	75.3
21. Unit Capacity Factor (MDC Net)	69.1	69.1	67.9
22. Unit Capacity Factor (DER Net)	67.8	67.8	66.1
23. Unit Forced Outage Rate	0.0	0.0	6.0

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Refueling Outage to begin February 12, 1994, for an estimated duration of seventy 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  
 02/Feb/94 02/Feb/94  
 JD Janisse JD Janisse  
 TELEPHONE 616-465-5901

JAN 94

JAN 94

DAY	AVERAGE DAILY POWER LEVEL
01/01/94	834
01/02/94	769
01/03/94	713
01/04/94	685
01/05/94	686
01/06/94	685
01/07/94	686
01/08/94	685
01/09/94	687
01/10/94	688
01/11/94	688
01/12/94	686
01/13/94	689
01/14/93	691
01/15/94	689
01/16/94	686

DAY	AVERAGE DAILY POWER LEVEL
01/17/94	688
01/18/94	691
01/19/94	689
01/20/94	688
01/21/94	686
01/22/94	688
01/23/94	683
01/24/94	686
01/25/94	686
01/26/94	686
01/27/94	677
01/28/94	676
01/29/94	663
01/30/94	655
01/31/94	644

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JANUARY 1994

UNIT NAME: D. C. COOK UNIT 1  
DATE: Feb 7, 1994  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
Page 1 of 1

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
307	931228	S	N/A	H	N/A	N/A	N/A	N/A	Reactor power end of core coastdown plan was commenced on 931228 at 0700 hours. The coastdown continued through 940101 0000 hours, at which time reactor power was at 86% RTP. Reactor power was stabilized at 70% RTP on 940103 at 2345 hours until 940127 at 0400 hours when phase two of the coastdown plan commenced. The unit exited the month at 66 % 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 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 1061)	5 Exhibit I: Same Source
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DOCUMENT NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: Feb 7, 1994  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - JANUARY 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 86% RTP.

The unit exited this reporting period in Mode 1 at 66% RTP.

The unit continued reactor power reduction as established at 0700 December 28 in accordance with the end of core power coast down plan developed by the Reactor Engineering Section. Reactor power was stabilized at 70% RTP at 2345 hours on January 3, until 0400 hours on January 27, when the second phase of the coastdown plan commenced

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

Gross Electrical generation for the month of January was 539130 MWH.

DETAILS

01-01-94	0000	Continued reactor power coast down in accordance with the end of core power coast down plan.
01-03-94	2345	Reactor power stabilized at 70% RTP.
01-27-94	0400	Commenced the second phase of the coastdown plan.