

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



November 15, 2002

AEP:NRC:2691-24

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 2002 is submitted.

Sincerely,

Scot A. Greenlee
Director, Nuclear Technical Services

BWO/jen

Attachments

IE 24

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
W. H. Schalk

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 11/4/02

COMPLETED BY RAF Harris

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Oct-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

| |
|--------|
| 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 | 745.0 | 7296.0 | 243984.0 |
| 12. No. of Hrs. Reactor Was Critical | 745.0 | 6363.3 | 165884.6 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 463.0 |
| 14. Hours Generator on Line | 745.0 | 6319.5 | 163224.9 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 321.0 |
| 16. Gross Therm. Energy Gen. (MWH) | 2405598.0 | 20115443.4 | 485620750.4 |
| 17. Gross Elect. Energy Gen. (MWH) | 780400.0 | 6490050.0 | 157722870.0 |
| 18. Net Elect. Energy Gen. (MWH) | 754368.0 | 6272484.6 | 151806778.5 |
| 19. Unit Service Factor | 100.0 | 86.6 | 67.4 |
| 20. Unit Availability Factor | 100.0 | 86.6 | 67.4 |
| 21. Unit Capacity Factor (MDC Net) | 101.3 | 86.0 | 63.7 |
| 22. Unit Capacity Factor (DER Net) | 99.3 | 84.3 | 62.4 |
| 23. Unit Forced Outage Rate | 0.0 | 1.5 | 19.3 |
| 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):

| | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | | |
| INITIAL ELECTRICITY | | |
| COMMERCIAL OPERATION | | |

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 11/4/02

COMPLETED BY RAF Harris

TELEPHONE 616-465-5901

OPERATING STATUS

- | | | |
|--|-------------------|--------|
| 1. Unit Name | D. C. Cook Unit 2 | |
| 2. Reporting Period | | Oct-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 |
| 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 | 745.0 | 7296.0 | 218130.0 |
| 12. No. of Hrs. Reactor Was Critical | 745.0 | 5999.1 | 140104.1 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator on Line | 745.0 | 5874.6 | 136276.5 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Therm. Energy Gen. (MWH) | 2535385.4 | 19405861.2 | 426233210.5 |
| 17. Gross Elect. Energy Gen. (MWH) | 826980.0 | 6283120.0 | 138109630.0 |
| 18. Net Elect. Energy Gen. (MWH) | 800342.0 | 6075919.4 | 133140973.3 |
| 19. Unit Service Factor | 100.0 | 80.5 | 63.1 |
| 20. Unit Availability Factor | 100.0 | 80.5 | 63.1 |
| 21. Unit Capacity Factor (MDC Net) | 101.3 | 78.6 | 58.8 |
| 22. Unit Capacity Factor (DER Net) | 98.6 | 76.4 | 57.1 |
| 23. Unit Forced Outage Rate | 0.0 | 7.2 | 24.0 |
| 24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration): _____ | | | |

25. If Shut Down At End of Report Period, Est'ed 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 04-Nov-02
COMPLETED BY RAF Harris
TELEPHONE 616-465-5901

MONTH Oct-02

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|----------|------------------------------|----------|------------------------------|
| 10/1/02 | 1003 | 10/17/02 | 1028 |
| 10/2/02 | 999 | 10/18/02 | 1027 |
| 10/3/02 | 1002 | 10/19/02 | 1027 |
| 10/4/02 | 1012 | 10/20/02 | 1025 |
| 10/5/02 | 947 | 10/21/02 | 1021 |
| 10/6/02 | 886 | 10/22/02 | 1029 |
| 10/7/02 | 1010 | 10/23/02 | 1029 |
| 10/8/02 | 1011 | 10/24/02 | 1030 |
| 10/9/02 | 1020 | 10/25/02 | 1030 |
| 10/10/02 | 1005 | 10/26/02 | 1027 |
| 10/11/02 | 1014 | 10/27/02 | 1030 |
| 10/12/02 | 1013 | 10/28/02 | 1026 |
| 10/13/02 | 1023 | 10/29/02 | 1035 |
| 10/14/02 | 1023 | 10/30/02 | 1032 |
| 10/15/02 | 1015 | 10/31/02 | 1031 |
| 10/16/02 | 1024 | | |

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 4-Nov-02
COMPLETED BY RAF Harris
TELEPHONE 616-465-5901

MONTH Oct-02

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|----------|------------------------------|----------|------------------------------|
| 10/1/02 | 1062 | 10/17/02 | 1089 |
| 10/2/02 | 1052 | 10/18/02 | 1077 |
| 10/3/02 | 1054 | 10/19/02 | 1080 |
| 10/4/02 | 1061 | 10/20/02 | 1074 |
| 10/5/02 | 1065 | 10/21/02 | 1079 |
| 10/6/02 | 1063 | 10/22/02 | 1087 |
| 10/7/02 | 1072 | 10/23/02 | 1081 |
| 10/8/02 | 1071 | 10/24/02 | 1087 |
| 10/9/02 | 1056 | 10/25/02 | 1092 |
| 10/10/02 | 1061 | 10/26/02 | 1087 |
| 10/11/02 | 1067 | 10/27/02 | 1089 |
| 10/12/02 | 1063 | 10/28/02 | 1088 |
| 10/13/02 | 1077 | 10/29/02 | 1094 |
| 10/14/02 | 1069 | 10/30/02 | 1099 |
| 10/15/02 | 1074 | 10/31/02 | 1099 |
| 10/16/02 | 1081 | | |

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE November 6, 2002
 COMPLETED BY B. O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 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 |
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|

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 November 6, 2002
 COMPLETED BY B. O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 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 |
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|

None

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