

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616-465-5901



November 14, 2000

C1100-14

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
2000 is submitted.

Sincerely,

A handwritten signature in black ink that reads "Wayne J. Kropp". The signature is written in a cursive style.

Wayne J. Kropp
Director of Regulatory Affairs

/jen

Attachments

IE24

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

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 315
 DATE November 7, 2000
 COMPLETED BY J. W. Minor
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period Oct -2000
 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

Notes:

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 Month | Year-to-Date | Cumulative |
|--|------------|--------------|-------------|
| 11. Hours in Reporting Period | 744.0 | 7320.0 | 226464.0 |
| 12. No. of Hrs. Reactor Was Critical | 0.0 | 0.0 | 151285.3 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 463.0 |
| 14. Hours Generator on Line | 0.0 | 0.0 | 148821.1 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 321.0 |
| 16. Gross Thermal Energy Gen. (MWH) | 0.0 | 0.0 | 440194814.0 |
| 17. Gross Electrical Energy Gen. (MWH) | 0.0 | 0.0 | 143013940.0 |
| 18. Net Electrical Energy Gen. (MWH) | 0.0 | 0.0 | 137597640.0 |
| 19. Unit Service Factor | 0.0 | 0.0 | 66.2 |
| 20. Unit Availability Factor | 0.0 | 0.0 | 66.2 |
| 21. Unit Capacity Factor (MDC Net) | 0.0 | 0.0 | 60.4 |
| 22. Unit Capacity Factor (DER Net) | 0.0 | 0.0 | 58.9 |
| 23. Unit Forced Outage Rate | 100.0 | 100.0 | 20.0 |

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): _____
 None

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____
 First Quarter 2001

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

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

| | |
|--------------|------------------|
| DOCKET NO. | 50 - 315 |
| UNIT NAME | D.C. Cook Unit 1 |
| DATE | November 7, 2000 |
| COMPLETED BY | J. W. Minor |
| TELEPHONE | 616-465-5901 |

AVERAGE DAILY POWER LEVEL (MWe-Net)

October 2000

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|------------|------------------------------|------------|------------------------------|
| 10/1/2000 | 0 | 10/16/2000 | 0 |
| 10/2/2000 | 0 | 10/17/2000 | 0 |
| 10/3/2000 | 0 | 10/18/2000 | 0 |
| 10/4/2000 | 0 | 10/19/2000 | 0 |
| 10/5/2000 | 0 | 10/20/2000 | 0 |
| 10/6/2000 | 0 | 10/21/2000 | 0 |
| 10/7/2000 | 0 | 10/22/2000 | 0 |
| 10/8/2000 | 0 | 10/23/2000 | 0 |
| 10/9/2000 | 0 | 10/24/2000 | 0 |
| 10/10/2000 | 0 | 10/25/2000 | 0 |
| 10/11/2000 | 0 | 10/26/2000 | 0 |
| 10/12/2000 | 0 | 10/27/2000 | 0 |
| 10/13/2000 | 0 | 10/28/2000 | 0 |
| 10/14/2000 | 0 | 10/29/2000 | 0 |
| 10/15/2000 | 0 | 10/30/2000 | 0 |
| | | 10/31/2000 | 0 |

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE November 9, 2000
 COMPLETED BY BW O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – October 2000

| 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 |
|-----|--------|-------------------|-------------------|---------------------|---|--|--|--|---|
| 333 | 090897 | F | 744.0 | F | 2 | 97-010 97-011 97-012 97-013 97-014 97-016 | N/A N/A N/A N/A N/A N/A | N/A N/A N/A N/A N/A N/A | The unit remained shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection. |

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

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 316
 DATE November 7, 2000
 COMPLETED BY J. W. Minor
 TELEPHONE 616-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 2
- 2. Reporting Period Oct - 2000
- 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, If Any: _____

| | This Month | Year-to-Date | Cumulative |
|--|------------|--------------|-------------|
| 11. Hours in Reporting Period | 744.0 | 7320.0 | 200610.0 |
| 12. No. of Hrs. Reactor Was Critical | 744.0 | 3149.5 | 124920.5 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator on Line | 744.0 | 3093.0 | 121246.4 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Gen. (MWH) | 2529622.2 | 10304573.7 | 376312224.0 |
| 17. Gross Electrical Energy Gen. (MWH) | 827550.0 | 3306300.0 | 121890940.0 |
| 18. Net Electrical Energy Gen. (MWH) | 801256.0 | 3195548.0 | 117453327.0 |
| 19. Unit Service Factor | 100.0 | 42.3 | 61.1 |
| 20. Unit Availability Factor | 100.0 | 42.3 | 61.1 |
| 21. Unit Capacity Factor (MDC Net) | 101.6 | 41.2 | 55.8 |
| 22. Unit Capacity Factor (DER Net) | 98.8 | 40.1 | 54.3 |
| 23. Unit Forced Outage Rate | 0 | 57.7 | 25.5 |

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): _____
 None

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 | | |

| | |
|--------------|------------------|
| DOCKET NO. | 50 - 316 |
| UNIT NAME | D.C. Cook Unit 2 |
| DATE | November 7, 2000 |
| COMPLETED BY | J. W. Minor |
| TELEPHONE | 616-465-5901 |

AVERAGE DAILY POWER LEVEL (MWe-Net)

October 2000

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|------------|------------------------------|------------|------------------------------|
| 10/1/2000 | 1068 | 10/16/2000 | 1084 |
| 10/2/2000 | 1078 | 10/17/2000 | 1086 |
| 10/3/2000 | 1070 | 10/18/2000 | 1063 |
| 10/4/2000 | 1076 | 10/19/2000 | 1078 |
| 10/5/2000 | 1091 | 10/20/2000 | 1075 |
| 10/6/2000 | 1088 | 10/21/2000 | 1071 |
| 10/7/2000 | 1084 | 10/22/2000 | 1077 |
| 10/8/2000 | 1091 | 10/23/2000 | 1064 |
| 10/9/2000 | 1082 | 10/24/2000 | 1067 |
| 10/10/2000 | 1084 | 10/25/2000 | 1089 |
| 10/11/2000 | 1078 | 10/26/2000 | 1038 |
| 10/12/2000 | 1076 | 10/27/2000 | 1056 |
| 10/13/2000 | 1075 | 10/28/2000 | 1068 |
| 10/14/2000 | 1080 | 10/29/2000 | 1117 |
| 10/15/2000 | 1077 | 10/30/2000 | 1083 |
| | | 10/31/2000 | 1073 |

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook Unit 2
 DATE November 9, 2000
 COMPLETED BY BW O'Rourke
 TELEPHONE 616-465-5901
 PAGE 1 of 1

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| 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 |
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
|-----|------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|

1 TYPE:

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2 REASON:

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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