

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8805260318 DOC. DATE: 88/04/08 NOTARIZED: NO DOCKET #  
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH. NAME AUTHOR AFFILIATION  
 PUPLIS, A.S. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 SMITH, W.G. Indiana Michigan Power Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1988.W/880408 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6  
 TITLE: Monthly Operating Report (per Tech Specs)

### NOTES:

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| INTERNAL: AEOD/DOA         | 1 1                 | AEOD/DSP/TPAB             | 1 1                 |
| ARM TECH ADV               | 2 2                 | NRR/DLPQ/PEB 11           | 1 1                 |
| NRR/DOEA/EAB 11            | 1 1                 | NRR/DREP/RPB 10           | 1 1                 |
| NRR/PMAS/TLRB12            | 1 1                 | NUDOCS-ABSTRACT           | 1 1                 |
| REG FILE 01                | 1 1                 | RGN3                      | 1 1                 |
| EXTERNAL: EG&G WILLIAMS, S | 1 1                 | LPDR                      | 1 1                 |
| NRC PDR                    | 1 1                 | NSIC                      | 1 1                 |

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5-26-88*

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO. 50-316  
UNIT NAME D.C. Cook Unit 2  
DATE 04-08-88  
COMPLETED BY A. S. Puplis  
TELEPHONE (616) 465-5901

| No. | Date | Type <sup>1</sup> | Duration<br>(Hours) | Reason <sup>2</sup> | Method of<br>Shutting<br>Down Reactor <sup>3</sup> | Licensee<br>Event<br>Report # | System<br>Code <sup>4</sup> | Component<br>Code <sup>5</sup> | Cause & Corrective<br>Action to<br>Prevent Recurrence                  |
|-----|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|--|
|     |      |                   |                     |                     |  |                               |                             |                                | There were no power reductions or outages during the reporting period. |

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance of Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup>  
Exhibit I - Same Source

(9/77)

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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316  
 DATE 04-APR-88  
 COMPLETED BY Michaelson  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----  
 2. Reporting Period MAR-88 notes  
 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 \_\_\_\_\_

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    | 2184.0      | 89832.0   |
| 12. No. of Hrs. Reactor Was Critical | 744.0    | 2184.0      | 63063.6   |
| 13. Reactor Reserve Shutdown Hours   | 0.0      | 0.0         | 0.0       |
| 14. Hours Generator on Line          | 744.0    | 2184.0      | 61678.9   |
| 15. Unit Reserve Shutdown Hours      | 0.0      | 0.0         | 0.0       |
| 16. Gross Therm. Energy Gen. (MWH)   | 2038466  | 5978341     | 188133738 |
| 17. Gross Elect. Energy Gen. (MWH)   | 666170   | 1955650     | 61432270  |
| 18. Net Elect. Energy Gen. (MWH)     | 639969   | 1878687     | 59140087  |
| 19. Unit Service Factor              | 100.0    | 100.0       | 70.6      |
| 20. Unit Availability Factor         | 100.0    | 100.0       | 70.6      |
| 21. Unit Capacity Factor (MDC Net)   | 81.1     | 81.2        | 63.8      |
| 22. Unit Capacity Factor (DER Net)   | 78.2     | 78.2        | 62.3      |
| 23. Unit Forced Outage Rate          | 0.0      | 0.0         | 14.6      |

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Steam generator replacement outage to begin on April 23, 1988 for an estimated duration of 225 days.

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-APR-88  
 COMPLETED BY Michaelson  
 TELEPHONE 616-465-5901

MONTH MAR-88

| DAY | AVERAGE DAILY<br>POWER LEVEL | DAY | AVERAGE DAILY<br>POWER LEVEL |
|-----|------------------------------|-----|------------------------------|
| 1   | 862                          | 17  | 860                          |
| 2   | 863                          | 18  | 860                          |
| 3   | 865                          | 19  | 862                          |
| 4   | 861                          | 20  | 860                          |
| 5   | 862                          | 21  | 861                          |
| 6   | 864                          | 22  | 858                          |
| 7   | 861                          | 23  | 861                          |
| 8   | 865                          | 24  | 860                          |
| 9   | 863                          | 25  | 860                          |
| 10  | 860                          | 26  | 855                          |
| 11  | 862                          | 27  | 856                          |
| 12  | 863                          | 28  | 856                          |
| 13  | 859                          | 29  | 858                          |
| 14  | 859                          | 30  | 858                          |
| 15  | 857                          | 31  | 855                          |
| 16  | 858                          |     |                              |

DOCKET NO: 50-316  
UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: A. S. Puplis  
TELEPHONE: (616) 465-5901  
DATE: April 8, 1988  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1988

HIGHLIGHTS

The reporting period began with the Unit at its administrative power limit of 80% reactor power. The unit operated at 80% the entire reporting period.

Gross electrical generation for the month of March was 666,170 MWH.

DETAILS

03-28-88 1230 A packing gland on the north seal injection filter differential pressure indicator failed resulting in the leakage of 300 gallons to the 587' elevation of the auxiliary building, causing extensive contamination of the area. The failed packing gland was manually isolated at 1310.

DOCKET NO. 50-316  
UNIT NAME D.C.Cook-Unit No. 2  
DATE April 1, 1988  
COMPLETED BY A. S. Puplis  
TELEPHONE (616) 465-5901  
PAGE 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

MARCH 1988

There were no Unit 2 Safety Related Maintenance Orders for the month of March.

Indiana Michigan  
Power Company  
Cook Nuclear Plant  
P.O. Box 458  
Bridgman, MI 49106  
616 465 5901




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

April 8, 1988

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 March, 1988 is submitted.

Sincerely,

  
W. G. Smith, Jr. for  
Plant Manager

WGS/jd

cc: D. H. Williams, Jr.  
M. P. Alexich  
R. W. Jurgensen  
R. C. Callen  
C. A. Erikson  
D. W. Paul  
D. R. Hahn  
J. J. Markowsky  
E. A. Morse  
PNSRC File  
INPO Records Center  
ANI Nuclear Engineering Department  
T. R. Stephens  
NRC Region III  
B. L. Jorgensen  
S. L. Hall  
D. A. Timberlake  
EPRI--Nuclear Safety Analysis Center

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5-26-88*

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