

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



October 15, 2002

AEP:NRC:2691-21

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
September 2002 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scot A. Greenlee', with a long horizontal flourish extending to the right.

Scot A. Greenlee
Director, Nuclear Technical Services

BWO/pae

Attachments

IE24

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

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 315
 DATE 10/1/02
 COMPLETED BY RAF Harris
 TELEPHONE 616-465-5901

OPERATING STATUS

- | | | |
|---|-------------------|--------------|
| 1. Unit Name | D. C. Cook Unit 1 | Note: |
| 2. Reporting Period | Sep-02 | |
| 3. Licensed Thermal Power (MWt) | 3250 | |
| 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, If Any: _____

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	6551.0	243239.0
12. No. of Hrs. Reactor Was Critical	720.0	5618.3	165139.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	5574.5	162479.9
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2338611.6	17709845.4	483215152.4
17. Gross Electrical Energy Gen. (MWH)	744160.0	5709650.0	156942470.0
18. Net Electrical Energy Gen. (MWH)	718927.0	5518116.6	151052410.5
19. Unit Service Factor	100.0	85.1	67.3
20. Unit Availability Factor	100.0	85.1	67.3
21. Unit Capacity Factor (MDC Net)	99.9	84.2	63.6
22. Unit Capacity Factor (DER Net)	97.9	82.6	62.3
23. Unit Forced Outage Rate	0.0	1.7	19.4

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

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____

26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

NRC OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	10/1/02
COMPLETED BY	RAF Harris
TELEPHONE	616-465-5901

OPERATING STATUS

- | | |
|--|-------------------|
| 1. Unit Name | D. C. Cook Unit 2 |
| 2. Reporting Period | Sep-02 |
| 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 MWe) | 1100 |
| 7. Maximum Dependable Capacity (Net MWe) | 1060 |

Note:

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, If Any: _____

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	6551.0	217385.0
12. No. of Hrs. Reactor Was Critical	720.0	5254.1	139359.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	5129.6	135531.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2453193.9	16870475.8	423697825.1
17. Gross Electrical Energy Gen. (MWH)	781760.0	5456140.0	137282650.0
18. Net Electrical Energy Gen. (MWH)	755926.0	5275577.4	132340631.3
19. Unit Service Factor	100.0	78.3	63.0
20. Unit Availability Factor	100.0	78.3	63.0
21. Unit Capacity Factor (MDC Net)	99.0	76.0	58.6
22. Unit Capacity Factor (DER Net)	96.3	73.9	57.0
23. Unit Forced Outage Rate	0.0	8.2	24.1

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

25. If Shut Down At End of Report Period, Estimated 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 01-Oct-02
COMPLETED BY RAF Harris
TELEPHONE 616-465-5901

MONTH Sep-02

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
9/1/02	1012	9/17/02	993
9/2/02	1002	9/18/02	990
9/3/02	987	9/19/02	990
9/4/02	986	9/20/02	992
9/5/02	997	9/21/02	988
9/6/02	992	9/22/02	995
9/7/02	999	9/23/02	998
9/8/02	999	9/24/02	1000
9/9/02	981	9/25/02	996
9/10/02	986	9/26/02	1001
9/11/02	1023	9/27/02	1009
9/12/02	1018	9/28/02	1009
9/13/02	1004	9/29/02	1004
9/14/02	1002	9/30/02	1004
9/15/02	1001		
9/16/02	999		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 1-Oct-02
COMPLETED BY RAF Harris
TELEPHONE 616-465-5901

MONTH Sep-02

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
9/1/02	1073	9/17/02	1039
9/2/02	1060	9/18/02	1037
9/3/02	1045	9/19/02	1041
9/4/02	1042	9/20/02	1048
9/5/02	1048	9/21/02	1036
9/6/02	1050	9/22/02	1035
9/7/02	1056	9/23/02	1044
9/8/02	1042	9/24/02	1048
9/9/02	1044	9/25/02	1039
9/10/02	1043	9/26/02	1041
9/11/02	1078	9/27/02	1047
9/12/02	1081	9/28/02	1064
9/13/02	1064	9/29/02	1054
9/14/02	1050	9/30/02	1055
9/15/02	1050		
9/16/02	1045		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE October 2, 2002
 COMPLETED BY B. O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – September 2002

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

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE October 2, 2002
 COMPLETED BY B. O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – September 2002

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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