

CATEGORY 1

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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1996 for DC Cook Nuclear
 Plant Unit 1.W/960603 ltr.

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

50-315



June 3, 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 May 1996 is submitted.

Respectfully,

J.R. Sampson, Jr.

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 03/Jun/96
 COMPLETED BY D G Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period May 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	3648.0	187728.0
12. No. of Hrs. Reactor Was Critical	744.0	3626.1	141618.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	3612.0	139246.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2409943	11624168	411042049
17. Gross Elect. Energy Gen. (MWH)	795500	3844620	133456990
18. Net Elect. Energy Gen. (MWH)	768025	3711312	128389411
19. Unit Service Factor	100.0	99.0	75.0
20. Unit Availability Factor	100.0	99.0	75.0
21. Unit Capacity Factor (MDC Net)	103.2	101.7	68.2
22. Unit Capacity Factor (DER Net)	101.2	99.7	66.4
23. Unit Forced Outage Rate	0.0	1.0	6.1
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 03/Jun/96
COMPLETED BY D G Turner
TELEPHONE 616-465-5901

MONTH May 1996

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
96/05/01	1038	96/05/17	1028
96/05/02	1037	96/05/18	1013
96/05/03	1038	96/05/19	1014
96/05/04	1036	96/05/20	1019
96/05/05	1034	96/05/21	1031
96/05/06	1035	96/05/22	1032
96/05/07	1035	96/05/23	1032
96/05/08	1033	96/05/24	1034
96/05/09	1035	96/05/25	1039
96/05/10	1033	96/05/26	1036
96/05/11	1034	96/05/27	1040
96/05/12	1037	96/05/28	1039
96/05/13	1033	96/05/29	1035
96/05/14	1034	96/05/30	1034
96/05/15	1031	96/05/31	1021
96/05/16	1034		

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: M.E. Russo
TELEPHONE: 616-465-5901
DATE: June 3, 1996
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MAY 1996

HIGHLIGHTS*

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

The unit exited this reporting period in Mode 1 at 97% RTP ascending to 100% RTP following Main Turbine control valve testing.

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

Gross electrical generation for the month of May was 795500 MWH.

DETAILS*

05-31-96	1915	Commenced Reactor power reduction to 92% RTP for Main Turbine control valve testing.
	2110	Reactor power stabilized at 92% RTP.
	2230	Main Turbine control valve testing complete.
	2237	Commenced Reactor power ascension to 100% RTP.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MAY 1996

DOCKET NO: 50-315
UNIT NAME: D.C. COOK UNIT 1
DATE: June 3, 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
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