

CATEGORY 1

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

SUBJECT: Monthly operating rept for Dec 1997 for Donald C Cook
 Nuclear Plant,Unit 1.W/980108 ltr.

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

January 8, 1998

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 December 1997 is submitted.

Sincerely,

J.R. Sampson
Plant Manager

/jc

Attachment

c: NRC Region III
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146669

IE0411



N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	January 6, 1998
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Dec-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	8760.0	201624.0
12. No. of Hrs. Reactor Was Critical	0.0	4698.0	151285.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	4612.3	148821.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	0.0	14390017.0	440194814.0
17. Gross Electrical Energy Gen. (MWH)	0.0	4714030.0	143013940.0
18. Net Electrical Energy Gen. (MWH)	0.0	4546279.0	137597640.0
19. Unit Service Factor	0.0	52.7	74.6
20. Unit Availability Factor	0.0	52.7	74.6
21. Unit Capacity Factor (MDC Net)	0.0	51.9	68.0
22. Unit Capacity Factor (DER Net)	0.0	50.9	66.3
23. Unit Forced Outage Rate	100.0	37.3	7.4

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:
To be Determined.

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO.
UNIT NAME
DATE
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TELEPHONE

50 - 315
D.C. Cook Unit 1
January 6, 1998
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

December 1997

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

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JF Center
616-697-5098
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MONTHLY OPERATING ACTIVITIES - December 1997

HIGHLIGHTS

The unit entered this reporting period in Mode 5 at 0% RTP.

The unit exited this reporting period in Mode 5 at 0% RTP.

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

Gross electrical generation for the month of December was 0 MWh.

DETAILS*

10/01/97

The Reactor was shutdown 09/08/97 to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

* All times are in Eastern Standard Time (EST).

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DATE	January 6, 1998
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
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UNIT SHUTDOWNS AND POWER REDUCTIONS - DECEMBER 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
333	090897	F	720.0	F	2	97-010 97-011 97-012 97-013 97-014 97-016	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	The unit was shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

1 TYPE: 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 SYSTEM: Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	5 COMPONENT: Exhibit I: Same Source
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