

# CATEGORY 1

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 AUTH. NAME      AUTHOR AFFILIATION  
 TURNER, D.G.      American Electric Power Co., Inc.  
 SAMPSON, J.R.      American Electric Power Co., Inc.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for July 1996 for DC Cook Nuclear Plant, Unit 2.W/960801 ltr.

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



August 1, 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 July  
1996 is submitted.

Respectfully,

A handwritten signature in cursive script, appearing to read 'J.R. Sampson'.

J.R. Sampson  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
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S. Hamming  
INPO Records Center  
ANI Nuclear Engineering Department  
E.E. Fitzpatrick  
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W.H. Schalk  
D.G. Turner  
B.L. Bartlett  
M.E. Russo

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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316  
DATE 01/Aug/96  
COMPLETED BY DG Turner  
TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2  
2. Reporting Period July 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	5112.0	162888.0
12. No. of Hrs. Reactor Was Critical	744.0	4015.6	112339.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	3969.9	108775.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2531652	13119263	334753727
17. Gross Elect. Energy Gen. (MWH)	811660	4266560	108472920
18. Net Elect. Energy Gen. (MWH)	784832	4123708	104483671
19. Unit Service Factor	100.0	77.7	67.8
20. Unit Availability Factor	100.0	77.7	67.8
21. Unit Capacity Factor (MDC Net)	99.5	76.1	61.3
22. Unit Capacity Factor (DER Net)	96.8	74.0	59.7
23. Unit Forced Outage Rate	0.0	0.3	14.6
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 01/Aug/96  
 COMPLETED BY DG Turner  
 TELEPHONE 616-465-5901

MONTH July 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/07/01	1048	96/07/17	1042
96/07/02	1054	96/07/18	1043
96/07/03	1087	96/07/19	1044
96/07/04	1090	96/07/20	1060
96/07/05	1080	96/07/21	1068
96/07/06	1046	96/07/22	1067
96/07/07	1059	96/07/23	1063
96/07/08	1055	96/07/24	1051
96/07/09	1057	96/07/25	1044
96/07/10	1060	96/07/26	1044
96/07/11	1057	96/07/27	1047
96/07/12	1056	96/07/28	1043
96/07/13	1057	96/07/29	1045
96/07/14	1054	96/07/30	1044
96/07/15	1050	96/07/31	1046
96/07/16	1042		

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

MONTHLY OPERATING ACTIVITIES - JULY 1996

HIGHLIGHTS\*

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

Reactor power was decreased to 94% RTP July 6 at 1549 to clear a phase two Main Transformer coil high temperature alarm. Reactor power was stabilized at 100% RTP July 7 at 0345.

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 July was 811660 MWH.

DETAILS\*

07-06-96	1255	Commenced power reduction to clear a phase two Main Transformer coil high temperature alarm.
	1549	Reactor power stabilized at 94% RTP.
	1634	Main Transformer coil high temperature alarm clear.
07-07-96	0103	Commenced power ascension to 100% RTP.
	0345	Reactor power stabilized at 100% RTP.

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY 1996

DOCKET NO: 50-316  
UNIT NAME: D.C. COOK UNIT 2  
DATE: August 1, 1996  
COMPLETED BY: M.E. Russo  
TELEPHONE: 616-697-5100  
PAGE: Page 1 OF 1

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	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	Reason:	Method:	Exhibit G - Instructions	Exhibit I: Same
S: Scheduled	A: Equipment Failure (Explain)	1: Manual	for preparation of data	Source
	B: Maintenance or Test	2: Manual Scram	entry sheets for Licensee	
	C: Refueling	3: Automatic Scram	Event Report (LER) File	
	D: Regulatory Restriction	4: Other (Explain)	(NUREG 0161)	
	E: Operator Training and License Examination			
	F: Administrative			
	G: Operational Error (Explain)			
	H: Other (Explain)			

