

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9106190113    DOC. DATE: 91/05/31    NOTARIZED: NO    DOCKET #  
FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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RECIP. NAME    RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1991 for Cook Nuclear Plant  
Unit 2.W/910605 ltr.

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



June 5, 1991

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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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 May 1991 is submitted.

Respectfully,

A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 04-Jun-91

COMPLETED BY WT GILLETT

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period MAY, 91
3. Licensed Thermal Power (Mwt) 3411
4. Name Plate Rating (Gross MWe) 1133
5. Design Electrical Rating (Net MWe) 1100
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 Mo. | Yr. to Date | Cumm.     |
|--|----------|-------------|-----------|
| 11. Hours in Reporting Period  | 744.0    | 3623.0      | 117575.0  |
| 12. No. of Hrs. Reactor Was Critical   | 744.0    | 3570.7      | 78705.6   |
| 13. Reactor Reserve Shutdown Hours   | 0.0      | 0.0         | 0.0       |
| 14. Hours Generator on Line  | 744.0    | 3565.4      | 77151.3   |
| 15. Unit Reserve Shutdown Hours  | 0.0      | 0.0         | 0.0       |
| 16. Gross Therm. Energy Gen. (MWH)   | 2495857  | 11828179    | 237995232 |
| 17. Gross Elect. Energy Gen. (MWH)   | 804380   | 3878690     | 77665530  |
| 18. Net Elect. Energy Gen. (MWH)   | 777036   | 3746969     | 74805936  |
| 19. Unit Service Factor  | 100.0    | 98.4        | 67.0      |
| 20. Unit Availability Factor   | 100.0    | 98.4        | 67.0      |
| 21. Unit Capacity Factor (MDC Net)   | 98.5     | 97.6        | 61.3      |
| 22. Unit Capacity Factor (DER Net)   | 94.9     | 94.0        | 59.6      |
| 23. Unit Forced Outage Rate  | 0.0      | 1.6         | 13.1      |
| 24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):<br>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

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316  
 UNIT TWO  
 DATE 04-Jun-91  
 COMPLETED BY WT GILLET  
 TELEPHONE 616-465-5901

MONTH MAY, 91

| DAY | AVERAGE DAILY<br>POWER LEVEL | DAY | AVERAGE DAILY<br>POWER LEVEL |
|-----|------------------------------|-----|------------------------------|
| 1   | 1077                         | 17  | 1061                         |
| 2   | 1071                         | 18  | 1079                         |
| 3   | 1077                         | 19  | 1073                         |
| 4   | 1075                         | 20  | 1088                         |
| 5   | 1036                         | 21  | 1055                         |
| 6   | 1122                         | 22  | 1072                         |
| 7   | 1076                         | 23  | 1063                         |
| 8   | 1078                         | 24  | 1068                         |
| 9   | 1073                         | 25  | 1026                         |
| 10  | 1069                         | 26  | 815                          |
| 11  | 1069                         | 27  | 809                          |
| 12  | 1068                         | 28  | 980                          |
| 13  | 1074                         | 29  | 1002                         |
| 14  | 1067                         | 30  | 1015                         |
| 15  | 1069                         | 31  | 1004                         |
| 16  | 1067                         |     |                              |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1991

DOCKET NO: 50-316  
UNIT NAME: D.C. COOK UNIT 2  
DATE: June 5, 1991  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901

| NO. | DATE   | TYPE <sup>1</sup> | DURATION<br>HOURS | REASON <sup>2</sup> | METHOD OF<br>SHUTTING<br>DOWN<br>REACTOR <sup>3</sup> | LICENSEE<br>EVENT<br>REPORT NO. | SYSTEM<br>CODE <sup>4</sup> | COMPONENT<br>CODE <sup>5</sup> | CAUSE AND CORRECTIVE ACTION TO<br>PREVENT RECURRENCE  |
|-----|--------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|---|
| 215 | 910525 | S                 | 0                 | F                   | N/A   | N/A                             | ZZ                          | ZZZZZZ                         | Unit power was reduced to 80% RTP beginning 2300 hours on 910525 to accommodate reduced system demand. Unit power was restored to 100% RTP at 1018 hours on 910528. |

1

2

3

4

5

F: Forced  
S: Scheduled

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)

Method:

1: Manual  
2: Manual Scram  
3: Automatic Scram  
4: Other (Explain)

Exhibit G - Instructions  
for preparation of data  
entry sheets for Licensee  
Event Report (LER) File  
(NUREG 0161)

Exhibit I: Same Source

DOCKET NO: 50-316  
UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: June 5, 1991  
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - May 1991

HIGHLIGHTS

The unit entered the reporting period at 100% RTP. Unit power was reduced to 80% RTP to meet reduced system demand beginning 2300 hours on 910525. Unit power was restored to 100% RTP at 1018 hours on 910528. The unit exited the reporting period at 100% RTP.

Gross electrical generation for the month of May was 804380 MWH.

DETAILS

|          |      |   |
|----------|------|---|
| 05/25/91 | 2300 | Commenced unit power reduction to 80% RTP to accommodate the reduced system power demand for the holiday weekend. |
| 05/26/91 | 0002 | The unit is at 80% RTP.   |
| 05/28/91 | 0340 | Commenced unit power increase to 100% RTP.  |
|          | 1018 | The unit is at 100% RTP.  |



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UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: June 5, 1991  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - May 1991

There were no major safety-related maintenance items during the month of May.