



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

Nuclear Business Unit

**DEC 18 1999**  
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U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Attn: Document Control Desk

**MONTHLY OPERATING REPORT  
SALEM UNIT NO. 2  
DOCKET NO. 50-311**

Gentlemen:

In compliance with Section 6.9.1.6, Reporting Requirements for the Salem Technical Specifications, the original Monthly Operating report for November 1999 is attached.

Sincerely,

A handwritten signature in black ink, appearing to read "M. B. Bezilla".

M. B. Bezilla  
Vice President - Operations

/rbk  
Enclosures

C Mr. H. J. Miller  
Regional Administrator USNRC, Region 1  
475 Allendale Road  
King of Prussia, PA 19046

IE24

The power is in your hands.

PDR ADOCK W3000311

DOCKET NO.: 50-311  
 UNIT: Salem 2  
 DATE: 12/15/99  
 COMPLETED BY: R. Knieriem  
 TELEPHONE: (856) 339-1782

Reporting Period: November 1999

**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)

1115		
1106		
Month	Year-to-date	Cumulative
720	6743	95361
720	6687	92038
0.0	0.0	0.0
784648	7132494	92105325

**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)

Summary:

Salem Unit 2 began the month of November operating at full power. Full power operation continued until November 12, when power was reduced to 50% to perform turbine valve testing and Steam Generator Feed Pump maintenance. Salem Unit 2 returned to full power on November 14, and operated at full power for the remainder of the month.

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**SUMMARY OF CHANGES, TESTS, AND EXPERIMENTS**  
**FOR THE SALEM UNIT 2 GENERATING STATION**

**MONTH: November 1999**

The following items completed during November 1999 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**

**Modification 2EE-0330, Pkg. 2, Rev. 0, 22 Service Water Traveling Screen Replacement**

This modification improved the existing Service Water Traveling Screens by replacing the screen material with a new Smooth-Tex design and the existing three nozzle type screen wash headers were replaced with new assemblies having six. The modification also added air-operated valves to isolate the safety-related portion of the Service Water system from the non-Safety-related screen wash portion of the system.

Review of this modification under 10CFR50.59 was required because the upgrade of the 12 Service Water Traveling Screen constituted a change to the facility as described in the SAR. This upgrade improved the operation of the traveling screens and enhanced their ability to carry out their design function. Therefore, this change would not increase the probability or consequences of an accident previously analyzed. Additionally, this change did not increase the

probability or consequences of a malfunction of equipment important to safety. This change would not create any new accidents or malfunctions since no new failure modes were introduced. In addition the Technical Specification Bases were not affected and no changes to the Technical Specifications were required.

#### **Modification 70000440, Permanent Plugging of Floor Drains**

This modification installed plates in floor drains in seven locations in Salem Unit 2. The plates were installed to plug the open drains in order to prevent steam flow from a potential Main Steam Line Break (MSLB) from communicating through the drains to mild areas in the Auxiliary Building.

Review of this modification under 10CFR50.59 was required because the installation of the plates in the floor drains constituted a change to the facility as described in the SAR. This change will assure the preservation of environmental conditions around equipment required for safety in the event of a MSLB. Therefore, this change would not increase the probability or consequences of an accident previously analyzed. Additionally, this change did not increase the probability or consequences of a malfunction of equipment important to safety. This change would not create any new accidents or malfunctions since no new failure modes were introduced. In addition the Technical Specification Bases were not affected and no changes to the Technical Specifications were required.

#### **Temporary Modifications - Summary of Safety Evaluations**

There were no changes in this category implemented during November 1999.

#### **Procedures - Summary of Safety Evaluations**

There were no changes in this category implemented during November 1999.

#### **UFSAR Change Notices - Summary of Safety Evaluations**

There were no changes in this category implemented during November 1999.

#### **Deficiency Reports - Summary of Safety Evaluations**

There were no changes in this category implemented during November 1999.

#### **Other - Summary of Safety Evaluations**

There were no changes in this category implemented during November 1999.