

CATEGORY 1

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 MINOR, J.W. Indiana Michigan Power Co.
 RICHARDSON, S.A. Indiana Michigan Power Co.
 GODLEY, R.C. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1999 for DC Cook Nuclear
 Plant, Unit 2. With 991012 ltr.

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October 12, 1999

United States Nuclear Regulatory Commission
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Washington, DC 20555

Document Control Manager:

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2 Technical Specification 6.9.1.8, the attached Monthly Operating Report for September 1999 is submitted.

Sincerely,

R. C. Godley
Regulatory Affairs Director

RCG/mbd

Attachment

c: NRC Region III
NRC Project Manager – NRR
NRC Resident Inspector
ANI Nuclear Engineering Department
INPO Records Center

A. C. Bakken, III
G. T. Gaffney – Canton
D. R. Hahn – Department of Health
S. Hamming – Department of Labor
G. John
B. Lewis – McGraw-Hill Companies
D. H. Malin
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N.R.C. OPERATING DATA REPORT

| | |
|--------------|-----------------|
| DOCKET NO. | 50 - 316 |
| DATE | October 4, 1999 |
| COMPLETED BY | J. W. Minor |
| TELEPHONE | 616-465-5901 |

OPERATING STATUS

| | |
|---|-------------------|
| 1. Unit Name | D. C. Cook Unit 2 |
| 2. Reporting Period | Sept-99 |
| 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 | 720.0 | 6552.0 | 190082.0 |
| 12. No. of Hrs. Reactor Was Critical | 0.0 | 0.0 | 121771.0 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator on Line | 0.0 | 0.0 | 118153.4 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Gen. (MWH) | 0.0 | 0.0 | 366007650.4 |
| 17. Gross Electrical Energy Gen. (MWH) | 0.0 | 0.0 | 118584640.0 |
| 18. Net Electrical Energy Gen. (MWH) | 0.0 | 0.0 | 114257779.0 |
| 19. Unit Service Factor | 0.0 | 0.0 | 62.6 |
| 20. Unit Availability Factor | 0.0 | 0.0 | 62.6 |
| 21. Unit Capacity Factor (MDC Net) | 0.0 | 0.0 | 57.0 |
| 22. Unit Capacity Factor (DER Net) | 0.0 | 0.0 | 55.5 |
| 23. Unit Forced Outage Rate | 100.0 | 100.0 | 22.9 |

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: _____
 April 2000

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

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



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DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50 - 316
D.C. Cook Unit 2
October 4, 1999
J. W. Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

September 1999

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|---------|------------------------------|---------|------------------------------|
| 9/1/99 | 0 | 9/17/99 | 0 |
| 9/2/99 | 0 | 9/18/99 | 0 |
| 9/3/99 | 0 | 9/19/99 | 0 |
| 9/4/99 | 0 | 9/20/99 | 0 |
| 9/5/99 | 0 | 9/21/99 | 0 |
| 9/6/99 | 0 | 9/22/99 | 0 |
| 9/7/99 | 0 | 9/23/99 | 0 |
| 9/8/99 | 0 | 9/24/99 | 0 |
| 9/9/99 | 0 | 9/25/99 | 0 |
| 9/10/99 | 0 | 9/26/99 | 0 |
| 9/11/99 | 0 | 9/27/99 | 0 |
| 9/12/99 | 0 | 9/28/99 | 0 |
| 9/13/99 | 0 | 9/29/99 | 0 |
| 9/14/99 | 0 | 9/30/99 | 0 |
| 9/15/99 | 0 | | |
| 9/16/99 | 0 | | |

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| DOCKET NO. | 50 - 316 |
| UNIT NAME | D.C. Cook Unit 2 |
| DATE | October 4, 1999 |
| COMPLETED BY | S. A. Richardson |
| TELEPHONE | 616-465-5901 |
| PAGE | 1 of 1 |

UNIT SHUTDOWNS AND POWER REDUCTIONS – September 1999

| 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 | 162.0 | F | 2 | 97-003 97-004 97-005 | N/A | N/A | The unit was shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection. |
| 334 | 101397 | S | 582.0 | C | 4 | N/A | N/A | N/A | The scheduled refueling outage commenced while the unit has been shutdown to resolve design basis questions discovered during the NRC AE Inspection. |
| 335 | 010798 | F | 720.0 | F | 4 | N/A | N/A | N/A | The unit remained shutdown to resolve design basis questions identified 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 |
|---|--|--|---|---|

