

CATEGORY 1

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 FACIL:50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH.NAME AUTHOR AFFILIATION
 MINOR,J.W.. Indiana Michigan Power Co.
 CENTER,J.F. Indiana Michigan Power Co.
 COOPER,D.E. Indiana Michigan Power Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for July 1998 for DC Cook Nuclear
 Plant Unit 2.W/980806 ltr.

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American Electric Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

August 6, 1998

Gentlemen,

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2 Technical Specification 6.9.1.10, the attached Monthly Operating Report for the month of July 1998 is submitted.

Sincerely,

A handwritten signature, likely of D.E. Cooper, is written over a horizontal line.

D.E. Cooper
Plant Manager

/jc

Attachment

c: NRC Region III
INPO Records Center
ANI Nuclear Engineering Department
D.R. Hahn
S. Hamming
B. Lewis
J.R. Sampson
B.L. Bartlett
P.A. Barrett
S.J. Brewer
D.W. Paul
D.L. Noble
W.H. Schalk
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D.P. Lynch
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N.R.C. OPERATING DATA REPORT

| | |
|--------------|----------------|
| DOCKET NO. | 50 - 316 |
| DATE | August 4, 1998 |
| COMPLETED BY | JW Minor |
| TELEPHONE | 616-465-5901 |

OPERATING STATUS

| | |
|--------------------------------------------|-------------------|
| 1. Unit Name | D. C. Cook Unit 2 |
| 2. Reporting Period | Jul-98 |
| 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 |

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 | 5088.0 | 180408.0 |
| 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 | 66.4 |
| 20. Unit Availability Factor | 0.0 | 0.0 | 66.4 |
| 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 | 17.3 |

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:
To be Determined.

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

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

DOCKET NO.
UNIT NAME
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D.C. Cook Unit 2
August 4, 1998
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

July 1998

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|---------|------------------------------|---------|------------------------------|
| 7/1/98 | 0 | 7/17/98 | 0 |
| 7/2/98 | 0 | 7/18/98 | 0 |
| 7/3/98 | 0 | 7/19/98 | 0 |
| 7/4/98 | 0 | 7/20/98 | 0 |
| 7/5/98 | 0 | 7/21/98 | 0 |
| 7/6/98 | 0 | 7/22/98 | 0 |
| 7/7/98 | 0 | 7/23/98 | 0 |
| 7/8/98 | 0 | 7/24/98 | 0 |
| 7/9/98 | 0 | 7/25/98 | 0 |
| 7/10/98 | 0 | 7/26/98 | 0 |
| 7/11/98 | 0 | 7/27/98 | 0 |
| 7/12/98 | 0 | 7/28/98 | 0 |
| 7/13/98 | 0 | 7/29/98 | 0 |
| 7/14/98 | 0 | 7/30/98 | 0 |
| 7/15/98 | 0 | 7/31/98 | 0 |
| 7/16/98 | 0 | | |

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D.C. Cook Unit 2
August 4, 1998
JF Center
616-697-5098
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MONTHLY OPERATING ACTIVITIES - June 1998

HIGHLIGHTS

The unit entered this reporting period in Mode 6 at 0% RTP.

The unit exited this reporting period in Mode 5 at 0% RTP.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of July was 0 MWh.

DETAILS*

07/01/98

Unit remained shutdown the entire reporting period to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

* All time entries are Eastern Standard Time (EST).

| | |
|--------------|------------------|
| DOCKET NO. | 50 - 316 |
| UNIT NAME | D.C. Cook Unit 2 |
| DATE | August 4, 1998 |
| COMPLETED BY | JF Center |
| TELEPHONE | 616-697-5098 |
| PAGE | 1 of 1 |

UNIT SHUTDOWNS AND POWER REDUCTIONS - July 1998

| 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 |
|-----|--------|-------------------|-------------------|---------------------|-------------------------------------------------------|---------------------------------|-----------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 335 | 010798 | F | 744.0 | F | 4 | 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 |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|