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



October 5, 1992

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

Gentlemen:

Pursuant to the requirements of Donald C. Cook Nuclear Plant  
Unit 1 Technical Specification 6.9.1.10, the attached Monthly  
Operating Report for the month of September 1992 is submitted.

Respectfully,

A handwritten signature in cursive script that reads 'A. A. Blind'.

A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
J.G. Keppler  
INPO Records Center  
ANI Nuclear Engineering Department  
D.H. Williams, Jr.  
E.E. Fitzpatrick  
R.L. Simms  
W.G. Smith, Jr.  
D.A. Georgantis  
D.W. Paul  
S.H. Steinhart  
J.L. Leichner  
J.A. Isom  
D.G. Turner  
E.A. Smarrella  
J.C. Krieger  
B.A. Svensson  
D.F. Krause  
E.C. Schimmel

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 01-Oct-92  
 COMPLETED BY DG Turner  
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period September 92 notes  
 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  
 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                                            | 720.0    | 6576.0      | 155592.0  |
| 12. No. of Hrs. Reactor Was Critical                                     | 0.0      | 4156.9      | 115298.2  |
| 13. Reactor Reserve Shutdown Hours                                       | 0.0      | 0.0         | 463.0     |
| 14. Hours Generator on Line                                              | 0.0      | 4156.9      | 113312.7  |
| 15. Unit Reserve Shutdown Hours                                          | 0.0      | 0.0         | 321.0     |
| 16. Gross Therm. Energy Gen. (MWH)                                       | 0        | 11729928    | 330914618 |
| 17. Gross Elect. Energy Gen. (MWH)                                       | 0        | 3746530     | 107492290 |
| 18. Net Elect. Energy Gen. (MWH)                                         | 0        | 3595487     | 103367196 |
| 19. Unit Service Factor                                                  | 0.0      | 63.2        | 73.8      |
| 20. Unit Availability Factor                                             | 0.0      | 63.2        | 73.8      |
| 21. Unit Capacity Factor (MDC Net)                                       | 0.0      | 54.7        | 66.0      |
| 22. Unit Capacity Factor (DER Net)                                       | 0.0      | 53.5        | 64.3      |
| 23. Unit Forced Outage Rate                                              | ERR      | 0.0         | 6.6       |
| 24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): |          |             |           |

25. If Shut Down At End of Report Period, Estimated Date of Startup:  
 921017

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

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



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AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
UNIT ONE  
DATE 01-Oct-92  
COMPLETED BY DG Turner  
TELEPHONE 616-465-5901

MONTH September 92

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: September 1992

UNIT NAME: D.C. COOK UNIT 1  
 DATE: October 1, 1992  
 COMPLETED BY: G.J. Costello  
 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                                                              |
|---------------|--------|-------------------|-------------------|---------------------|-------------------------------------------------------|---------------------------------|-----------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 301<br>Cont'd | 920622 | S                 | 720               | B/C                 | 1                                                     | N/A                             | N/A                         | N/A                            | The unit remained shutdown for the cycle 12 to 13 maintenance/refueling outage through out this reporting period. |

|                                                    |                                                                                                                                                                                                                                                                               |                                                                                                                 |                                                                                                                                         |                                                |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <p><sup>1</sup><br/>F: Forced<br/>S: Scheduled</p> | <p><sup>2</sup><br/>Reason:<br/>A: Equipment Failure (Explain)<br/>B: Maintenance or Test<br/>C: Refueling<br/>D: Regulatory Restriction<br/>E: Operator Training and License Examination<br/>F: Administrative<br/>G: Operational Error (Explain)<br/>H: Other (Explain)</p> | <p><sup>3</sup><br/>Method:<br/>1: Manual<br/>2: Manual Scram<br/>3: Automatic Scram<br/>4: Other (Explain)</p> | <p><sup>4</sup><br/>Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)</p> | <p><sup>5</sup><br/>Exhibit I: Same Source</p> |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: G.J. Costello  
TELEPHONE: (616) 465-5901  
DATE: October 1, 1992  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1992

HIGHLIGHTS

The unit entered the reporting period in Mode 6, with the core off loaded and the reactor coolant system drained. The unit remained shutdown during this reporting period in support of the cycle 12 to 13 maintenance/refueling outage.

Mode 6, refueling was entered on September 18 and the reactor core reload was completed on September 20. The reactor head was set on September 22.

The unit exited this reporting period in Mode 5.

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

Gross electrical generation for the month of September was 0 MWH.

DETAILS

|         |      |                                                            |
|---------|------|------------------------------------------------------------|
| 9-18-92 | 1349 | Commence fuel reload from the spent fuel pool to the core. |
|         | 1436 | Entered Mode 6, first fuel assembly placed in the vessel.  |
| 9-20-92 | 1718 | All fuel assemblies are in the core.                       |
| 9-22-92 | 0701 | Reactor vessel head is set.                                |
| 9-25-92 | 0333 | Entered Mode 5.                                            |



DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: October 5, 1992  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - September 1992

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



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