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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1994 for DC Cook Nuclear
 Plant Unit 2.W/940606 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



June 6, 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 May 1994 is submitted.

Respectfully,

A handwritten signature in cursive script that reads 'A. Alan 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
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E.A. Smarrella
J.C. Krieger
D.F. Krause
M.E. Russo

Handwritten initials 'TE24' with a vertical line to the right.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 02/Jun/94

COMPLETED BY JD Janisse

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period May 1994
 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	3624.0	143880.0
12. No. of Hrs. Reactor Was Critical	744.0	2366.8	97215.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	2019.4	93795.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1607162	4813808	286927902
17. Gross Elect. Energy Gen. (MWH)	489830	1488180	93096080
18. Net Elect. Energy Gen. (MWH)	463733	1418788	89644770
19. Unit Service Factor	100.0	55.7	66.3
20. Unit Availability Factor	100.0	55.7	66.3
21. Unit Capacity Factor (MDC Net)	58.8	36.9	59.6
22. Unit Capacity Factor (DER Net)	57.2	35.9	58.1
23. Unit Forced Outage Rate	0.0	41.7	16.1

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):
Refueling outage to begin September 9, 1994 for an estimated duration of 59 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. 50-316
UNIT TWO
02/Jun/94
JD Janisse
TELEPHONE 616-465-5901

May 1994

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
94/05/01	627	94/05/17	627
94/05/02	628	94/05/18	626
94/05/03	622	94/05/19	626
94/05/04	620	94/05/20	623
94/05/05	618	94/05/21	620
94/05/06	619	94/05/22	618
94/05/07	623	94/05/23	619
94/05/08	621	94/05/24	623
94/05/09	620	94/05/25	618
94/05/10	620	94/05/26	624
94/05/11	626	94/05/27	620
94/05/12	623	94/05/28	617
94/05/13	624	94/05/29	618
94/05/14	623	94/05/30	617
94/05/15	626	94/05/31	663
94/05/16	626		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MAY 1994

UNIT NAME: D. C. COOK UNIT 2
DATE: June 6, 1994
COMPLETED BY: D. L. Bubbick
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 shutdowns or significant power reductions from 73% RTP this month.									

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: D. L. Bublick
TELEPHONE: (616) 465-5901
DATE: June 6, 1994
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MAY 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 63% RTP.

The unit exited this reporting period in Mode 1 at 73% RTP.

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

Gross Electrical generation for the month of May was 489830 MWH.

DETAILS

05-31-94 2312 Commenced reactor power increase to 100% RTP.

