

# CATEGORY 1

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

SUBJECT: Monthly operating rept for Aug 1996 for DC Cook Nuclear Plant Unit 1.W/960904 ltr.

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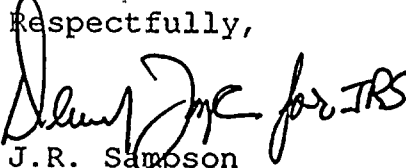
September 4, 1996

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 1 Technical Specification 6.9.1.10, the  
attached Monthly Operating Report for the month of August  
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. 50-315  
DATE 04/Sep/96  
COMPLETED BY JW Minor  
TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
2. Reporting Period August 1996 notes  
3. Licensed Thermal Power (MWt) 3250  
4. Name Plate Rating (Gross MWe) 1152  
5. Design Electrical Rating (Net MWe) 1020  
6. Maximum Dependable Capacity (GROSS MWe) 1056  
7. Maximum Dependable Capacity (Net MWe) 1000  
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	189936.0
12. No. of Hrs. Reactor Was Critical	744.0	5834.1	143826.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	5820.0	141454.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2066282	18306413	417724294
17. Gross Elect. Energy Gen. (MWH)	670760	6023940	135636310
18. Net Elect. Energy Gen. (MWH)	643802	5809698	130487797
19. Unit Service Factor	100.0	99.4	75.3
20. Unit Availability Factor	100.0	99.4	75.3
21. Unit Capacity Factor (MDC Net)	86.5	99.2	68.5
22. Unit Capacity Factor (DER Net)	84.8	97.3	66.8
23. Unit Forced Outage Rate	0.0	0.6	6.0
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. 50-315  
UNIT ONE  
DATE 04/Sep/96  
COMPLETED BY JD JANISSE  
TELEPHONE 616-465-5901

MONTH August 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/08/01	895	96/08/17	867
96/08/02	890	96/08/18	866
96/08/03	892	96/08/19	856
96/08/04	866	96/08/20	853
96/08/05	857	96/08/21	850
96/08/06	846	96/08/22	849
96/08/07	841	96/08/23	856
96/08/08	839	96/08/24	876
96/08/09	846	96/08/25	874
96/08/10	861	96/08/26	870
96/08/11	875	96/08/27	872
96/08/12	877	96/08/28	873
96/08/13	874	96/08/29	874
96/08/14	869	96/08/30	874
96/08/15	851	96/08/31	881
96/08/16	858		

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
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 and stable at 88.5% RTP.

Reactor power was decreased on separate occasions to no less than 84% RTP due to Main Transformer thermal limitations as a result of increased ambient temperature conditions.

The unit exited this reporting period in Mode 1 at 86% RTP.

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

Gross electrical generation for the month of August was 670760 MWH.

DETAILS\*

08-03-96	1236	Commenced power reduction due to Main Transformer thermal limitations.
	1330	Reactor power stabilized at 86.5% RTP.
08-05-96	1250	Commenced power reduction due to Main Transformer thermal limitations.
	1515	Reactor power stabilized at 84.6% RTP.
08-09-96	2137	Commenced Main Turbine control valve testing.
	2246	Completed Main Turbine control valve testing.
08-31-96	0900	Commenced power ascension to 86% RTP.
	1100	Reactor power stabilized at 86% RTP.

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1996

DOCKET NO: 50-315  
UNIT NAME: D.C. COOK UNIT 1  
DATE: September 4, 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
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