

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



November 14, 2003

AEP:NRC:2691-36

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 2003 is submitted.

There are no new commitments associated with this submittal.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'John A. Zwolinski', is written over the word 'Sincerely,'.

John A. Zwolinski
Director, Design Engineering and Regulatory Affairs

JEN/jen

Attachment

JEN

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
J. B. Giessner
INPO Records Center
J. N. Jensen
B. Lewis – McGraw-Hill Companies
D. H. Malin
B. D. Mann
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 11/4/2003

COMPLETED BY T. Pham

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Oct-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:Unit 1 was shut down for refueling
beginning October 18, 2003.

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	7296.0	252744.0
12. No. of Hrs. Reactor Was Critical	408.1	5683.0	173031.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	408.1	5647.6	170336.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1335630.1	18518970.8	508788045.4
17. Gross Elect. Energy Gen. (MWH)	432550.0	5964883.0	165207313.0
18. Net Elect. Energy Gen. (MWH)	418123.1	5765563.8	159040760.3
19. Unit Service Factor	54.9	77.4	67.9
20. Unit Availability Factor	54.9	77.4	67.9
21. Unit Capacity Factor (MDC Net)	56.2	79.0	64.4
22. Unit Capacity Factor (DER Net)	55.1	77.5	63.1
23. Unit Forced Outage Rate	0.0	18.9	19.2
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:

Nov-2003

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 04-Nov-03
COMPLETED BY T. Pham
TELEPHONE 269-465-5901

MONTH Oct-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2003	1034	10/17/2003	847
10/2/2003	1037	10/18/2003	2
10/3/2003	1040	10/19/2003	0
10/4/2003	1038	10/20/2003	0
10/5/2003	1037	10/21/2003	0
10/6/2003	1034	10/22/2003	0
10/7/2003	1037	10/23/2003	0
10/8/2003	1032	10/24/2003	0
10/9/2003	1032	10/25/2003	0
10/10/2003	1027	10/26/2003	0
10/11/2003	1037	10/27/2003	0
10/12/2003	1033	10/28/2003	0
10/13/2003	1040	10/29/2003	0
10/14/2003	1032	10/30/2003	0
10/15/2003	1047	10/31/2003	0
10/16/2003	1034		

DOCKET NO. 50 - 315
UNIT NAME D.C. Cook Unit 1
DATE November 6, 2003
COMPLETED BY J. Newmiller
TELEPHONE 269-465-5901
PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 2003

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
349	031018	S	335.9	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

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 11/4/2003

COMPLETED BY T. Pham

TELEPHONE 269-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period Oct-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 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	7296.0	226890.0
12. No. of Hrs. Reactor Was Critical	744.0	5285.7	146853.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	5210.2	142950.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2579268.1	17620136.8	448843834.1
17. Gross Elect. Energy Gen. (MWH)	845960.0	5747520.0	145521220.0
18. Net Elect. Energy Gen. (MWH)	819817.0	5566908.8	140319648.1
19. Unit Service Factor	100.0	71.4	63.6
20. Unit Availability Factor	100.0	71.4	63.6
21. Unit Capacity Factor (MDC Net)	104.0	72.0	59.5
22. Unit Capacity Factor (DER Net)	101.1	70.0	57.8
23. Unit Forced Outage Rate	0.0	15.6	23.5
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 4-Nov-03
COMPLETED BY T. Pham
TELEPHONE 269-465-5901

MONTH Oct-03

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/2003	1091	10/17/2003	1097
10/2/2003	1096	10/18/2003	1100
10/3/2003	1102	10/19/2003	1104
10/4/2003	1097	10/20/2003	1108
10/5/2003	1106	10/21/2003	1102
10/6/2003	1099	10/22/2003	1107
10/7/2003	1108	10/23/2003	1108
10/8/2003	1096	10/24/2003	1108
10/9/2003	1091	10/25/2003	1109
10/10/2003	1092	10/26/2003	1108
10/11/2003	1096	10/27/2003	1108
10/12/2003	1092	10/28/2003	1113
10/13/2003	1097	10/29/2003	1114
10/14/2003	1099	10/30/2003	1106
10/15/2003	1100	10/31/2003	1105
10/16/2003	1099		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	November 6, 2003
COMPLETED BY	J. Newmiller
TELEPHONE	269-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 2003

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
-----	------	-------------------	-------------------	---------------------	---	---------------------------------	-----------------------------	--------------------------------	--

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
---	---	--	---	---