



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

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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. 1
DOCKET NO. 50-272**

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,

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

TE24

The power is in your hands.

P OR ADDL 05000272

DOCKET NO.: 50-272
 UNIT: Salem 1
 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	6980	117801
720	6920	113507
0	0	0
793056	7187445	113799608

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

(2) Method

- 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

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

Summary:

Salem Unit 1 began the month of November 1999, in power ascension from its 13th refueling outage at 95% power. Power was reduced to 80% on November 3, following the trip of the 12A and 13A Circulating Water pumps. Salem Unit 1 achieved full power on November 4, 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 1 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 1EE-0390, Pkg. 2, Rev. 0, 12 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.

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.