

MAR 15 2001

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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 **February 2001** 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 **February 2001**. Future summaries of changes, tests, and experiments that are required to be reported pursuant to the requirements of 10CFR50.59(b) will be reported concurrently with the 10CFR50.71(e) submittal.

Sincerely,

A handwritten signature in black ink, appearing to read "D. F. Garchow".

D. F. Garchow
Vice President - Operations

RAR
Attachments

C Distribution

JED4

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DOCKET NO.: 50-354
 UNIT: Hope Creek
 DATE: 03/09/01
 COMPLETED BY: F. Todd
 TELEPHONE: (856) 339-1316

Reporting Period February 2001

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
672	1416	105863
672	1416	103822
0	0	0
718046	1506216	105076551

UNIT SHUTDOWNS

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTION/ 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: 03/09/01
COMPLETED BY: R. Ritzman
TELEPHONE: (856) 339-1445

Summary Of Monthly Operating Experience

- Hope Creek started the month at approximately 100% reactor power.
- On February 4, power was reduced to approximately 86% for scheduled control valve testing. The unit returned to approximately 100% power on February 5, and remained there for the remainder of the month.
- At the end of February, Hope Creek completed 217 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 February 2001

The following items completed during **February 2001** 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 Evaluation

4EE-0434, Package 1, Install 2-Inch Drain Line and Plug Valve Upstream of the Oily Waste Plug Valves. This design change installed a 2-inch drain line and a plug valve upstream of each of the four oily waste plug valves. This design change provides a more effective method for the removal of oily waste from the drain system. This design change required a 10CFR50.59 safety evaluation because the installation of the drain lines and plug valves is shown on an UFSAR drawing.

This design change does not change the function of the system; it only enhances the ability of the system to remove excessive oil from the drainage. This design change 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.

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

80010404, Installation of Crossflow Meter for Flow Nozzle Correction. This design change installs a crossflow meter to measure feedwater flow. This flow meter provides an additional flow measurement for comparison to the previously installed feedwater flow nozzles. The crossflow meter provides for greater accuracy than the feedwater flow nozzles.

The information obtained from the use of the crossflow meter is being used for comparison only; it is not being used for any automatic control or adjustment purposes. Therefore, the design change does not impact any automatic signals or trips. The power supply is non-safety related; therefore, vital power sources are not impacted by this design change. This design change does not change the function of the system; it only enhances the ability of the system to remove excessive oil from the drainage. This design change 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.

Temporary Modifications Summary of Safety Evaluations

There were no reportable changes in this category implemented during February 2001.

Procedures Summary of Safety Evaluations

There were no reportable changes in this category implemented during February 2001.

UFSAR Change Notices Summary of Safety Evaluations

HCN 01-003, PSEG Nuclear Organization Change. This UFSAR change notice involves an organizational change to the PSEG Nuclear structure, providing greater emphasis on a one-site philosophy and equipment reliability. This organizational change created the new position of Vice President – Nuclear Reliability and incorporated the role of the Vice President – Plant Support with the role of the Vice President – Maintenance. Some line functions now report to a different vice president; however, these organizational changes do not eliminate or alter any functions that are important to safety.

This UFSAR change notice consists of organizational changes that are administrative in nature. Therefore, this UFSAR 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.