

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



February 10, 2004

AEP:NRC:2691-39

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 January 2004 is submitted.

Additionally, the Unit 1 NRC Operating Data Report and the Unit 1 Average Daily Power Level for June 2003 are being resubmitted due to a data entry error. The error affected the Unit 1 auxiliary power generation. The total auxiliary power was revised for the month of June 2003 prior to preparing the July 2003 NRC Monthly Operating Report. Therefore, this error did not affect subsequent NRC Monthly Operating Reports.

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 'J A Zwolinski'.

John A. Zwolinski
Director of Design Engineering and Regulatory Affairs

JEN/jen

Attachment

A handwritten number '1624' in black ink, with a horizontal line drawn through it.

c: R. Aben – Department of Consumers and Industry Services
ANI Nuclear Engineering Department
L. Brandon – MDEQ - WHMD/HWRPS
M. J. Finissi
G. T. Gaffney – Canton
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
T. C. Pham
W. H. Schalk
J. A. Zwolinski

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 2/3/2004

COMPLETED BY R. Harris

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Jan-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	744.0	254952.0
12. No. of Hrs. Reactor Was Critical	744.0	744.0	174645.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	744.0	171923.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2456463.2	2456463.2	513824990.7
17. Gross Elect. Energy Gen. (MWH)	799520.0	799520.0	166841323.0
18. Net Elect. Energy Gen. (MWH)	773280.0	773280.0	160618563.9
19. Unit Service Factor	100.0	100.0	67.9
20. Unit Availability Factor	100.0	100.0	67.9
21. Unit Capacity Factor (MDC Net)	103.9	103.9	64.4
22. Unit Capacity Factor (DER Net)	101.9	101.9	63.2
23. Unit Forced Outage Rate	0.0	0.0	19.0
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 03-Feb-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Jan-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1/1/2004	1039	1/17/2004	1040
1/2/2004	1043	1/18/2004	1042
1/3/2004	1042	1/19/2004	1038
1/4/2004	1035	1/20/2004	1039
1/5/2004	1040	1/21/2004	1041
1/6/2004	1040	1/22/2004	1039
1/7/2004	1038	1/23/2004	1042
1/8/2004	1037	1/24/2004	1035
1/9/2004	1039	1/25/2004	1040
1/10/2004	1038	1/26/2004	1039
1/11/2004	1036	1/27/2004	1040
1/12/2004	1037	1/28/2004	1042
1/13/2004	1041	1/29/2004	1038
1/14/2004	1038	1/30/2004	1041
1/15/2004	1038	1/31/2004	1040
1/16/2004	1042		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	February 4, 2004
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – January 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 2/3/2004
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period Jan-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	744.0	229098.0
12. No. of Hrs. Reactor Was Critical	670.6	670.6	148953.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	665.1	665.1	145019.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2277302.4	2277302.4	455953161.9
17. Gross Elect. Energy Gen. (MWH)	754080.0	754080.0	147868110.0
18. Net Elect. Energy Gen. (MWH)	730226.8	730226.8	142595133.4
19. Unit Service Factor	89.4	89.4	63.9
20. Unit Availability Factor	89.4	89.4	63.9
21. Unit Capacity Factor (MDC Net)	92.6	92.6	59.9
22. Unit Capacity Factor (DER Net)	90.0	90.0	58.2
23. Unit Forced Outage Rate	10.6	10.6	23.3
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 3-Feb-04
COMPLETED BY R. Harris
TELEPHONE 269-465-5901

MONTH Jan-04

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1/1/2004	0	1/17/2004	1120
1/2/2004	0	1/18/2004	1120
1/3/2004	0	1/19/2004	1120
1/4/2004	339	1/20/2004	1118
1/5/2004	1088	1/21/2004	1118
1/6/2004	1112	1/22/2004	1121
1/7/2004	1114	1/23/2004	1115
1/8/2004	1111	1/24/2004	1122
1/9/2004	1115	1/25/2004	1117
1/10/2004	1113	1/26/2004	1113
1/11/2004	1112	1/27/2004	1115
1/12/2004	1110	1/28/2004	1116
1/13/2004	1111	1/29/2004	1117
1/14/2004	1115	1/30/2004	1116
1/15/2004	1101	1/31/2004	1117
1/16/2004	1118		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	February 4, 2004
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – January 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
216	031230	F	78.9	H	3	316/2003-005	EF	BU	Unit 2 Reactor automatically tripped from 100% power due to a low steam generator level coincident with feed flow less than steam flow, which occurred during maintenance activities.

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. 50-315

DATE 1/21/2004

COMPLETED BY T. Pham

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Jun-03

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	4343.0	249791.0
12. No. of Hrs. Reactor Was Critical	720.0	3065.9	170414.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	3030.5	167719.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2377289.8	9892795.1	500161869.7
17. Gross Elect. Energy Gen. (MWH)	770667.0	3204963.0	162447393.0
18. Net Elect. Energy Gen. (MWH)	745175.0	3098451.7	156373648.2
19. Unit Service Factor	100.0	69.8	67.6
20. Unit Availability Factor	100.0	69.8	67.6
21. Unit Capacity Factor (MDC Net)	103.5	71.3	64.0
22. Unit Capacity Factor (DER Net)	101.5	69.9	62.8
23. Unit Forced Outage Rate	0.0	30.2	19.4
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 21-Jan-04
COMPLETED BY T. Pham
TELEPHONE 269-465-5901

MONTH Jun-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
6/1/2003	1024	6/17/2003	1034
6/2/2003	1026	6/18/2003	1020
6/3/2003	1041	6/19/2003	1025
6/4/2003	1028	6/20/2003	1036
6/5/2003	1043	6/21/2003	1039
6/6/2003	1038	6/22/2003	1033
6/7/2003	1039	6/23/2003	1033
6/8/2003	1040	6/24/2003	1032
6/9/2003	1040	6/25/2003	1028
6/10/2003	1040	6/26/2003	1027
6/11/2003	1038	6/27/2003	1028
6/12/2003	1046	6/28/2003	1027
6/13/2003	1032	6/29/2003	1041
6/14/2003	1035	6/30/2003	1051
6/15/2003	1045		
6/16/2003	1039		