

# CATEGORY 1

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME: TURNER, D.G. AUTHOR AFFILIATION: 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 1. 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 1 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  
R.C. Callen  
S. Hamming  
INPO Records Center  
ANI Nuclear Engineering Department  
E.E. Fitzpatrick  
A.A. Blind  
P.A. Barrett  
W.G. Smith, Jr.  
S.J. Brewer  
D.W. Paul  
S.H. Steinhart  
D.L. Noble  
W.H. Schalk  
D.G. Turner  
B.L. Bartlett  
M.E. Russo

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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 01/Aug/96  
 COMPLETED BY DG Turner  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period July 1996  
 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

notes

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	189192.0
12. No. of Hrs. Reactor Was Critical	744.0	5090.1	143082.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	5076.0	140710.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2320664	16240130	415658011
17. Gross Elect. Energy Gen. (MWH)	754470	5353180	134965550
18. Net Elect. Energy Gen. (MWH)	727100	5165896	129843995
19. Unit Service Factor	100.0	99.3	75.2
20. Unit Availability Factor	100.0	99.3	75.2
21. Unit Capacity Factor (MDC Net)	97.7	101.1	68.4
22. Unit Capacity Factor (DER Net)	95.8	99.1	66.7
23. Unit Forced Outage Rate	0.0	0.7	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 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	1012	96/07/17	973
96/07/02	1019	96/07/18	967
96/07/03	1037	96/07/19	979
96/07/04	1038	96/07/20	973
96/07/05	1017	96/07/21	983
96/07/06	998	96/07/22	987
96/07/07	974	96/07/23	982
96/07/08	969	96/07/24	976
96/07/09	993	96/07/25	954
96/07/10	1025	96/07/26	944
96/07/11	1015	96/07/27	948
96/07/12	1003	96/07/28	974
96/07/13	660	96/07/29	992
96/07/14	985	96/07/30	957
96/07/15	1016	96/07/31	956
96/07/16	992		

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: M.E. Russo  
TELEPHONE: 616-697-5100  
DATE: August 1, 1996  
PAGE: Page 1 of 3

MONTHLY OPERATING ACTIVITIES - JULY 1996

HIGHLIGHTS\*

The unit entered this reporting period in Mode 1 at 98% RTP ascending to 100% RTP following a power reduction to 93% RTP for Main Transformer thermal limitations.

Reactor power was decreased to 92% RTP July 5 and July 27 to facilitate Main Turbine control valve testing.

Reactor power was decreased to 58% RTP July 13 at 0827 to remove the East Main Feed Pump from service to facilitate condenser leak checks. Reactor power was stabilized at 100% RTP July 14 at 0550.

Reactor power was decreased on four separate occasions to no less than 88.5% RTP due to Main Transformer thermal limitations as a result of increasing ambient temperature conditions.

The unit exited this reporting period in Mode 1 at 88.5% RTP.

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

Gross electrical generation for the month of July was 754470 MWH.

DETAILS\*

07-01-96	0150	Reactor power stabilized at 100% RTP.
07-05-96	1830	Commenced power reduction to 92% RTP for Main Turbine control valve testing.
	2025	Reactor power stabilized at 92% RTP.
07-06-96	0037	Commenced Reactor power ascension to 100% RTP following testing.
	0315	Reactor power stabilized at 100% RTP.

DOCKET NO: 50-315  
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PAGE: Page 2 of 3

MONTHLY OPERATING ACTIVITIES - JULY 1996

DETAILS\* (cont'd)

07-06-96	1024	Commenced power reduction due to Main Transformer thermal limitations.
	1213	Reactor power stabilized at 95% RTP.
07-09-96	0859	Commenced power ascension to 100% RTP.
	1203	Reactor power stabilized at 100% RTP.
07-12-96	1100	Commenced power reduction due to Main Transformer thermal limitations.
	1606	Reactor power stabilized at 95% RTP.
07-13-96	0100	Commenced power reduction for East Main Feedpump condenser leak checks.
	0827	Reactor power stabilized at 58% RTP.
	2030	Commenced power ascension to 100% RTP.
07-14-96	0550	Reactor power stabilized at 100% RTP.
07-16-96	1140	Commenced power reduction due to Main Transformer thermal limitations.
	1421	Reactor power stabilized at 96.5% RTP.
07-27-96	0625	Commenced power reduction to 92% RTP for Main Turbine control valve testing.
	0830	Reactor power stabilized at 92% RTP.
	1235	Commenced Reactor power ascension to 96% RTP following testing.
	1430	Reactor power stabilized at 96% RTP.

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
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PAGE: Page 3 of 3

MONTHLY OPERATING ACTIVITIES - JULY 1996

DETAILS\* (cont'd)

07-31-96	1855	Commenced power reduction due to Main Transformer hydrogen concentration increase.
	2208	Reactor power stabilized at 88.5% RTP.

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



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY 1996

DOCKET NO: 50-315  
UNIT NAME: D.C. COOK UNIT 1  
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
327	960713	S	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 58% RTP 960713 at 0827 EST. The East Main Feedpump was removed from service to facilitate condenser leak checks. Reactor power was stabilized at 100% RTP 960714 at 0550 EST.

1 F: Forced S: Scheduled	2 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)	3 Method: 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	4 Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	5 Exhibit I: Same Source
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