



**INDIANA
MICHIGAN
POWER**

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

December 14, 2005

AEP:NRC:2691-61

Docket Nos. 50-315
50-316

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

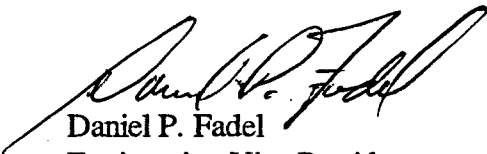
**Donald C. Cook Nuclear Plant Units 1 and 2
MONTHLY OPERATING REPORT**

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 November 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,



Daniel P. Fadel
Engineering Vice President

JEN/jen

Attachment

IE24

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
R. D. Lingle
D. H. Malin
K. L. Matheny
M. K. Nazar
NRC Project Manager – NRR
NRC Region III
NRC Resident Inspector
D. W. Paul – Columbus
M. A. Peifer
W. H. Schalk
L. J. Weber
J. A. Zwolinski

NRC OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 12/4/2005
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

- 1. Unit Name Donald C. Cook Nuclear Plant Unit 1
- 2. Reporting Period Nov-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	8016.0	271008.0
12. No. of Hrs. Reactor Was Critical	720.0	7256.4	189757.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	7198.1	186966.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2376432.9	23535314.0	563207372.0
17. Gross Elect. Energy Gen. (MWH)	772880.0	7535879.0	182712602.0
18. Net Elect. Energy Gen. (MWH)	747264.0	7281472.7	175958234.4
19. Unit Service Factor	100.0	89.8	69.5
20. Unit Availability Factor	100.0	89.8	69.5
21. Unit Capacity Factor (MDC Net)	103.8	90.8	66.3
22. Unit Capacity Factor (DER Net)	101.8	89.1	65.0
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):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
UNIT ONE
DATE 04-Dec-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Nov-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2005	1029	11/17/2005	1051
11/2/2005	1034	11/18/2005	1059
11/3/2005	1034	11/19/2005	1017
11/4/2005	1036	11/20/2005	1021
11/5/2005	1032	11/21/2005	1055
11/6/2005	1043	11/22/2005	1040
11/7/2005	1031	11/23/2005	1038
11/8/2005	1033	11/24/2005	1070
11/9/2005	1026	11/25/2005	1012
11/10/2005	1039	11/26/2005	1039
11/11/2005	1026	11/27/2005	1052
11/12/2005	1043	11/28/2005	1031
11/13/2005	1036	11/29/2005	1078
11/14/2005	1040	11/30/2005	1009
11/15/2005	1041		
11/16/2005	1039		

DOCKET NO. 50 - 315
 UNIT NAME Donald C. Cook Nuclear Plant Unit 1
 DATE December 4, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 3 of 6

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

NRC OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 12/4/2005

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name Donald C. Cook Nuclear Plant Unit 2
 2. Reporting Period Nov-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	8016.0	245154.0
12. No. of Hrs. Reactor Was Critical	658.6	7900.6	163649.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	635.5	7860.1	159622.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2178681.3	27107721.5	505990059.3
17. Gross Elect. Energy Gen. (MWH)	716790.0	8864610.0	164180178.0
18. Net Elect. Energy Gen. (MWH)	694258.0	8586022.0	158389436.6
19. Unit Service Factor	88.3	98.1	65.7
20. Unit Availability Factor	88.3	98.1	65.7
21. Unit Capacity Factor (MDC Net)	91.0	101.0	62.1
22. Unit Capacity Factor (DER Net)	88.5	98.3	60.3
23. Unit Forced Outage Rate	11.7	1.1	21.8

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

Scheduled refueling outage - March 2006

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 4-Dec-05
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Nov-05

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2005	1098	11/17/2005	1107
11/2/2005	1104	11/18/2005	1113
11/3/2005	1101	11/19/2005	1106
11/4/2005	1104	11/20/2005	1103
11/5/2005	1106	11/21/2005	1106
11/6/2005	1095	11/22/2005	1117
11/7/2005	1098	11/23/2005	1124
11/8/2005	183	11/24/2005	1107
11/9/2005	0	11/25/2005	1114
11/10/2005	0	11/26/2005	1113
11/11/2005	84	11/27/2005	1113
11/12/2005	981	11/28/2005	1115
11/13/2005	1093	11/29/2005	1122
11/14/2005	1097	11/30/2005	1099
11/15/2005	1108		
11/16/2005	1115		

DOCKET NO. 50 - 316
 UNIT NAME Donald C. Cook Nuclear Plant Unit 2
 DATE December 4, 2005
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 6 of 6

UNIT SHUTDOWNS AND POWER REDUCTIONS – November 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
224	051108	F	84.5	A	3	2005-001-00	TL	EXC	Reactor trip due to Main Generator Exciter failure.

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