

Indiana Michigan  
Power Company  
Cook Nuclear Plant  
One Cook Plant  
Bridgman, MI 49106  
616 465 5901



December 8, 1999

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Document Control Manager:

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2 Technical Specification 6.9.1.8, the attached Monthly Operating Report for November 1999 is submitted.

Sincerely,

R. C. Godley  
Regulatory Affairs Director

RCG/mbd

Attachments

- c: ANI Nuclear Engineering Department  
A. C. Bakken, III  
G. T. Gaffney - Canton  
D. R. Hahn - Department of Health  
S. Hamming - Department of Labor  
INPO Records Center  
G. John  
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D. H. Malin  
NRC Project Manager - NRR  
NRC Region III  
NRC Resident Inspector  
T. P. Noonan  
D. W. Paul - Lancaster  
J. E. Pollock  
R. P. Powers  
Regulatory Licensing Manager  
M. W. Rencheck  
W. H. Schalk  
D. G. Turner

PDL ADOCL 0500 03/6

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# NRC OPERATING DATA REPORT

DOCKET NO. 50 - 316  
 DATE December 3, 1999  
 COMPLETED BY J. W. Minor  
 TELEPHONE 616-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period Nov-99  
 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	720.0	8016.0	192546.0
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	62.1
20. Unit Availability Factor	0.0	0.0	62.1
21. Unit Capacity Factor (MDC Net)	0.0	0.0	56.6
22. Unit Capacity Factor (DER Net)	0.0	0.0	55.1
23. Unit Forced Outage Rate	100.0	100.0	23.6

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 2000

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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

**November 1999**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/99	0	11/17/99	0
11/2/99	0	11/18/99	0
11/3/99	0	11/19/99	0
11/4/99	0	11/20/99	0
11/5/99	0	11/21/99	0
11/6/99	0	11/22/99	0
11/7/99	0	11/23/99	0
11/8/99	0	11/24/99	0
11/9/99	0	11/25/99	0
11/10/99	0	11/26/99	0
11/11/99	0	11/27/99	0
11/12/99	0	11/28/99	0
11/13/99	0	11/29/99	0
11/14/99	0	11/30/99	0
11/15/99	0		
11/16/99	0		

DOCKET NO. 50 - 316  
 UNIT NAME D.C. Cook Unit 2  
 DATE December 6, 1999  
 COMPLETED BY S. Cherba  
 TELEPHONE 616-465-5901  
 PAGE 1 of 1

**UNIT SHUTDOWNS AND POWER REDUCTIONS – November 1999**

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
333	090897	F	162.0	F	2	97-003 97-004 97-005	N/A	N/A	The unit was shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.
334	101397	S	582.0	C	4	N/A	N/A	N/A	The scheduled refueling outage commenced while the unit has been shutdown to resolve design basis questions discovered during the NRC AE Inspection.
335	010798	F	720.0	F	4	N/A	N/A	N/A	The unit remained shutdown to resolve design basis questions identified during the NRC Architect and Engineering (AE) Inspection.

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