



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. 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 October 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

IE24

The power is in your hands.

PDR ADOCK 0500311 R

DOCKET NO.: 50-311
 UNIT: Salem 2
 DATE: 11/15/99
 COMPLETED BY: R. Knieriem
 TELEPHONE: (856) 339-1782

Reporting Period: October 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
745	6023	94641
745	5967	91318
0.0	0.0	0.0
821167	6347846	91320677

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 operated at full power throughout the month of October 1999.

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

MONTH: October 1999

The following items completed during **October 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

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

Temporary Modifications - Summary of Safety Evaluations

Temporary Modification S99-026, Temporary Hose for Waste Processing

This temporary modification installed temporary hoses to by-pass a portion of leaking piping in the Liquid Waste System. The installation of these hoses allowed the Liquid Waste System to process liquid radioactive waste until repairs could be completed.

Review of this temporary modification under 10CFR50.59 was required because the installation of temporary hoses in the Liquid Waste System constituted a change to the facility as described in the SAR, and changed procedures as described in the SAR. This temporary modification by-passed a section of leaking piping so that radioactive liquid waste processing could continue until piping repairs were completed. 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.

Procedures - Summary of Safety Evaluations

Procedure SC.MD-CM.CAV-0005(Q), Rev 0, Temporary Blank Installation for Switchgear Penetration Area Ventilation System (SPAV) Supply Fans

This procedure was developed to support the installation of a blank flange to isolate a SPAV Supply Fan from the remainder of the system to facilitate maintenance to that fan. During the installation of the blank flange, only one of three SPAV Supply Fans will be in service, vice two of three as required by the SAR.

Review of this procedure under 10CFR50.59 was required because the installation of a blank flange to isolate a SPAV Supply Fan constitutes a change to the facility as described in the SAR, and a change to procedures described in the SAR. During the installation of the blank flange, temperatures of areas cooled by the SPAV system will be monitored so that corrective actions can be taken, if necessary, to prevent exceeding temperature limits in those areas. 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.

UFSAR Change Notices - Summary of Safety Evaluations

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

Deficiency Reports - Summary of Safety Evaluations

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

Other - Summary of Safety Evaluations

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