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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1994 for DC Cook Unit 2.W/
 940907 ltr.

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Cook Nuclear Plant
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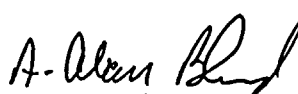
September 7, 1994

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 2 Technical Specification 6.9.1.10, the attached Monthly
Operating Report for the month of August 1994 is submitted.

Respectfully,


A.A. Blind
Plant Manager

Attachment

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 01/Sep/94
 COMPLETED BY J D Janisse
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period AUG 1994 notes
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
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 | 5832.0 | 146088.0 |
| 12. No. of Hrs. Reactor Was Critical | 721.5 | 4552.3 | 99401.3 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator on Line | 715.4 | 4198.8 | 95974.7 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Therm. Energy Gen. (MWH) | 1375741 | 10792107 | 292906201 |
| 17. Gross Elect. Energy Gen. (MWH) | 402090 | 3332520 | 94940420 |
| 18. Net Elect. Energy Gen. (MWH) | 377278 | 3184442 | 91410424 |
| 19. Unit Service Factor | 96.2 | 72.0 | 66.8 |
| 20. Unit Availability Factor | 96.2 | 72.0 | 66.8 |
| 21. Unit Capacity Factor (MDC Net) | 47.8 | 51.5 | 59.9 |
| 22. Unit Capacity Factor (DER Net) | 46.5 | 50.1 | 58.3 |
| 23. Unit Forced Outage Rate | 3.8 | 26.0 | 15.9 |

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Refueling Outage to begin September 6, 1994 for an estimated duration of 70 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 06/Sep/94
 COMPLETED BY J D Janisse
 TELEPHONE 616-465-5901

MONTH

AUG 1994

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|----------|------------------------------|----------|------------------------------|
| 94/08/01 | 684 | 94/08/17 | 281 |
| 94/08/02 | 671 | 94/08/18 | 412 |
| 94/08/03 | 657 | 94/08/19 | 423 |
| 94/08/04 | 649 | 94/08/20 | 423 |
| 94/08/05 | 678 | 94/08/21 | 426 |
| 94/08/06 | 677 | 94/08/22 | 427 |
| 94/08/07 | 656 | 94/08/23 | 423 |
| 94/08/08 | 639 | 94/08/24 | 423 |
| 94/08/09 | 639 | 94/08/25 | 421 |
| 94/08/10 | 635 | 94/08/26 | 419 |
| 94/08/11 | 597 | 94/08/27 | 422 |
| 94/08/12 | 605 | 94/08/28 | 422 |
| 94/08/13 | 601 | 94/08/29 | 423 |
| 94/08/14 | 589 | 94/08/30 | 424 |
| 94/08/15 | 548 | 94/08/31 | 428 |
| 94/08/16 | 0 | | |

DOCKET NO.: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: D. L. Bublick
TELEPHONE: (616) 465-5901
DATE: Sept 6, 1994
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - AUGUST 1994

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 72% RTP.

End of core life power coastdown program continues in preparation for the cycle 9 to 10 refueling outage.

On August 15, 1994 at 2351, a turbine trip followed by a reactor trip occurred due to blockage of feedpump condenser tubes.

The reactor was taken critical on August 16, 1994 at 2222. Mode 1 was entered on August 17, 1994 at 0105 followed by the parallel to the grid at 0430 the same day. Power increase was commenced per the power ascension program.

The unit exited this reporting period in Mode 1 at 48% RTP.

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

Gross Electrical generation for the month of August was 402090 MWH.

DETAILS

| | | |
|---------|------|---|
| 8-15-94 | 2351 | Reactor trip/turbine trip. Blockage of feedpump condenser tubes caused low feed pump condenser vacuum, resulting in a turbine trip. This turbine trip caused a reactor trip. RCS in Mode 3. |
| 8-16-94 | 2127 | Commence Reactor startup; entering Mode 2. |
| | 2222 | Reactor taken critical. |
| | 2255 | Reactor power is at 2% RTP. |
| 8-17-94 | 0056 | Increasing reactor power to 8% RTP for Turbine Roll. |
| | 0105 | Entered Mode 1. |
| | 0145 | Holding Reactor power at 8% RTP for Turbine Roll. |
| | 0151 | Resume power ascension. |
| | 0430 | Reactor parallel to grid. |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1994

UNIT NAME: D. C. COOK UNIT 2
DATE: Sept 6, 1994
COMPLETED BY: D. L. Bublick
TELEPHONE: (616) 465-5901
Page 1 of 1

| 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 |
|-----|--------|-------------------|-------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
| 237 | 940708 | S | N/A | H | 4 | N/A | N/A | N/A | End of core life power coastdown program continues in preparation for the cycle 9 to 10 refueling outage. |
| 238 | 940815 | | 28.7 | H | 3 | 94-005 | SJ | P | Blockage of feedpump condenser tubes caused low feedpump condenser vacuum, resulting in a turbine trip. This then caused a reactor trip. |

| | | | | |
|--------------------------------|---|--|--|---------------------------------|
| 1 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 Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 1061) | 5. Exhibit I: Same Source |
|--------------------------------|---|--|--|---------------------------------|

