

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



August 11, 2004

AEP:NRC:2691-45

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 July 2004 is submitted.

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 'John A. Zwolinski', is written over the typed name.

John A. Zwolinski
Safety Assurance Director

JEN/jen

Attachment

JEN24

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 8/3/2004

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Jul-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

Notes:

8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons

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	5112.0	259320.0
12. No. of Hrs. Reactor Was Critical	744.0	4926.9	178828.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	4915.9	176095.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2452506.3	16178477.4	527547005.0
17. Gross Elect. Energy Gen. (MWH)	780830.0	5227710.0	171269513.0
18. Net Elect. Energy Gen. (MWH)	754425.0	5054638.8	164899922.7
19. Unit Service Factor	100.0	96.2	68.4
20. Unit Availability Factor	100.0	96.2	68.4
21. Unit Capacity Factor (MDC Net)	101.4	98.9	65.0
22. Unit Capacity Factor (DER Net)	99.4	96.9	63.7
23. Unit Forced Outage Rate	0.0	0.0	18.6
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-Aug-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Jul-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
7/1/2004	1019	7/17/2004	969
7/2/2004	1012	7/18/2004	1013
7/3/2004	1027	7/19/2004	1006
7/4/2004	1013	7/20/2004	1008
7/5/2004	1022	7/21/2004	1003
7/6/2004	1019	7/22/2004	1005
7/7/2004	1005	7/23/2004	1012
7/8/2004	1017	7/24/2004	1037
7/9/2004	1017	7/25/2004	1035
7/10/2004	1013	7/26/2004	1042
7/11/2004	1019	7/27/2004	1026
7/12/2004	1005	7/28/2004	1028
7/13/2004	1021	7/29/2004	1012
7/14/2004	990	7/30/2004	1015
7/15/2004	1006	7/31/2004	1015
7/16/2004	1004		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE August 3, 2004
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – July 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.

- | | | | | |
|--|--|---|--|--|
| <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 8/3/2004
 COMPLETED BY R. Harris
 TELEPHONE 269-465-5901

OPERATING STATUS

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

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	5112.0	233466.0
12. No. of Hrs. Reactor Was Critical	744.0	4857.0	153140.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	4823.2	149177.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2573941.3	16507893.6	470183753.1
17. Gross Elect. Energy Gen. (MWH)	807940.0	5381998.0	152496028.0
18. Net Elect. Energy Gen. (MWH)	781319.0	5210443.5	147075350.2
19. Unit Service Factor	100.0	94.4	64.5
20. Unit Availability Factor	100.0	94.4	64.5
21. Unit Capacity Factor (MDC Net)	99.1	96.2	60.6
22. Unit Capacity Factor (DER Net)	96.3	93.5	58.9
23. Unit Forced Outage Rate	0.0	5.6	22.9

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

Refueling outage currently scheduled for October 2004 with a planned duration of 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. 50-316
UNIT TWO
DATE 3-Aug-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Jul-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
7/1/2004	1065	7/17/2004	1000
7/2/2004	1066	7/18/2004	1022
7/3/2004	1077	7/19/2004	995
7/4/2004	1070	7/20/2004	1001
7/5/2004	1069	7/21/2004	998
7/6/2004	1069	7/22/2004	1005
7/7/2004	1069	7/23/2004	1013
7/8/2004	1064	7/24/2004	1087
7/9/2004	1078	7/25/2004	1076
7/10/2004	1058	7/26/2004	1093
7/11/2004	1063	7/27/2004	1086
7/12/2004	1059	7/28/2004	1055
7/13/2004	1054	7/29/2004	1059
7/14/2004	1053	7/30/2004	1068
7/15/2004	1033	7/31/2004	1048
7/16/2004	1002		

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE August 3, 2004
 COMPLETED BY J. Newmiller
 TELEPHONE 269-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – July 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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