

Indiana Michigan  
Power Company  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
616-465-5801



October 11, 2000

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 September 2000 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read 'Wayne J. Kropp', is written over the typed name.

Wayne J. Kropp  
Regulatory Affairs Director

WJK/bwo

**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
  - RAF Harris
  - INPO Records Center
  - B. Lewis – McGraw-Hill Companies
  - B. A. McIntyre
  - D. H. Malin
  - NDM
  - NRC Project Manager – NRR
  - NRC Region III
  - NRC Resident Inspector
  - D. W. Paul – Lancaster
  - J. E. Pollock
  - R. P. Powers
  - M. W. Rencheck
  - W. H. Schalk

# NRC OPERATING DATA REPORT

DOCKET NO. 50 - 316  
 DATE October 3, 2000  
 COMPLETED BY J. W. Minor  
 TELEPHONE 616-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period Sept - 2000  
 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	6576.0	199866.0
12. No. of Hrs. Reactor Was Critical	720.0	2405.5	124176.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	2349.0	120502.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2449493.7	7774951.5	373782601.9
17. Gross Electrical Energy Gen. (MWH)	787790.0	2478750.0	121063390.0
18. Net Electrical Energy Gen. (MWH)	761792.0	2394292.0	116652071.0
19. Unit Service Factor	100.0	35.7	61.0
20. Unit Availability Factor	100.0	35.7	61.0
21. Unit Capacity Factor (MDC Net)	99.8	34.3	55.6
22. Unit Capacity Factor (DER Net)	97.1	33.4	54.1
23. Unit Forced Outage Rate	0	64.3	25.6

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: \_\_\_\_\_  
 \_\_\_\_\_

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 - 316  
D.C. Cook Unit 2  
October 3, 2000  
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**AVERAGE DAILY POWER LEVEL (MWe-Net)**

**September 2000**

<b>DAY</b>	<b>AVERAGE DAILY POWER LEVEL</b>	<b>DAY</b>	<b>AVERAGE DAILY POWER LEVEL</b>
9/1/2000	1056	9/16/2000	1051
9/2/2000	1016	9/17/2000	1070
9/3/2000	1052	9/18/2000	1038
9/4/2000	1059	9/19/2000	1049
9/5/2000	1086	9/20/2000	1055
9/6/2000	1074	9/21/2000	1064
9/7/2000	1073	9/22/2000	1060
9/8/2000	1050	9/23/2000	1081
9/9/2000	1046	8/24/2000	1075
9/10/2000	1037	9/25/2000	1070
9/11/2000	1048	9/26/2000	1060
9/12/2000	1046	9/27/2000	1069
9/13/2000	1044	9/28/2000	1077
9/14/2000	1045	9/29/2000	1060
9/15/2000	1059	9/30/2000	1071

DOCKET NO. 50 - 316  
 UNIT NAME D.C. Cook Unit 2  
 DATE October 10, 2000  
 COMPLETED BY BW O'Rourke  
 TELEPHONE 616-465-5901  
 PAGE 1 of 1

**UNIT SHUTDOWNS AND POWER REDUCTIONS – September 2000**

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
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**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