



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

**Nuclear Business Unit**

**FEB 14 2000**

**LR-N00060**

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 **January 2000** are being forwarded. Also being forwarded, pursuant to the requirements of 10CFR50.59(b), is the summary of changes, tests, and experiments that were implemented during **January 2000**.

Sincerely,

A handwritten signature in black ink, appearing to read "MBB" or similar initials, followed by the text "for MBB".

Mark B. Bezilla  
Vice President - Operations

RAR  
Attachments

C Distribution

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DOCKET NO.: 50-354  
 UNIT: Hope Creek  
 DATE: 2/14/00  
 COMPLETED BY: F. Todd  
 TELEPHONE: (856) 339-1316

Reporting Period January 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
744	744	97471
744	744	95891
0	0	0
775147	775147	97073746

**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)

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TELEPHONE: (856) 339-1445

### **Summary Of Monthly Operating Experience**

- Hope Creek entered the month of January at approximately 85% reactor power as a Y2K roll-over contingency.
- Power was restored to approximately 100% on January 1.
- On January 7, power was reduced to approximately 65% for feedwater heater maintenance and control rod pattern adjustment. Power was restored to approximately 100% on January 8.
- On January 18, power was reduced to approximately 90% following a feedwater heater trip. Power was restored to approximately 100% on January 19.
- At the end of the month, Hope Creek completed 152 days of continuous power operation.

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

**MONTH January 2000**

The following items completed during **January 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**

**4EC-3671, Package 1, Refueling Platform Video Camera and Grapple Head Replacement.** This design change installed a fuel grapple head with an internally mounted video camera system and two externally mounted headlights. This grapple head video camera system will improve fuel-handling operations by enhancing the visual verification capability to properly locate and seat fuel assemblies.

The installed equipment is non-safety related and meets the seismic criteria. This design change does not introduce any new failure mechanisms. This design change does not increase the possibility or consequences of any accident or malfunction, does not reduce the margin of safety, and, therefore, does not involve an Unreviewed Safety Question.

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

**4HE-0258, Package 4, Channel "D" Station Service Water Strainer Small Bore Drain Line Piping Replacement.** This design change replaced the one and two inch Channel "D" Service Water Strainer Drain cement lined carbon steel piping with molybdenum austenitic stainless steel piping. The new material is more resistant to corrosion and does not result in any changes to the function or operation of the system.

This design change does not affect the performance of any system or component required to mitigate the consequences of an accident and does not impact any initiating event mechanisms. This design change does not increase the possibility or consequences of any accident or malfunction, does not reduce the margin of safety, and, therefore, does not involve an Unreviewed Safety Question.

**Temporary Modifications Summary of Safety Evaluations**

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

**Procedures Summary of Safety Evaluations**

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

**UFSAR Change Notices Summary of Safety Evaluations**

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