

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



July 12, 2003

AEP:NRC:2691-32

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 June 2003 is submitted.

There are no new commitments associated with this submittal.

Should you have any questions, please contact Mr. Brian A. McIntyre, Manager of Regulatory Affairs, at (269) 697-5806.

Sincerely,

  
John B. Giessner  
Director, Nuclear Technical Projects

JEN/jen

Attachment

JE24

c: ANI Nuclear Engineering Department  
A. C. Bakken, III  
L. Brandon - Department of Health  
M. J. Finissi  
G. T. Gaffney – Canton  
J. B. Giessner  
S. Hamming – Department of Labor  
INPO Records Center  
B. Lewis – McGraw-Hill Companies  
D. H. Malin  
K. L. Matheny  
B. A. McIntyre  
T. C. Pham  
NRC Project Manager – NRR  
NRC Region III  
NRC Resident Inspector  
D. W. Paul – Columbus  
J. E. Pollock  
W. H. Schalk  
J. A. Zwolinski

**N.R.C. OPERATING DATA REPORT**

DOCKET NO. 50-315

DATE 7/3/2003

COMPLETED BY T. Pham

TELEPHONE 269-465-5901

**OPERATING STATUS**

- |  |                   |        |
|--|-------------------|--------|
| 1. Unit Name   | D. C. Cook Unit 1 | Notes: |
| 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 |                   |        |

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)	755175.0	3108451.7	156383648.2
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)	104.9	71.6	64.0
22. Unit Capacity Factor (DER Net)	102.8	70.2	62.8
23. Unit Forced Outage Rate	0.0	30.2	19.4

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

Refueling outage currently scheduled for October 2003 with a planned duration of 33 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 03-Jul-03  
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	1453
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		

DOCKET NO. 50 - 315  
 UNIT NAME D.C. Cook Unit 1  
 DATE July 9, 2003  
 COMPLETED BY J. Newmiller  
 TELEPHONE 269-465-5901  
 PAGE 1 of 1

**UNIT SHUTDOWNS AND POWER REDUCTIONS – June 2003**

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	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

**N.R.C. OPERATING DATA REPORT**

DOCKET NO. 50-316  
 DATE 7/3/2003  
 COMPLETED BY T. Pham  
 TELEPHONE 269-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period Jun-03  
 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 MW) 1100  
 7. Maximum Dependable Capacity (Net MWe) 1060

**Notes:**  
 Unit 2 Appendix K Update was implemented on 6/9/03 while in U2C14 refueling outage. Licensed Thermal Power rating changed from 3411 MWT to 3468 MWT. Both unit's Electrical Rating to be adjusted following Heat Balance Revisions

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

Unit 2 Appendix K Update was implemented on 6/9/03 while in U2C14 refueling outage.

Licensed Thermal Power rating changed from 3411 MWT to 3468 MWT.

Both unit's Electrical Rating to be adjusted following Heat Balance Revisions

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	223937.0
12. No. of Hrs. Reactor Was Critical	269.5	2708.6	144276.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	242.7	2646.3	140386.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	662400.9	8774697.6	439998394.9
17. Gross Elect. Energy Gen. (MWH)	206880.0	2892120.0	142665820.0
18. Net Elect. Energy Gen. (MWH)	198195.0	2801792.6	137554532.0
19. Unit Service Factor	33.7	60.9	63.3
20. Unit Availability Factor	33.7	60.9	63.3
21. Unit Capacity Factor (MDC Net)	26.0	60.9	59.1
22. Unit Capacity Factor (DER Net)	25.3	59.2	57.5
23. Unit Forced Outage Rate	0.0	17.8	23.7
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: \_\_\_\_\_

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-Jul-03  
COMPLETED BY T. Pham  
TELEPHONE 269-465-5901

MONTH Jun-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
6/1/2003	0	6/17/2003	0
6/2/2003	0	6/18/2003	0
6/3/2003	0	6/19/2003	0
6/4/2003	0	6/20/2003	1
6/5/2003	0	6/21/2003	202
6/6/2003	0	6/22/2003	367
6/7/2003	0	6/23/2003	426
6/8/2003	0	6/24/2003	842
6/9/2003	0	6/25/2003	1005
6/10/2003	0	6/26/2003	1038
6/11/2003	0	6/27/2003	1083
6/12/2003	0	6/28/2003	1085
6/13/2003	0	6/29/2003	1088
6/14/2003	0	6/30/2003	1122
6/15/2003	0		
6/16/2003	0		

DOCKET NO. 50 - 316  
 UNIT NAME D.C. Cook Unit 2  
 DATE July 9, 2003  
 COMPLETED BY J. Newmiller  
 TELEPHONE 269-465-5901  
 PAGE 1 of 1

**UNIT SHUTDOWNS AND POWER REDUCTIONS – June 2003**

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
213	030505	S	450.5	C	4	n/a	n/a	n/a	Scheduled refueling outage activities commenced while already shut down due to the fish intrusion event .

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