

CATEGORY 1

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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME AUTHOR AFFILIATION
 TURNER, D.G. American Electric Power Co., Inc.
 RUSSO, M.E. American Electric Power Co., Inc.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1996 for DC Cook Nuclear Plant Unit 1.W/960701 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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



July 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 June
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 01/Jul/96
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period June 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	720.0	4368.0	188448.0
12. No. of Hrs. Reactor Was Critical	720.0	4346.1	142338.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	4332.0	139966.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2295298	13919467	413337347
17. Gross Elect. Energy Gen. (MWH)	754090	4598710	134211080
18. Net Elect. Energy Gen. (MWH)	727484	4438796	129116895
19. Unit Service Factor	100.0	99.2	75.1
20. Unit Availability Factor	100.0	99.2	75.1
21. Unit Capacity Factor (MDC Net)	101.0	101.6	68.3
22. Unit Capacity Factor (DER Net)	99.1	99.6	66.6
23. Unit Forced Outage Rate	0.0	0.8	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/Jul/96
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

MONTH June 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/06/01	1038	96/06/17	1027
96/06/02	1042	96/06/18	1025
96/06/03	1033	96/06/19	1020
96/06/04	1037	96/06/20	1026
96/06/05	1034	96/06/21	1023
96/06/06	786	96/06/22	1014
96/06/07	859	96/06/23	1020
96/06/08	1026	96/06/24	1028
96/06/09	1033	96/06/25	1034
96/06/10	1033	96/06/26	1037
96/06/11	1029	96/06/27	1035
96/06/12	1032	96/06/28	1005
96/06/13	1031	96/06/29	967
96/06/14	1027	96/06/30	957
96/06/15	1029		
96/06/16	1026		

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: M.E. Russo
TELEPHONE: 616-465-5901
DATE: July 1, 1996
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - JUNE 1996

HIGHLIGHTS*

The unit entered this reporting period in Mode 1 at 97% RTP ascending to 100% RTP following Main Turbine control valve testing initiated at the end of the last period.

Reactor power was decreased to 57% RTP June 6 at 1150 to remove the West Main Feed Pump from service to facilitate steam supply leak repairs. Reactor power was stabilized at 100% RTP June 8 at 0200.

Reactor power was decreased to 93% RTP June 29 at 1410 due to Main Transformer thermal limitations as a result of increasing ambient temperature conditions. Commenced Reactor power ascension to 100% RTP June 30 at 2000.

The unit exited this reporting period in Mode 1 at 98% RTP ascending to 100% RTP.

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

Gross electrical generation for the month of June was 754090 MWH.

DETAILS*

06-01-96	0054	Reactor power stabilized at 100% RTP.
06-06-96	1108	Commenced rapid power reduction to 57% RTP due to a West Main Feed Pump steam supply leak.
	1145	Manually tripped West Main Feed Pump.
	1150	Reactor power stabilized at 57% RTP.
	2347	Commenced Reactor power ascension following repairs.
06-07-96	0317	Reactor power stabilized at 86% RTP.
	2040	Commenced Reactor power ascension to 100% RTP.
06-08-96	0200	Reactor power stabilized at 100% RTP.

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UNIT NAME: D.C. Cook Unit 1
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PAGE: Page 2 of 2

MONTHLY OPERATING ACTIVITIES - JUNE 1996

DETAILS* (cont'd)

06-28-96	1100	Commenced power reduction due to Main Transformer thermal limitations as a result of increasing ambient temperature conditions.
	1525	Reactor power stabilized at 96% RTP.
06-29-96	1342	Commenced further power reduction due to continuing Main Transformer thermal limitations.
	1410	Reactor power stabilized at 93% RTP.
06-30-96	2000	Commenced Reactor power ascension to 100% RTP.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JUNE 1996

DOCKET NO: 50-315
UNIT NAME: D.C. COOK UNIT 1
DATE: July 1, 1996
COMPLETED BY: M.E. Russo
TELEPHONE: 616-465-5901
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
326	960606	F	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 57 RTP 960606 at 1150 EST. The West Main Feed Pump was removed from service to facilitate steam supply leak repairs. Reactor power was stabilized at 100% RTP 960608 at 0200 EST.

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