



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

October 14, 2005

AEP:NRC:2691-59

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 September 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 "Jensen", is written over a circular stamp or mark.

Joseph N. Jensen
Site Vice President

JEN/jen

Attachment

JE24

c: R. Aben – Department of Labor and Economic Growth
ANI Nuclear Engineering Department
L. Brandon – MDEQ - WHMD/HWRPS
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 10/6/2005
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 1
- 2. Reporting Period Sep-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	720.0	6551.0	269543.0
12. No. of Hrs. Reactor Was Critical	702.6	5791.4	188292.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	697.7	5733.1	185501.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2276461.3	18700008.8	558372066.8
17. Gross Elect. Energy Gen. (MWH)	717683.0	5971630.0	181148353.0
18. Net Elect. Energy Gen. (MWH)	693040.0	5769083.7	174445845.4
19. Unit Service Factor	96.9	87.5	69.3
20. Unit Availability Factor	96.9	87.5	69.3
21. Unit Capacity Factor (MDC Net)	96.3	88.1	66.1
22. Unit Capacity Factor (DER Net)	94.4	86.3	64.8
23. Unit Forced Outage Rate	3.1	0.4	17.9
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 06-Oct-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Sep-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
9/1/2005	995	9/17/2005	1021
9/2/2005	996	9/18/2005	1019
9/3/2005	990	9/19/2005	1017
9/4/2005	994	9/20/2005	1027
9/5/2005	995	9/21/2005	990
9/6/2005	997	9/22/2005	1008
9/7/2005	998	9/23/2005	1014
9/8/2005	1008	9/24/2005	996
9/9/2005	999	9/25/2005	52
9/10/2005	1003	9/26/2005	672
9/11/2005	998	9/27/2005	1027
9/12/2005	994	9/28/2005	1027
9/13/2005	997	9/29/2005	1036
9/14/2005	1002	9/30/2005	1011
9/15/2005	976		
9/16/2005	1019		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE October 6, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – September 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
354	050925	F	22.3	B	2	N/A	AB	P	The reactor was taken off line to repair the oil leak on Reactor Coolant Pump #13.

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 10/6/2005

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period Sep-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	720.0	6551.0	243689.0
12. No. of Hrs. Reactor Was Critical	691.0	6497.0	162246.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	683.2	6479.6	158241.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2326546.0	22349354.3	501231692.0
17. Gross Elect. Energy Gen. (MWH)	745790.0	7307280.0	162622848.0
18. Net Elect. Energy Gen. (MWH)	721521.0	7077972.0	156881386.6
19. Unit Service Factor	94.9	98.9	65.6
20. Unit Availability Factor	94.9	98.9	65.6
21. Unit Capacity Factor (MDC Net)	94.5	101.9	61.8
22. Unit Capacity Factor (DER Net)	91.9	99.1	60.1
23. Unit Forced Outage Rate	0.0	0.0	21.9
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 6-Oct-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Sep-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
9/1/2005	1067	9/17/2005	1094
9/2/2005	1059	9/18/2005	1113
9/3/2005	1056	9/19/2005	1080
9/4/2005	1062	9/20/2005	1080
9/5/2005	1052	9/21/2005	1048
9/6/2005	1051	9/22/2005	56
9/7/2005	1053	9/23/2005	52
9/8/2005	1063	9/24/2005	957
9/9/2005	1056	9/25/2005	1106
9/10/2005	1068	9/26/2005	1107
9/11/2005	1046	9/27/2005	1103
9/12/2005	1048	9/28/2005	1092
9/13/2005	1058	9/29/2005	1098
9/14/2005	1064	9/30/2005	1104
9/15/2005	1066		
9/16/2005	1105		

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE October 6, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – September 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
223	050922	S	36.8	B	2	N/A	AB	P	The reactor was taken off line to repair the oil leak on Reactor Coolant Pump #21.

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)

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