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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1996 for DC Cook Nuclear
Plant Unit 2.W/960501 ltr.

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



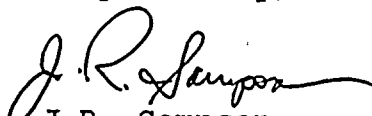
May 1, 1996

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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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 April 1996 is submitted.

Respectfully,


J.R. Sampson
Plant Manager

Attachment

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

DOCKET NO. 50-316
 DATE 01/May/96
 COMPLETED BY D G Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period April 1996 notes
 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

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	720.0	2904.0	160680.0
12. No. of Hrs. Reactor Was Critical	0.0	1972.0	110296.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	1972.0	106777.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	0	6578141	328212605
17. Gross Elect. Energy Gen. (MWH)	0	2156200	106362560
18. Net Elect. Energy Gen. (MWH)	0	2084634	102444597
19. Unit Service Factor	0.0	67.9	67.5
20. Unit Availability Factor	0.0	67.9	67.5
21. Unit Capacity Factor (MDC Net)	0.0	67.7	60.9
22. Unit Capacity Factor (DER Net)	0.0	65.9	59.4
23. Unit Forced Outage Rate	N/A	0.0	14.8
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:
 May 9, 1996

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
 DATE 01/May/96
 COMPLETED BY D G Turner
 TELEPHONE 616-465-5901

MONTH April 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/04/01	0	96/04/17	0
96/04/02	0	96/04/18	0
96/04/03	0	96/04/19	0
96/04/04	0	96/04/20	0
96/04/05	0	96/04/21	0
96/04/06	0	96/04/22	0
96/04/07	0	96/04/23	0
96/04/08	0	96/04/24	0
96/04/09	0	96/04/25	0
96/04/10	0	96/04/26	0
96/04/11	0	96/04/27	0
96/04/12	0	96/04/28	0
96/04/13	0	96/04/29	0
96/04/14	0	96/04/30	0
96/04/15	0		
96/04/16	0		

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: M.E. Russo
TELEPHONE: 616-465-5901
DATE: May 1, 1996
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - APRIL 1996

HIGHLIGHTS*

The unit entered this reporting period in Mode 6 at 0% RTP for the Cycle 10 to 11 refueling/maintenance outage.

Fuel off-load was completed April 6 at 0325. An Unusual Event was voluntarily declared April 14 at 0900 when both Unit 2 Emergency Diesel Generators were electively removed from service for maintenance activities. Unit 2 was in Mode 6 and the core unloaded for the duration of the event. The Unusual Event was terminated April 21 at 0820. Refueling core alterations was completed April 27 at 0451. Mode 5 entry occurred April 29 at 1715.

The unit exited this reporting period in Mode 5 at 0% RTP.

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

Gross electrical generation for the month of April was 0 MWH.

DETAILS*

04-03-96	0819	Commenced Reactor fuel off-load core alterations.
04-06-96	0325	Core alterations complete. All fuel off-loaded to the Spent Fuel Pool.
04-14-96	0900	Unusual Event declared due to both Unit 2 Emergency Diesel Generators being inoperable.
04-21-96	0820	Unusual Event terminated.
04-23-96	1209	Commenced Reactor refueling core alterations.
04-27-96	0451	Completed Reactor refueling core alterations.
04-29-96	1715	Entered Reactor Mode 5.

* All time entries above are Eastern Standard Time (EST).

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1996

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT 2
DATE: May 1, 1996
COMPLETED BY: M.E. Russo
TELEPHONE: 616-465-5901
PAGE: 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
250	032396	S	720.0	B,C	2	N/A	N/A	N/A	The Unit remained shutdown for the cycle 10 to 11 maintenance/refueling outage throughout this reporting period.

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 0161)	Exhibit I: Same Source