



**INDIANA
MICHIGAN
POWER**

A unit of American Electric Power

Indiana Michigan Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
AEP.com

March 15, 2005

AEP:NRC:2691-52

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 February 2005 is submitted.

There are no new commitments associated with this submittal.

Should you have any questions, please contact Mr. Toby K. Woods, Compliance Supervisor, at (269) 466-2798.

Sincerely,

Joseph N. Jensen
Site Vice President

JEN/jen

Attachment

JEN24

c: R. Aben – Department of Labor and Economic Growth
ANI Nuclear Engineering Department
L. Brandon – MDEQ - WHMD/HWRPS
D. P. Fadel
M. J. Finissi
G. T. Gaffney – Canton
R. A. F. Harris
INPO Records Center
J. N. Jensen
J. T. King - MPSC
B. Lewis – McGraw-Hill Companies
D. H. Malin
K. L. Matheny
M. K. Nazar
NRC Project Manager – NRR
NRC Region III
NRC Resident Inspector
D. W. Paul – Columbus
W. H. Schalk
J. A. Zwolinski

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 3/3/2005
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

- | | | |
|--|-------------------|--------|
| 1. Unit Name | D. C. Cook Unit 1 | Notes: |
| 2. Reporting Period | Feb-05 | |
| 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 | | |

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	672.0	1416.0	264408.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	183917.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	672.0	1416.0	181184.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2218229.8	4673638.4	544345696.3
17. Gross Elect. Energy Gen. (MWH)	724440.0	1524130.0	176700853.0
18. Net Elect. Energy Gen. (MWH)	700873.0	1474384.0	170151145.7
19. Unit Service Factor	100.0	100.0	69.0
20. Unit Availability Factor	100.0	100.0	69.0
21. Unit Capacity Factor (MDC Net)	104.3	104.1	65.7
22. Unit Capacity Factor (DER Net)	102.3	102.1	64.5
23. Unit Forced Outage Rate	0.0	0.0	18.2

24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration):

Refueling outage currently scheuled for Spring 2005 with a planned duration of approximately 35 days.

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-Mar-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Feb-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
2/1/2005	1050	2/17/2005	1044
2/2/2005	1040	2/18/2005	1036
2/3/2005	1041	2/19/2005	1049
2/4/2005	1041	2/20/2005	1040
2/5/2005	1053	2/21/2005	1043
2/6/2005	1035	2/22/2005	1044
2/7/2005	1040	2/23/2005	1047
2/8/2005	1043	2/24/2005	1051
2/9/2005	1044	2/25/2005	1058
2/10/2005	1044	2/26/2005	1018
2/11/2005	1041	2/27/2005	1043
2/12/2005	1043	2/28/2005	1045
2/13/2005	1045		
2/14/2005	1041		
2/15/2005	1045		
2/16/2005	1042		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE March 3, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – February 2005

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
-----	------	-------------------	-------------------	---------------------	---	---------------------------------	-----------------------------	--------------------------------	--

None

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

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 3/3/2005

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period Feb-05

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	672.0	1416.0	238554.0
12. No. of Hrs. Reactor Was Critical	672.0	1391.0	157140.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	672.0	1381.4	153143.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2328157.8	4742118.8	483624456.6
17. Gross Elect. Energy Gen. (MWH)	777280.0	1581100.0	156896668.0
18. Net Elect. Energy Gen. (MWH)	753537.0	1532312.0	151335726.6
19. Unit Service Factor	100.0	97.6	64.8
20. Unit Availability Factor	100.0	97.6	64.8
21. Unit Capacity Factor (MDC Net)	105.8	102.1	61.0
22. Unit Capacity Factor (DER Net)	102.9	99.3	59.3
23. Unit Forced Outage Rate	0.0	0.0	22.4
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):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast

Achieved

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 3-Mar-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Feb-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
2/1/2005	1117	2/17/2005	1125
2/2/2005	1120	2/18/2005	1114
2/3/2005	1133	2/19/2005	1162
2/4/2005	1115	2/20/2005	1080
2/5/2005	1114	2/21/2005	1121
2/6/2005	1133	2/22/2005	1137
2/7/2005	1105	2/23/2005	1102
2/8/2005	1121	2/24/2005	1120
2/9/2005	1119	2/25/2005	1124
2/10/2005	1134	2/26/2005	1123
2/11/2005	1109	2/27/2005	1123
2/12/2005	1126	2/28/2005	1136
2/13/2005	1126		
2/14/2005	1119		
2/15/2005	1112		
2/16/2005	1127		

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE March 3, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – February 2005

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.

- | | | | | |
|--|--|---|--|--|
| <p>1 TYPE:
 F: Forced
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 D: Regulatory Restriction
 E: Operator Training and
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 F: Administrative
 G: Operational Error (Explain)
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 1: Manual
 2: Manual Scram
 3: Automatic Scram
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 (NUREG 0161)</p> | <p>5 COMPONENT:
 Exhibit I: Same Source</p> |
|--|--|---|--|--|