

**OCT 12 2000**

**LRN-00-0411**



**U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555**

Gentlemen:

**MONTHLY OPERATING REPORT  
HOPE CREEK GENERATING STATION UNIT 1  
DOCKET NO. 50-354**

In compliance with Section 6.9, Reporting Requirements for the Hope Creek Technical Specifications, the operating statistics for **September 2000** are being forwarded. Also being forwarded, pursuant to the requirements of 10CFR50.59(b), is a summary of changes, tests, and experiments that were implemented in **September 2000**.

Sincerely,

A handwritten signature in black ink, appearing to read "D.F. Garchow", written over a horizontal line.

**D. F. Garchow  
Acting Vice President - Operations**

**RAR  
Attachments**

**C Distribution**

*IE24*

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DOCKET NO.: 50-354  
 UNIT: Hope Creek  
 DATE: 10/10/00  
 COMPLETED BY: F. Todd  
 TELEPHONE: (856) 339-1316

Reporting Period September 2000

### OPERATING DATA REPORT

Design Electrical Rating (MWe-Net)  
 Maximum Dependable Capacity (MWe-Net)

No. of hours reactor was critical  
 No. of hours generator was on line (service hours)

Unit reserve shutdown hours  
 Net Electrical Energy (MWH)

|        |              |            |
|--------|--------------|------------|
| 1067   |              |            |
| 1031   |              |            |
| Month  | Year-to-date | Cumulative |
| 720    | 5511         | 102238     |
| 720    | 5050         | 100197     |
| 0      | 0            | 0          |
| 746490 | 4941967      | 101240566  |

### UNIT SHUTDOWNS

| NO. | DATE | TYPE<br>F=FORCED<br>S=SCHEDULED | DURATION<br>(HOURS) | REASON<br>(1) | METHOD OF<br>SHUTTING<br>DOWN THE<br>REACTOR (2) | CORRECTIVE ACTION/<br>COMMENT |
|-----|------|---------------------------------|---------------------|---------------|--|-------------------------------|
|     |      |                                 |                     |               |  |                               |

#### (1) Reason

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training/License Examination
- F - Administrative
- G - Operational Error (Explain)
- H - Other

#### (2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

DOCKET NO.: 50-354  
UNIT: Hope Creek  
DATE: 10/10/00  
COMPLETED BY: R. Ritzman  
TELEPHONE: (856) 339-1445

**Summary Of Monthly Operating Experience**

- Hope Creek entered the month of September at approximately 100% reactor power.
- On September 10, reactor power was reduced to 86% for planned Control Valve Testing and returned to approximately 100% later that day.
- On September 30, reactor power was reduced to approximately 60% for a scheduled Deep Shallow Rod Pattern adjustment. Reactor power was in the process of being returned to 100% power at the end of the month.
- At the end of the month, Hope Creek completed 66 days of continuous on-line operation.

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TELEPHONE: (856) 339-1445

**SUMMARY OF CHANGES, TESTS, AND EXPERIMENTS**  
**FOR THE HOPE CREEK GENERATING STATION**

**MONTH September 2000**

The following items completed during **September 2000** have been evaluated to determine:

1. If the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report may be increased; or
2. If a possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report may be created; or
3. If the margin of safety as defined in the basis for any technical specification is reduced.

The 10CFR50.59 Safety Evaluations showed that these items did not create a new safety hazard to the plant nor did they affect the safe shutdown of the reactor. These items did not change the plant effluent releases and did not alter the existing environmental impact. The 10CFR50.59 Safety Evaluations determined that no unreviewed safety or environmental questions are involved.

**Design Changes    Summary of Safety Evaluations**

There were no reportable changes in this category implemented during September 2000.

**Temporary Modifications    Summary of Safety Evaluations**

There were no reportable changes in this category implemented during September 2000.

**SUMMARY OF CHANGES, TESTS, AND EXPERIMENTS**  
**FOR THE HOPE CREEK GENERATING STATION – Cont'd**

**Procedures Summary of Safety Evaluations**

There were no reportable changes in this category implemented during September 2000.

**UFSAR Change Notices Summary of Safety Evaluations**

**UFSAR Change Notice HCN 00-044, Extraction Steam Bleeder Trip Valve Motor Operators.** This UFSAR change notice clarifies the function of the motor operators associated with the check valves from the low pressure turbines to the #3 and #4 feedwater heaters. This UFSAR change notice also changes terminology to be consistent with industry standards.

This change notice does not impact the performance of the feedwater heater bleeder trip valves and does not impact the ability of the extraction steam system to provide feedwater heating. There are no operational transients or postulated design basis accidents previously evaluated in the UFSAR that are applicable to this proposal. This change notice does not increase the possibility or consequences of any malfunctions, does not reduce the margin of safety, and does not involve an Unreviewed Safety Question.

**UFSAR Change Notice HCN 00-046, Condensate Oxygen Injection.** This UFSAR change notice revises the portion of the UFSAR that discusses the impact of oxygen sources within the Reactor Coolant System by including the condensate oxygen injection system as a source of oxygen input. This UFSAR change notice is a document only change. This section was overlooked during previous UFSAR changes to support Hydrogen Water Chemistry implementation.

There are no plant changes associated with this UFSAR change notice. This UFSAR change notice updates one section of the UFSAR to be consistent with the other sections and with the as-built plant configuration. This change notice does not increase the possibility or consequences of any accident or malfunction, does not reduce the margin of safety, and does not involve an Unreviewed Safety Question.