

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: AUTHOR AFFILIATION
 MINOR, J.W. American Electric Power Co., Inc.
 RUSSO, M.E. American Electric Power Co., Inc.
 SAMPSON, J.R. American Electric Power Co., Inc.
 RECIP. NAME: RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1997 for DC Cook Nuclear
 Plant Unit 1.W/970402 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

April 2, 1997

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 March 1997 is submitted.

Sincerely,

J.R. Sampson
Plant Manager

/mr

Attachment

c: NRC Region III
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INPO Records Center
ANI Nuclear Engineering Department
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N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	Apr. 2, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Mar-97
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

Notes:

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 Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	744.0	2160.0	195024.0
12. No. of Hrs. Reactor Was Critical	3.2	1419.2	148006.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	3.0	1419.0	145620.8
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	1544.4	4270359.4	430075156.4
17. Gross Electrical Energy Gen. (MWH)	500.0	1414580.0	139714490.0
18. Net Electrical Energy Gen. (MWH)	418.0	1362895.0	134414256.0
19. Unit Service Factor	0.4	65.7	75.5
20. Unit Availability Factor	0.4	65.7	75.5
21. Unit Capacity Factor (MDC Net)	0.1	63.1	68.7
22. Unit Capacity Factor (DER Net)	0.1	61.9	67.0
23. Unit Forced Outage Rate	0.0	0.0	5.9

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: April 14, 1997

26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50 - 315
D.C. Cook Unit 1
Apr. 2, 1997
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

MARCH 1997

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
3/1/97	17	3/17/97	0
3/2/97	0	3/18/97	0
3/3/97	0	3/19/97	0
3/4/97	0	3/20/97	0
3/5/97	0	3/21/97	0
3/6/97	0	3/22/97	0
3/7/97	0	3/23/97	0
3/8/97	0	3/24/97	0
3/9/97	0	3/25/97	0
3/10/97	0	3/26/97	0
3/11/97	0	3/27/97	0
3/12/97	0	3/28/97	0
3/13/97	0	3/29/97	0
3/14/97	0	3/30/97	0
3/15/97	0	3/31/97	0
3/16/97	0		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE
PAGE

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D.C. Cook Unit 1
Apr. 2, 1997
ME Russo
616-697-5100
1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1997

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 30% RTP and reducing power in preparation for the cycle 15 to 16 maintenance and refueling outage.

Commenced cycle 15 to 16 maintenance and refueling outage March 1, 1997 at 0312 following a manual trip of the reactor. Outage activities continued this entire period.

The unit exited this reporting period in Mode 6 with Reactor core reload complete.

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

Gross electrical generation for the month of March was 500 MWh.

DETAILS

03-01-97	0300	Manually tripped Main Turbine Generator.
	0312	Manually tripped Reactor to commence cycle 15 to 16 maintenance and refueling outage. Entered Reactor Mode 3.
	2035	Entered Reactor Mode 4.
03-02-97	0825	Entered Reactor Mode 5.
03-08-97	0303	Entered Reactor Mode 6.
03-11-97	1345	Commenced Reactor fuel off-load core alterations.
03-13-97	2310	Core alterations complete. All fuel off-loaded to the Spent Fuel Pool.
03-29-97	1543	Commenced Reactor refueling core alterations.
03-31-97	1527	Core alterations complete.

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UNIT NAME	D.C. Cook Unit 1
DATE	Apr. 2, 1997
COMPLETED BY	ME Russo
TELEPHONE	616-697-5100
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - MARCH 1997

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
330	030197	S	740.8	B,C	2	N/A	N/A	N/A	The Reactor was manually tripped for commencement of the cycle 15 to 16 maintenance and refueling outage on 030197 at 0312.

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