

# CATEGORY 1

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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316  
 AUTH. NAME      AUTHOR AFFILIATION  
 MINOR, J.W.      Indiana Michigan Power Co.  
 CENTER, J.F.      Indiana Michigan Power Co.  
 COOPER, D.E.      Indiana Michigan Power Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug. 1998 for DC Cook Nuclear Plant, Unit 2.W/980903 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



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

September 3, 1998

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 August 1998 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'D.E. Cooper'.

D.E. Cooper  
Plant Manager

/jc

Attachment

c: NRC Region III  
INPO Records Center  
ANI Nuclear Engineering Department  
D.R. Hahn  
S. Hamming  
B. Lewis  
R.P. Powers  
J.R. Sampson  
B.L. Bartlett  
P.A. Barrett  
D.W. Paul  
D.L. Noble  
W.H. Schalk  
D.G. Turner  
G. John  
D.P. Lynch  
R.G. Pickard  
G.T. Gaffney

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# N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	September 2, 1998
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Aug-98
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	744.0	5832.0	181152.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	121771.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	0.0	118153.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	0.0	0.0	366007650.4
17. Gross Electrical Energy Gen. (MWH)	0.0	0.0	118584640.0
18. Net Electrical Energy Gen. (MWH)	0.0	0.0	114257779.0
19. Unit Service Factor	0.0	0.0	66.1
20. Unit Availability Factor	0.0	0.0	66.1
21. Unit Capacity Factor (MDC Net)	0.0	0.0	60.2
22. Unit Capacity Factor (DER Net)	0.0	0.0	58.6
23. Unit Forced Outage Rate	100.0	100.0	17.7

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  
COMPLETED BY  
TELEPHONE

50 - 316  
D.C. Cook Unit 2  
September 2, 1998  
JW Minor  
616-465-5901

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

**August 1998**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
8/1/98	0	8/17/98	0
8/2/98	0	8/18/98	0
8/3/98	0	8/19/98	0
8/4/98	0	8/20/98	0
8/5/98	0	8/21/98	0
8/6/98	0	8/22/98	0
8/7/98	0	8/23/98	0
8/8/98	0	8/24/98	0
8/9/98	0	8/25/98	0
8/10/98	0	8/26/98	0
8/11/98	0	8/27/98	0
8/12/98	0	8/28/98	0
8/13/98	0	8/29/98	0
8/14/98	0	8/30/98	0
8/15/98	0	8/31/98	0
8/16/98	0		

DOCKET NO.  
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September 2, 1998  
JF Center  
616-697-5098  
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## MONTHLY OPERATING ACTIVITIES - August 1998

### HIGHLIGHTS

The unit entered this reporting period in Mode 6 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 August was 0 MWh.

### DETAILS

08/01/98

Unit remained shutdown the entire reporting period to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

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UNIT NAME	D.C. Cook Unit 2.
DATE	September 2, 1998
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS - August 1998

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
335	010798	F	720.0	F	4	N/A	N/A	N/A	The unit remained shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

<b><u>1 TYPE:</u></b> F: Forced S: Scheduled	<b><u>2 REASON:</u></b> 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)	<b><u>3 METHOD:</u></b> 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	<b><u>4 SYSTEM:</u></b> Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	<b><u>5 COMPONENT:</u></b> Exhibit I: Same Source
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