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SUBJECT: Monthly operating rept for June 1992 for DC Cook Nuclear  
 Plant, Unit 1. W. 920707 ltr.

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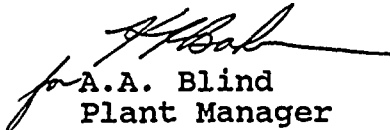
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U.S. Nuclear Regulatory Commission  
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Gentlemen:

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 June 1992 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. 50-315

DATE 08-Jul-92

COMPLETED BY Turner/Michaelson

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period June 92  
 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 \_\_\_\_\_

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  | 720.0    | 4368.0      | 153384.0  |
| 12. No. of Hrs. Reactor Was Critical                                     | 508.9    | 4156.9      | 115298.2  |
| 13. Reactor Reserve Shutdown Hours                                       | 0.0      | 0.0         | 463.0     |
| 14. Hours Generator on Line  | 508.7    | 4156.7      | 113312.7  |
| 15. Unit Reserve Shutdown Hours  | 0.0      | 0.0         | 321.0     |
| 16. Gross Therm. Energy Gen. (MWH)                                       | 867937   | 11729928    | 330914618 |
| 17. Gross Elect. Energy Gen. (MWH)                                       | 257870   | 3746530     | 107492290 |
| 18. Net Elect. Energy Gen. (MWH)   | 240138   | 3595487     | 103367196 |
| 19. Unit Service Factor  | 70.7     | 95.2        | 74.9      |
| 20. Unit Availability Factor   | 70.7     | 95.2        | 74.9      |
| 21. Unit Capacity Factor (MDC Net)                                       | 33.4     | 82.3        | 67.0      |
| 22. Unit Capacity Factor (DER Net)                                       | 32.4     | 80.6        | 65.3      |
| 23. Unit Forced Outage Rate  | 0.0      | 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:  
 920912

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. 50-315  
 UNIT ONE  
 DATE 08-Jul-92  
 COMPLETED BY Turner/Michaelson  
 TELEPHONE 616-465-5901

MONTH June 92

| DAY | AVERAGE DAILY<br>POWER LEVEL | DAY | AVERAGE DAILY<br>POWER LEVEL |
|-----|------------------------------|-----|------------------------------|
| 1   | 540                          | 17  | 432                          |
| 2   | 560                          | 18  | 423                          |
| 3   | 523                          | 19  | 420                          |
| 4   | 519                          | 20  | 422                          |
| 5   | 512                          | 21  | 416                          |
| 6   | 504                          | 22  | 37                           |
| 7   | 499                          | 23  | 0                            |
| 8   | 495                          | 24  | 0                            |
| 9   | 482                          | 25  | 0                            |
| 10  | 480                          | 26  | 0                            |
| 11  | 468                          | 27  | 0                            |
| 12  | 465                          | 28  | 0                            |
| 13  | 460                          | 29  | 0                            |
| 14  | 455                          | 30  | 0                            |
| 15  | 449                          |     |                              |
| 16  | 443                          |     |                              |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1992

UNIT NAME: D.C. COOK UNIT.1  
 DATE: July 3, 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  |
|---------------|--------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|---|
| 300<br>Cont'd | 920418 | S                 | 0                 | H                   | 4   | N/A                             | N/A                         | N/A                            | The end of core life power coastdown program was terminated on 920622 at 0130 when the power reduction was started to remove the unit from service for cycle 12 to 13 maintenance/refueling outage.   |
| 301           | 920622 | S                 | 211.3             | B/C                 | 1   | 92-005                          | IA                          | INSTRU                         | Following the manual power reduction, the turbine-generator was removed from service at 0443 hours on 920622. While the reactor was subcritical in Mode 3 an automatic reactor trip occurred due to a failure of both NIS Source Range Channels. The reactor trip was caused by high neutron flux on S.R. Channel N-32. |

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

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: G.J. Costello  
TELEPHONE: (616) 465-5901  
DATE: July 3, 1992  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - JUNE 1992

HIGHLIGHTS

The unit entered the reporting period at 60% RTP continuing with the end of core life power coastdown in preparation for the Unit One maintenance/refueling outage.

The unit was removed from service June 22, 1992, followed by the reactor coolant system being cooled down to Mode 5 for the unit maintenance/refueling outage. The unit ended the 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 June was 523730 MWH.

DETAILS

|         |      |  |
|---------|------|--|
| 6-6-92  | 1610 | Notification to NRC to report exceeding residual chlorine limit to the Circulation Water System. |
| 6-22-92 | 0130 | Commenced unit shutdown from 47% RTP for maintenance/refueling outage.                           |
|         | 0443 | Tripped the Turbine-Generator. The reactor is in Mode 2.   |
|         | 0458 | Source Range High Flux Reactor Trip. The RCS is in Mode 3.                                       |
|         | 0723 | Notification to NRC to report the failure of both Source Range Channels causing a reactor trip.  |
|         | 2214 | The RCS is in Mode 4.  |
| 6-25-92 | 1710 | The RCS is in Mode 5.  |

DOCKET NO. 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: July 7, 1992  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - June 1992

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



