



**INDIANA
MICHIGAN
POWER**

A unit of American Electric Power

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

June 14, 2005

AEP:NRC:2691-55

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**

In accordance with 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 May 2005 is submitted.

There are no new commitments associated with this submittal.

Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Supervisor, at (269) 466-2649.

Sincerely,

Joseph N. Jensen
Site Vice President

JEN/jen

Attachment

JEN4

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 6/3/2005
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 1
- 2. Reporting Period May-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

Notes:

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- 9. Power Level To Which Restricted. If Any (Net MWe) _____
 - 10. Reasons For Restrictions. _____
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	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	3623.0	266615.0
12. No. of Hrs. Reactor Was Critical	744.0	2880.8	185382.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	2856.6	182625.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2455223.0	9262611.7	548934669.6
17. Gross Elect. Energy Gen. (MWH)	788640.0	3004670.0	178181393.0
18. Net Elect. Energy Gen. (MWH)	762116.0	2904117.7	171580879.4
19. Unit Service Factor	100.0	78.8	69.0
20. Unit Availability Factor	100.0	78.8	69.0
21. Unit Capacity Factor (MDC Net)	102.4	80.2	65.7
22. Unit Capacity Factor (DER Net)	100.4	78.6	64.5
23. Unit Forced Outage Rate	0.0	0.0	18.1
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-Jun-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH May-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2005	1017	5/17/2005	1027
5/2/2005	1017	5/18/2005	1024
5/3/2005	1016	5/19/2005	1038
5/4/2005	1023	5/20/2005	1020
5/5/2005	1017	5/21/2005	1025
5/6/2005	1022	5/22/2005	1026
5/7/2005	1031	5/23/2005	1040
5/8/2005	1024	5/24/2005	1011
5/9/2005	1032	5/25/2005	1026
5/10/2005	1014	5/26/2005	1033
5/11/2005	1027	5/27/2005	1015
5/12/2005	1045	5/28/2005	1028
5/13/2005	1002	5/29/2005	1021
5/14/2005	1027	5/30/2005	1060
5/15/2005	1032	5/31/2005	997
5/16/2005	1018		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS – May 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
 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 6/3/2005
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period May-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	744.0	3623.0	240761.0
12. No. of Hrs. Reactor Was Critical	744.0	3598.0	159347.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	3588.4	155350.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2565723.0	12375322.7	491257660.4
17. Gross Elect. Energy Gen. (MWH)	847960.0	4119890.0	159435458.0
18. Net Elect. Energy Gen. (MWH)	821733.0	3992842.0	153796256.6
19. Unit Service Factor	100.0	99.0	65.2
20. Unit Availability Factor	100.0	99.0	65.2
21. Unit Capacity Factor (MDC Net)	104.2	104.0	61.4
22. Unit Capacity Factor (DER Net)	101.3	101.1	59.7
23. Unit Forced Outage Rate	0.0	0.0	22.2
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. 50-316
UNIT TWO
DATE 3-Jun-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH May-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2005	1115	5/17/2005	1116
5/2/2005	1126	5/18/2005	1096
5/3/2005	1108	5/19/2005	1115
5/4/2005	1115	5/20/2005	1112
5/5/2005	1112	5/21/2005	998
5/6/2005	1116	5/22/2005	1018
5/7/2005	1116	5/23/2005	1111
5/8/2005	1112	5/24/2005	1105
5/9/2005	1115	5/25/2005	1117
5/10/2005	1112	5/26/2005	1103
5/11/2005	1117	5/27/2005	1103
5/12/2005	1114	5/28/2005	1106
5/13/2005	1116	5/29/2005	1116
5/14/2005	1115	5/30/2005	1087
5/15/2005	1118	5/31/2005	1099
5/16/2005	1108		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS – May 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.

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
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