

# CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 AUTH. NAME AUTHOR AFFILIATION  
 RUSSO, M.E. Indiana Michigan Power Co.  
 MINOR, J.W. Indiana Michigan Power Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for Donald C Cook  
 Nuclear Plant, Unit 2.W/970303 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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

March 3, 1997

Gentlemen,

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2  
Technical Specification 6.9.1.10, the attached Monthly Operating Report  
for the month of February 1997 is submitted.

Sincerely,

A handwritten signature in dark ink, appearing to read 'J.R. Sampson', with a stylized flourish at the end.

J.R. Sampson  
Plant Manager

/mr

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  
S.J. Brewer  
D.W. Paul  
J.A. Kobyra  
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 - 316
DATE	Mar. 3, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Feb-97
3. Licensed Thermal Power (MWt)	3411
4. Name Plate Rating (Gross MWe)	1133
5. Design Electrical Rating (Net MWe)	1090
6. Maximum Dependable Capacity (GROSS MWe)	1100
7. Maximum Dependable Capacity (Net MWe)	1060

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	672.0	1416.0	167976.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	117427.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	672.0	1416.0	113863.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	1951801.5	4365790.7	351544057.7
17. Gross Electrical Energy Gen. (MWH)	637760.0	1432280.0	113936670.0
18. Net Electrical Energy Gen. (MWH)	614632.0	1382732.0	109765298.0
19. Unit Service Factor	100.0	100.0	68.8
20. Unit Availability Factor	100.0	100.0	68.8
21. Unit Capacity Factor (MDC Net)	86.3	92.1	62.5
22. Unit Capacity Factor (DER Net)	83.9	89.6	60.8
23. Unit Forced Outage Rate	0.0	0.0	14.0

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):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast

Achieved

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE

50 - 316  
D.C. Cook Unit 2  
Mar. 3, 1997  
JW Minor  
616-465-5901

**AVERAGE DAILY POWER LEVEL (MWe-Net)**

**FEBRUARY 1997**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
2/1/97	1090	2/17/97	998
2/2/97	1096	2/18/97	1098
2/3/97	1092	2/19/97	1098
2/4/97	1090	2/20/97	1093
2/5/97	1090	2/21/97	1095
2/6/97	1092	2/22/97	1093
2/7/97	1062	2/23/97	1092
2/8/97	564	2/24/97	1091
2/9/97	550	2/25/97	1097
2/10/97	549	2/26/97	1093
2/11/97	550	2/27/97	1096
2/12/97	552	2/28/97	1096
2/13/97	550		
2/14/97	551		
2/15/97	548		
2/16/97	545		

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE  
PAGE

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D.C. Cook Unit 2  
Mar. 3, 1997  
ME Russo  
616-697-5100  
1 of 1

## MONTHLY OPERATING ACTIVITIES - FEBRUARY 1997

### HIGHLIGHTS

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

Reactor power was reduced to 55% RTP on February 8 to facilitate planned East Main Feedpump maintenance and testing. The unit was restored to 100% RTP on February 17 at 1000.

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

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

Gross electrical generation for the month of February was 637760 MWH.

### DETAILS

02-07-97	1944	Commenced Reactor power reduction to facilitate planned maintenance on the East Main Feedpump.
02-08-97	0307	Reactor power at 57% RTP.
	0344	East Main Feedpump manually tripped.
	0445	Reactor power stabilized at 55% RTP.
02-16-97	2347	Commenced Reactor power ascension.
02-17-97	0704	Reactor power stabilized at 89.5% RTP to perform a thermal power evaluation.
	0714	Evaluation complete. Commenced power ascension.
	1000	Reactor power stabilized at 100% RTP.

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit-2
DATE	Mar. 3, 1997
COMPLETED BY	ME Russo
TELEPHONE	616-697-5100
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### UNIT SHUTDOWNS AND POWER REDUCTIONS - FEBRUARY 1997

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
255	020897	S	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 55% RTP 020897 at 0445 to facilitate planned maintenance and testing on the East Main Feedpump. The unit was restored to 100% RTP 021797 at 1000.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1: Manual  
2: Manual Scram  
3: Automatic Scram  
4: Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)

<sup>5</sup>  
Exhibit I: Same Source

