

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



November 9, 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 1 Technical Specification 6.9.1.8, the attached Monthly Operating Report for October 1999 is submitted.

Sincerely,

R. C. Godley  
Regulatory Affairs Director

RCG/mbd

Attachment

c: NRC Region III  
NRC Project Manager – NRR  
NRC Resident Inspector  
ANI Nuclear Engineering Department  
INPO Records Center

A. C. Bakken, III  
G. T. Gaffney – Canton  
D. R. Hahn – Department of Health  
S. Hamming – Department of Labor  
G. John  
B. Lewis – McGraw-Hill Companies  
D. H. Malin  
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

IE24

0500315 R  
10/31/99

# NRC OPERATING DATA REPORT

DOCKET NO. 50 - 315  
 DATE November 4, 1999  
 COMPLETED BY J. W. Minor  
 TELEPHONE 616-465-5901

**OPERATING STATUS**

- 1. Unit Name D. C. Cook Unit 1
- 2. Reporting Period Oct-99
- 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	7320.0	217704.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	151285.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	0.0	148821.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	0.0	0.0	440194814.0
17. Gross Electrical Energy Gen. (MWH)	0.0	0.0	143013940.0
18. Net Electrical Energy Gen. (MWH)	0.0	0.0	137597640.0
19. Unit Service Factor	0.0	0.0	68.9
20. Unit Availability Factor	0.0	0.0	68.9
21. Unit Capacity Factor (MDC Net)	0.0	0.0	62.9
22. Unit Capacity Factor (DER Net)	0.0	0.0	61.3
23. Unit Forced Outage Rate	100.0	100.0	16.0

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: \_\_\_\_\_  
 September 2000

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO.	50 - 315
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**AVERAGE DAILY POWER LEVEL (MWe-Net)**

**October 1999**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/99	0	10/17/99	0
10/2/99	0	10/18/99	0
10/3/99	0	10/19/99	0
10/4/99	0	10/20/99	0
10/5/99	0	10/21/99	0
10/6/99	0	10/22/99	0
10/7/99	0	10/23/99	0
10/8/99	0	10/24/99	0
10/9/99	0	10/25/99	0
10/10/99	0	10/26/99	0
10/11/99	0	10/27/99	0
10/12/99	0	10/28/99	0
10/13/99	0	10/29/99	0
10/14/99	0	10/30/99	0
10/15/99	0	10/31/99	0
10/16/99	0		

DOCKET NO. 50 - 315  
 UNIT NAME D.C. Cook Unit 1  
 DATE November 5, 1999  
 COMPLETED BY S. A. Richardson  
 TELEPHONE 616-465-5901  
 PAGE 1 of 1

**UNIT SHUTDOWNS AND POWER REDUCTIONS - October 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	744.0	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 remained 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