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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1994 for DCP Unit 2.  
 W/940307 ltr.

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




March 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 2 Technical Specification 6.9.1.10, the attached Monthly  
Operating Report for the month of February 1994 is submitted.

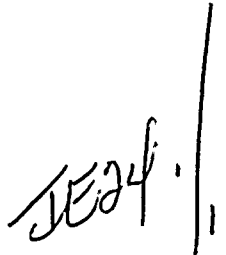
Respectfully,

  
A.A. Blind  
Plant Manager

Attachment

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

DOCKET NO. 50-316

DATE 02/Mar/94

COMPLETED BY JD Janisse

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period FEB 94
3. Licensed Thermal Power (MWt) 3411
4. Name Plate Rating (Gross MWe) 1133
5. Design Electrical Rating (Net MWe) 1090
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

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	672.0	1416.0	141672.0
12. No. of Hrs. Reactor Was Critical	494.2	1136.0	95985.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	494.2	1116.9	92892.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1099769	2846763	284960858
17. Gross Elect. Energy Gen. (MWH)	343460	904970	92512870
18. Net Elect. Energy Gen. (MWH)	326728	866986	89092968
19. Unit Service Factor	73.5	78.9	66.7
20. Unit Availability Factor	73.5	78.9	66.7
21. Unit Capacity Factor (MDC Net)	45.9	57.8	60.2
22. Unit Capacity Factor (DER Net)	44.6	56.2	58.7
23. Unit Forced Outage Rate	3.5	11.1	15.3

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Refueling outage to begin August 4, 1994 for an estimated duration of 70 days.

25. If Shut Down At End of Report Period, Estimated Date of Startup:  
March 2, 1994

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. 50-316  
UNIT TWO  
02/Mar/94 02/Mar/94  
JD Janisse JD Janisse  
TELEPHONE 616-465-5901

FEB 94

FEB 94

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
02/01/94	839	02/17/94	608
02/02/94	957	02/18/94	608
02/03/94	960	02/19/94	608
02/04/94	909	02/20/94	606
02/05/94	553	02/21/94	359
02/06/94	574	02/22/94	0
02/07/94	597	02/23/94	0
02/08/94	600	02/24/94	0
02/09/94	601	02/25/94	0
02/10/94	601	02/26/94	0
02/11/94	602	02/27/94	0
02/12/94	603	02/28/94	0
02/13/94	605		
02/14/94	608		
02/15/94	608		
02/16/94	608		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: FEBRUARY 1994

UNIT NAME: D. C. COOK UNIT<sup>2</sup>  
DATE: March 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
234	940221	F	177.8	H	3	94-01/U-2	SB	ISV	At 1413 hours on 940221 the reactor tripped on a LoLo level signal on #4 Steam Generator. This signal was the result of the #4 S/G Stop Valve closing when the #4 Stop Valve Dump Valve opened during post maintenance testing. The cause of the Dump Valve opening is presently under investigation.

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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DOCKET NO.: 50-316  
UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: March 7, 1994  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - FEBRUARY 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 75% RTP.

The unit exited this reporting period in Mode 3 at 0% RTP.

Reactor power was ramped down to 57% RTP on February 1, 1994 to conduct Main Feedpump Condenser tube inspections. On February 21, 1994 the reactor tripped during post maintenance testing of Steam Generator #4 Stop Valve Dump Valve.

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

Gross Electrical generation for the month of February was 343460 MWH.

DETAILS

02-01-94	1300	Commenced reactor power increase to 85% RTP to meet system demands.
	1444	Reactor power is at 85% RTP.
	2015	Commenced reactor power increase to 90% RTP to meet system demands.
02-02-94	0135	Reactor power is at 90% RTP.
02-04-94	1905	Commenced reactor power reduction to inspect the Main Feedpump condenser tubes.
02-05-94	0150	Reactor power is at 57% RTP.
02-06-94	1322	Commenced reactor power increase to 60% RTP.
	1500	Reactor power is at 60% RTP.
02-21-94	1413	Reactor trip on LoLo level signal on #4 Steam Generator. The RCS is in Mode 3.



