

CATEGORY 1

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 SAMPSON, J.R. American Electric Power Co., Inc.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1996 for DC Cook Nuclear
 Plant Unit 2.W/961104 ltr.

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



November 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 October 1996 is submitted.

Respectfully,

A handwritten signature in cursive script, appearing to read 'J.R. Sampson', is written over the typed name.

J.R. Sampson
Plant Manager

Attachment

c: NRC Region III
D.R. Hahn
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INPO Records Center
ANI Nuclear Engineering Department
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 04/Nov/96
 COMPLETED BY John W. Minor
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period OCT/96 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	7320.0	165096.0
12. No. of Hrs. Reactor Was Critical	744.0	6223.6	114547.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	6177.9	11767.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2531841	20638324	342272788
17. Gross Elect. Energy Gen. (MWH)	822460	6677460	110883820
18. Net Elect. Energy Gen. (MWH)	795646	6454746	106814709
19. Unit Service Factor	100.0	84.4	6.5
20. Unit Availability Factor	100.0	84.4	6.5
21. Unit Capacity Factor (MDC Net)	100.9	83.2	61.8
22. Unit Capacity Factor (DER Net)	98.1	80.9	60.2
23. Unit Forced Outage Rate	0.0	0.2	63.8
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:

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/Nov/96
 COMPLETED BY John W. Minor
 TELEPHONE 616-465-5901

MONTH OCT/96

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/10/01	1058	96/10/17	1067
96/10/02	1063	96/10/18	1071
96/10/03	1060	96/10/19	1074
96/10/04	1058	96/10/20	1075
96/10/05	1056	96/10/21	1075
96/10/06	1063	96/10/22	1067
96/10/07	1064	96/10/23	1079
96/10/08	1075	96/10/24	1082
96/10/09	1053	96/10/25	1078
96/10/10	1068	96/10/26	1057
96/10/11	1070	96/10/27	1070
96/10/12	1075	96/10/28	1077
96/10/13	1071	96/10/29	1073
96/10/14	1069	96/10/30	1087
96/10/15	1063	96/10/31	1089
96/10/16	1067		

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

MONTHLY OPERATING ACTIVITIES - OCTOBER 1996

HIGHLIGHTS*

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

Reactor power was reduced to 96% RTP October 26 at 0707 for Auxiliary Feedwater flow retention testing. Reactor power was restored to 100% RTP at 1750 the same day

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 October was 822460 MWH.

DETAILS*

10-26-96	0629	Commenced power reduction to 96% RTP for Auxiliary Feedwater flow retention testing.
	0707	Reactor power stabilized at 96% RTP.
	1512	Commenced power ascension.
	1750	Reactor power stabilized at 100% RTP.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: OCTOBER 1996

DOCKET NO: 50-316
UNIT NAME: D.C. COOK UNIT 2
DATE: November 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

6 3 1 5 2 4