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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1993 for DCP Unit 2.
W/940107 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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



January 7, 1994

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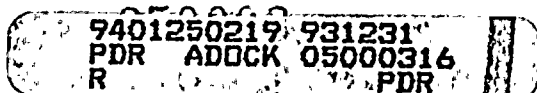
Pursuant to the requirements of Donald C. Cook Nuclear Plant
Unit 2 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of December 1993 is submitted.

Respectfully,

A.A. Blind
Plant Manager

Attachment

c: ~~ARE Region III~~
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IF24
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 03/Jan/94

COMPLETED BY DG TURNER

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period DEC 93
 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	744.0	8760.0	140256.0
12. No. of Hrs. Reactor Was Critical	744.0	8491.5	94849.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	8459.5	91775.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1938744	24526322	282114094
17. Gross Elect. Energy Gen. (MWH)	619380	7853870	91607900
18. Net Elect. Energy Gen. (MWH)	593187	7553810	88225982
19. Unit Service Factor	100.0	96.6	66.6
20. Unit Availability Factor	100.0	96.6	66.6
21. Unit Capacity Factor (MDC Net)	75.2	81.3	60.2
22. Unit Capacity Factor (DER Net)	73.1	79.1	58.7
23. Unit Forced Outage Rate	0.0	3.4	15.3
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. 50-316
UNIT TWO
03/Jan/94 03/Jan/94
DG TURNER DG TURNER
TELEPHONE 616-465-5901

DEC 93

DEC 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
12/01/93	774	12/17/93	786
12/02/93	774	12/18/93	785
12/03/93	776	12/19/93	787
12/04/93	776	12/20/93	789
12/05/93	776	12/21/93	789
12/06/93	785	12/22/93	790
12/07/93	782	12/23/93	787
12/08/93	785	12/24/93	793
12/09/93	782	12/25/93	784
12/10/93	775	12/26/93	790
12/11/93	782	12/27/93	789
12/12/93	782	12/28/93	842
12/13/93	785	12/29/93	909
12/14/93	788	12/30/93	898
12/15/93	790	12/31/93	902
12/16/93	788		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: DECEMBER 1993

UNIT NAME: D. C. COOK UNIT 2
DATE: Jan 9, 1994
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
PAGE 1 OF 1

NO.	DATE	TYPE ¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
None									There were no unit shutdown or significant power reductions 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.: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
DATE: Jan 9, 1994
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - DECEMBER 1993

HIGHLIGHTS

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

The unit exited this reporting period in Mode 1 at 85% RTP.

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

Gross Electrical generation for the month of December was 619380 MWH.

DETAILS

12-28-93	0800	Commenced reactor power increase to 85% RTP to meet system demands.
	1737	Reactor power is at 85% RTP.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: M. E. Russo
TELEPHONE: (616) 465-5901
DATE: January 7, 1994
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - December 1993

No major safety-related maintenance items are included for the month of December.