



Indiana Michigan
Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106
aep.com

November 11, 2005

AEP:NRC:2691-60

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 5.6.4, the attached Monthly Operating Report for October 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,

A handwritten signature in black ink, appearing to read "Joe Jensen", with a long horizontal line extending to the right.

Joseph N. Jensen
Site Vice President

JEN/jen

Attachment

JEZ4

c: R. Aben – Department of Labor and Economic Growth
ANI Nuclear Engineering Department
L. Brandon – MDEQ - WHMD/RPMWS
D. P. Fadel
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
L. J. Weber
J. A. Zwolinski

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 11/7/2005

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Oct-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:

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	745.0	7296.0	270288.0
12. No. of Hrs. Reactor Was Critical	745.0	6536.4	189037.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	745.0	6478.1	186246.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2458872.4	21158881.2	560830939.1
17. Gross Elect. Energy Gen. (MWH)	791369.0	6762999.0	181939722.0
18. Net Elect. Energy Gen. (MWH)	765125.0	6534208.7	175210970.4
19. Unit Service Factor	100.0	88.8	69.4
20. Unit Availability Factor	100.0	88.8	69.4
21. Unit Capacity Factor (MDC Net)	102.7	89.6	66.2
22. Unit Capacity Factor (DER Net)	100.7	87.8	64.9
23. Unit Forced Outage Rate	0.0	0.3	17.8
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. 50-315
UNIT ONE
DATE 07-Nov-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Oct-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2005	1041	10/17/2005	1029
10/2/2005	1014	10/18/2005	1022
10/3/2005	1028	10/19/2005	1026
10/4/2005	1021	10/20/2005	1035
10/5/2005	1031	10/21/2005	1023
10/6/2005	1017	10/22/2005	1029
10/7/2005	1026	10/23/2005	1028
10/8/2005	1032	10/24/2005	1032
10/9/2005	1031	10/25/2005	1031
10/10/2005	1042	10/26/2005	1021
10/11/2005	1026	10/27/2005	1032
10/12/2005	1030	10/28/2005	1027
10/13/2005	1040	10/29/2005	1026
10/14/2005	1013	10/30/2005	991
10/15/2005	1031	10/31/2005	1037
10/16/2005	1027		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	November 7, 2005
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 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

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 11/7/2005

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period Oct-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	745.0	7296.0	244434.0
12. No. of Hrs. Reactor Was Critical	745.0	7242.0	162991.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	745.0	7224.6	158986.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2579686.0	24929040.3	503811378.0
17. Gross Elect. Energy Gen. (MWH)	840540.0	8147820.0	163463388.0
18. Net Elect. Energy Gen. (MWH)	813792.0	7891764.0	157695178.6
19. Unit Service Factor	100.0	99.0	65.7
20. Unit Availability Factor	100.0	99.0	65.7
21. Unit Capacity Factor (MDC Net)	103.1	102.0	62.0
22. Unit Capacity Factor (DER Net)	100.2	99.2	60.3
23. Unit Forced Outage Rate	0.0	0.0	21.8
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 7-Nov-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Oct-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2005	1122	10/17/2005	1092
10/2/2005	1053	10/18/2005	1088
10/3/2005	1093	10/19/2005	1103
10/4/2005	1092	10/20/2005	1077
10/5/2005	1088	10/21/2005	1099
10/6/2005	1073	10/22/2005	1082
10/7/2005	1087	10/23/2005	1089
10/8/2005	1093	10/24/2005	1101
10/9/2005	1111	10/25/2005	1101
10/10/2005	1143	10/26/2005	1107
10/11/2005	1056	10/27/2005	1090
10/12/2005	1102	10/28/2005	1097
10/13/2005	1096	10/29/2005	1099
10/14/2005	1096	10/30/2005	1057
10/15/2005	1092	10/31/2005	1097
10/16/2005	1087		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	November 7, 2005
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 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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