

Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1395



November 15, 2004

AEP:NRC:2691-48

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 October 2004 is submitted.

Adjustments were made to the year-to-date and cumulative hours for Reactor Critical, Generator Online, and Megawatt Thermal Generation. These adjustments were made to address differences in accounting methodology due to Daylight Savings Time adjustments. Previous accounting methodology was performed using American Electric Power "system" time, which did not account for Daylight Savings Time.

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,

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

IE24

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 11/10/2004

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 1
- 2. Reporting Period Oct-04
- 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

Note: DC Cook Unit 1 will be tabulating data based on Eastern Daylight Savings Time (DST) from AEP's System Time. Reference: CR 04309036. The following will be adjusted to account for April 4 and Oct 31, 2004 DST adjustments (One more hour in the hours Rx critical and hours generator parallel. One less hour of scheduled outage hours. And 3300.7 MWt more in the Gross thermal energy generated.) Reports between April and October 2004 will not be revised.

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	7320.0	261528.0
12. No. of Hrs. Reactor Was Critical	745.0	7135.9	181037.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	745.0	7124.9	178304.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2457789.4	23467748.4	534836276.0
17. Gross Elect. Energy Gen. (MWH)	794170.0	7564190.0	173605993.0
18. Net Elect. Energy Gen. (MWH)	767608.0	7312562.8	167157846.7
19. Unit Service Factor	100.0	97.3	68.6
20. Unit Availability Factor	100.0	97.3	68.6
21. Unit Capacity Factor (MDC Net)	103.0	99.9	65.3
22. Unit Capacity Factor (DER Net)	101.0	97.9	64.0
23. Unit Forced Outage Rate	0.0	0.0	18.5

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

Refueling outage currently scheduled for April 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 10-Nov-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Oct-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2004	1020	10/17/2004	1032
10/2/2004	1023	10/18/2004	1043
10/3/2004	1026	10/19/2004	1029
10/4/2004	1029	10/20/2004	1035
10/5/2004	1035	10/21/2004	1039
10/6/2004	1027	10/22/2004	1028
10/7/2004	1040	10/23/2004	1036
10/8/2004	1023	10/24/2004	1033
10/9/2004	1024	10/25/2004	1045
10/10/2004	1019	10/26/2004	1034
10/11/2004	1027	10/27/2004	1029
10/12/2004	1028	10/28/2004	1035
10/13/2004	1036	10/29/2004	1035
10/14/2004	1035	10/30/2004	1035
10/15/2004	1030	10/31/2004	1036
10/16/2004	1036		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE November 10, 2004
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 2004

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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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 11/10/2004

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period

Oct-04

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

Note: DC Cook Unit 2 will be tabulating data based on Eastern Daylight Savings Time (DST) from AEP's System Time. Reference: CR 04309036. The following will be adjusted to account for April 4 and Oct 31, 2004 DST adjustments (One less hour in the hours Rx critical and hours generator parallel. Also, one more hour of scheduled outage hours.) And 3468 MWt less in the Gross thermal energy generated.) Reports between April and October 2004 will not be revised.

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	7320.0	235674.0
12. No. of Hrs. Reactor Was Critical	24.0	6344.0	154627.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	24.0	6310.2	150664.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	37731.8	21613430.5	475289290.0
17. Gross Elect. Energy Gen. (MWH)	11140.0	7011118.0	154125148.0
18. Net Elect. Energy Gen. (MWH)	10293.0	6785930.5	148650837.2
19. Unit Service Factor	3.2	86.2	64.6
20. Unit Availability Factor	3.2	86.2	64.6
21. Unit Capacity Factor (MDC Net)	1.3	87.5	60.6
22. Unit Capacity Factor (DER Net)	1.3	85.0	59.0
23. Unit Forced Outage Rate	0.0	4.4	22.7
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:

Week of 11/7/04.

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 10-Nov-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Oct-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2004	429	10/17/2004	0
10/2/2004	0	10/18/2004	0
10/3/2004	0	10/19/2004	0
10/4/2004	0	10/20/2004	0
10/5/2004	0	10/21/2004	0
10/6/2004	0	10/22/2004	0
10/7/2004	0	10/23/2004	0
10/8/2004	0	10/24/2004	0
10/9/2004	0	10/25/2004	0
10/10/2004	0	10/26/2004	0
10/11/2004	0	10/27/2004	0
10/12/2004	0	10/28/2004	0
10/13/2004	0	10/29/2004	0
10/14/2004	0	10/30/2004	0
10/15/2004	0	10/31/2004	0
10/16/2004	0		

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE November 10, 2004
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 2004

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
219	041001	S	721	C	2	N/A	N/A	N/A	Scheduled refueling outage

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