

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



June 13, 2003

AEP:NRC:2691-31

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  
May 2003 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read 'JBG', is written over the printed name of John B. Giessner.

John B. Giessner  
Director, Nuclear Technical Projects

JEN/jen

Attachment

TE24

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

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

DOCKET NO. 50-315

DATE 6/6/2003

COMPLETED BY T Pham

TELEPHONE 269-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 1

2. Reporting Period May-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	744.0	3623.0	249071.0
12. No. of Hrs. Reactor Was Critical	96.2	2345.9	169694.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	82.4	2310.5	166999.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	206716.7	7515505.3	497784579.9
17. Gross Elect. Energy Gen. (MWH)	63806.0	2434296.0	161676726.0
18. Net Elect. Energy Gen. (MWH)	60856.8	2353276.7	155628473.2
19. Unit Service Factor	11.1	63.8	67.5
20. Unit Availability Factor	11.1	63.8	67.5
21. Unit Capacity Factor (MDC Net)	8.2	65.0	63.9
22. Unit Capacity Factor (DER Net)	8.0	63.7	62.7
23. Unit Forced Outage Rate	88.9	36.2	19.5

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 06-Jun-03  
COMPLETED BY T Pham  
TELEPHONE 269-465-5901

MONTH May-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2003	0	5/17/2003	0
5/2/2003	0	5/18/2003	0
5/3/2003	0	5/19/2003	0
5/4/2003	0	5/20/2003	0
5/5/2003	0	5/21/2003	0
5/6/2003	0	5/22/2003	0
5/7/2003	0	5/23/2003	0
5/8/2003	0	5/24/2003	0
5/9/2003	0	5/25/2003	0
5/10/2003	0	5/26/2003	0
5/11/2003	0	5/27/2003	0
5/12/2003	0	5/28/2003	68
5/13/2003	0	5/29/2003	424
5/14/2003	0	5/30/2003	1002
5/15/2003	0	5/31/2003	1040
5/16/2003	0		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	June 5, 2003
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – May 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
348	030424	F	647.8	H	2	315/2003-003	n/a	n/a	A large influx of alewives caused a high DP on the traveling screens. The unit was manually tripped due to degraded circulating water conditions.

**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 6/6/2003

COMPLETED BY T Pham

TELEPHONE 269-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 2

2. Reporting Period May-03

3. Licensed Thermal Power (MWt) 3411

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

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	3623.0	223217.0
12. No. of Hrs. Reactor Was Critical	0.0	2439.1	144007.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	2403.6	140144.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	0.0	8112296.7	439335993.9
17. Gross Elect. Energy Gen. (MWH)	0.0	2685240.0	142458940.0
18. Net Elect. Energy Gen. (MWH)	0.0	2603597.6	137356336.9
19. Unit Service Factor	0.0	66.3	63.4
20. Unit Availability Factor	0.0	66.3	63.4
21. Unit Capacity Factor (MDC Net)	0.0	67.8	59.2
22. Unit Capacity Factor (DER Net)	0.0	65.9	57.6
23. Unit Forced Outage Rate	100.0	19.2	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: Jun-03

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 6-Jun-03  
COMPLETED BY T Pham  
TELEPHONE 269-465-5901

MONTH May-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2003	0	5/17/2003	0
5/2/2003	0	5/18/2003	0
5/3/2003	0	5/19/2003	0
5/4/2003	0	5/20/2003	0
5/5/2003	0	5/21/2003	0
5/6/2003	0	5/22/2003	0
5/7/2003	0	5/23/2003	0
5/8/2003	0	5/24/2003	0
5/9/2003	0	5/25/2003	0
5/10/2003	0	5/26/2003	0
5/11/2003	0	5/27/2003	0
5/12/2003	0	5/28/2003	0
5/13/2003	0	5/29/2003	0
5/14/2003	0	5/30/2003	0
5/15/2003	0	5/31/2003	0
5/16/2003	0		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	June 5, 2003
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – May 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
212	030424	F	96	H	2	315-2003/003	n/a	n/a	A large influx of alewives caused a high DP on the traveling screens. The unit was manually tripped due to degraded circulating water conditions.
213	030505	P	648	C	4	n/a	n/a	n/a	Scheduled refueling outage activities commenced while already shut down due to the fish intrusion event described above.

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