

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



January 14, 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 December 1999 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert C. Godley', is written over the typed name and title.

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
B. Lewis – McGraw-Hill Companies
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

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 316
DATE January 5, 2000
COMPLETED BY J. W. Minor
TELEPHONE 616-465-5901

OPERATING STATUS

- | | | |
|---|-------------------|--------|
| 1. Unit Name | D. C. Cook Unit 2 | Notes: |
| 2. Reporting Period | Dec-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 | |
| 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	8760.0	193290.0
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	61.8
20. Unit Availability Factor	0.0	0.0	61.8
21. Unit Capacity Factor (MDC Net)	0.0	0.0	56.3
22. Unit Capacity Factor (DER Net)	0.0	0.0	54.9
23. Unit Forced Outage Rate	100.0	100.0	24.0

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: _____
 April 2000

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
January 5, 2000
J. W. Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

December 1999

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

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE January 9, 2000
 COMPLETED BY MB Depuydt
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - December 1999

NO.	DATE	TYPE ¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	COMPONENT CODE ⁵	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	744.0	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.

* Historical values included for consistency with CNP Unit 1

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