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 AUTH. NAME AUTHOR AFFILIATION
 MINOR, J.W. American Electric Power Co., Inc.
 RUSSO, M.E. American Electric Power Co., Inc.
 SAMPSON, J.R. American Electric Power Co., Inc.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1996 for DC Cook Nuclear
 Plant Unit 2.W/960904 ltr.

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



September 4, 1996

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 August
1996 is submitted.

Respectfully,

A handwritten signature in dark ink, appearing to read 'J.R. Sampson for TRS', is written over the typed name.

J.R. Sampson
Plant Manager

Attachment

c: NRC Region III
D.R. Hahn
R.C. Callen
S. Hamming
INPO Records Center
ANI Nuclear Engineering Department
E.E. Fitzpatrick
A.A. Blind
P.A. Barrett
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D.G. Turner
B.L. Bartlett
M.E. Russo

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
DATE 04/Sep/96
COMPLETED BY JW Minor
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period August 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	744.0	5856.0	163632.0
12. No. of Hrs. Reactor Was Critical	744.0	4759.6	113083.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	4713.9	109519.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2534428	15653690	337288154
17. Gross Elect. Energy Gen. (MWH)	807720	5074280	109280640
18. Net Elect. Energy Gen. (MWH)	780735	4904443	105264406
19. Unit Service Factor	100.0	80.5	67.9
20. Unit Availability Factor	100.0	80.5	67.9
21. Unit Capacity Factor (MDC Net)	99.0	79.0	61.5
22. Unit Capacity Factor (DER Net)	96.3	76.8	59.9
23. Unit Forced Outage Rate	0.0	0.2	14.5
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
 DATE 04/Sep/96
 COMPLETED BY JW Minor
 TELEPHONE 616-465-5901

MONTH August 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/08/01	1045	96/08/17	1035
96/08/02	1040	96/08/18	1037
96/08/03	1053	96/08/19	1032
96/08/04	1035	96/08/20	1030
96/08/05	1042	96/08/21	1026
96/08/06	1036	96/08/22	1025
96/08/07	1030	96/08/23	1037
96/08/08	1031	96/08/24	1073
96/08/09	1038	96/08/25	1069
96/08/10	1063	96/08/26	1062
96/08/11	1078	96/08/27	1064
96/08/12	1088	96/08/28	1067
96/08/13	1082	96/08/29	1070
96/08/14	1048	96/08/30	1064
96/08/15	1036	96/08/31	1059
96/08/16	1035		

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: M.E. Russo
TELEPHONE: 616-697-5100
DATE: September 4, 1996
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - AUGUST 1996 .

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 100% RTP.

The unit exited this reporting period in Mode 1 at 100% RTP.

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

Gross electrical generation for the month of August was 807720 MWH.

DETAILS

No details to report.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1996

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT 2
DATE: September 4, 1996
COMPLETED BY: M.E. Russo
TELEPHONE: 616-697-5100
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
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None

There were no unit shutdowns or significant power reductions from 100% RTP 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 0161)	Exhibit I: Same Source

