

Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1395



December 5, 2003

AEP:NRC:2691-37

Docket Nos. 50-315
50-316

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
MONTHLY OPERATING REPORT

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1 and Unit 2 Technical Specification 6.9.1.8, the attached Monthly Operating Report for November 2003 is submitted.

There are no new commitments associated with this submittal.

Should you have any questions, please contact Mr. Brian D. Mann, Acting Manager of Regulatory Affairs, at (269) 697-5806.

Sincerely,

A handwritten signature in black ink, appearing to read 'JAZ', is written over the word 'Sincerely,'.

John A. Zwolinski
Director, Design Engineering and Regulatory Affairs

JEN/jen

Attachment

JE24

c: R. Aben – Department of Consumers and Industry Services
ANI Nuclear Engineering Department
L. Brandon – MDEQ- WHMD/HWRPS
M. J. Finissi
G. T. Gaffney – Canton
J. B. Giessner
INPO Records Center
J. N. Jensen
B. Lewis – McGraw-Hill Companies
D. H. Malin
B. D. Mann
K. L. Matheny
M. K. Nazar
NRC Project Manager – NRR
NRC Region III
NRC Resident Inspector
D. W. Paul – Columbus
T. C. Pham
W. H. Schalk
J. A. Zwolinski

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 12/3/2003
 COMPLETED BY T. Pham
 TELEPHONE 269-465-5901

OPERATING STATUS

- | | | |
|------------------------------------------------------------------------------------------------|-------------------|--|
| 1. Unit Name | D. C. Cook Unit 1 | |
| 2. Reporting Period | Nov-03 | |
| 3. Licensed Thermal Power (MWt) | 3304 | |
| 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 | |
| 8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons | | |

Notes:

-
9. Power Level To Which Restricted. If Any (Net MWe) _____
10. Reasons For Restrictions. _____
-

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	8016.0	253464.0
12. No. of Hrs. Reactor Was Critical	125.7	5808.7	173157.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	99.1	5746.7	170435.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	135025.2	18653996.0	508923070.6
17. Gross Elect. Energy Gen. (MWH)	37440.0	6002323.0	165244753.0
18. Net Elect. Energy Gen. (MWH)	33916.6	5799480.4	159074676.9
19. Unit Service Factor	13.8	71.7	67.7
20. Unit Availability Factor	13.8	71.7	67.7
21. Unit Capacity Factor (MDC Net)	4.7	72.3	64.2
22. Unit Capacity Factor (DER Net)	4.6	70.9	62.9
23. Unit Forced Outage Rate	0.0	18.6	19.2
24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration):	_____		

25. If Shut Down At End of Report Period, Est'd Date of Startup: _____

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
UNIT ONE
DATE 03-Dec-03
COMPLETED BY T. Pham
TELEPHONE 269-465-5901

MONTH Nov-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2003	0	11/17/2003	0
11/2/2003	0	11/18/2003	0
11/3/2003	0	11/19/2003	0
11/4/2003	0	11/20/2003	0
11/5/2003	0	11/21/2003	0
11/6/2003	0	11/22/2003	0
11/7/2003	0	11/23/2003	0
11/8/2003	0	11/24/2003	0
11/9/2003	0	11/25/2003	0
11/10/2003	0	11/26/2003	12
11/11/2003	0	11/27/2003	146
11/12/2003	0	11/28/2003	239
11/13/2003	0	11/29/2003	398
11/14/2003	0	11/30/2003	618
11/15/2003	0		
11/16/2003	0		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE December 3, 2003
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – November 2003

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
349	031018	S	620.9	C	2	N/A	N/A	N/A	Scheduled refueling outage.

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

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 12/3/2003

COMPLETED BY T. Pham

TELEPHONE 269-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 2
- 2. Reporting Period Nov-03
- 3. Licensed Thermal Power (MWt) 3468
- 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

Notes:

-
- 9. Power Level To Which Restricted. If Any (Net MWe) _____
 - 10. Reasons For Restrictions. _____
-

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	8016.0	227610.0
12. No. of Hrs. Reactor Was Critical	720.0	6005.7	147573.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	5930.2	143670.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2495461.8	20115598.6	451339295.9
17. Gross Elect. Energy Gen. (MWH)	823150.0	6570670.0	146344370.0
18. Net Elect. Energy Gen. (MWH)	799063.0	6365971.8	141118711.1
19. Unit Service Factor	100.0	74.0	63.8
20. Unit Availability Factor	100.0	74.0	63.8
21. Unit Capacity Factor (MDC Net)	104.7	74.9	59.6
22. Unit Capacity Factor (DER Net)	101.8	72.9	58.0
23. Unit Forced Outage Rate	0.0	13.9	23.4
24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration):	_____		

-
- 25. If Shut Down At End of Report Period, Est'd Date of Startup: _____
-

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 3-Dec-03
COMPLETED BY T. Pham
TELEPHONE 269-465-5901

MONTH Nov-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2003	1102	11/17/2003	1125
11/2/2003	1106	11/18/2003	1099
11/3/2003	1101	11/19/2003	1111
11/4/2003	1102	11/20/2003	1110
11/5/2003	1106	11/21/2003	1112
11/6/2003	1105	11/22/2003	1104
11/7/2003	1107	11/23/2003	1110
11/8/2003	1110	11/24/2003	1112
11/9/2003	1112	11/25/2003	1113
11/10/2003	1111	11/26/2003	1113
11/11/2003	1109	11/27/2003	1110
11/12/2003	1109	11/28/2003	1112
11/13/2003	1112	11/29/2003	1116
11/14/2003	1113	11/30/2003	1116
11/15/2003	1115		
11/16/2003	1115		

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE December 3, 2003
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – November 2003

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
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None

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
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