



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

Nuclear Business Unit

**MAY 15 2000**

LRN-00-0188

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 April 2000 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

The power is in your hands.

NRR -003

IE24

DOCKET NO.: 50-311  
 UNIT: Salem 2  
 DATE: 5/15/00  
 COMPLETED BY: R. Knieriem  
 TELEPHONE: (856) 339-1782

Reporting Period: April 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)**

1115		
1106		
<b>Month</b>	<b>Year-to-date</b>	<b>Cumulative</b>
<b>719</b>	<b>2903</b>	<b>99008</b>
<b>719</b>	<b>2903</b>	<b>95685</b>
<b>0</b>	<b>0</b>	<b>0</b>
<b>766072</b>	<b>3153725</b>	<b>96075943</b>

**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 April 2000 operating at full power. On April 14, power was reduced to 50% to perform Main Turbine Valve Testing, to perform maintenance on the 25 Feedwater Heater, and to perform maintenance on the 22 Moisture Separator Reheater. Salem Unit 2 returned to full power on April 17 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: April 2000**

The following items completed during **April 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**

There were no changes in this category implemented during April 2000.

**Temporary Modifications - Summary of Safety Evaluations**

There were no changes in this category implemented during April 2000.

**Procedures - Summary of Safety Evaluations**

There were no changes in this category implemented during April 2000.

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

**UFSAR Change Notice SCN 00-006, Reactor Coolant Pump Operation During Loss of Seal Injection**

This UFSAR Change Notice revised Section 9.3.4.3.5 of the Salem UFSAR, Malfunction Analysis, to incorporate information disseminated by Westinghouse Nuclear Safety Advisory Letter (NSAL) 99-005 regarding operation of Reactor

Coolant Pumps when seal injection is lost to the Reactor Coolant Pump seals. NSAL 99-005 rescinded earlier guidance that allowed Reactor Coolant Pumps to be operated indefinitely if seal flow is lost and recommends consideration for securing Reactor Coolant Pumps following a loss of seal injection if seal leakoff flow is less than 2.5 gallons per minute.

Review of UFSAR Change Notice SCN 00-006 under 10CFR50.59 was required because the change constitutes a change to the facility as described in the SAR. This UFSAR Change Notice would not increase the probability or consequences of an accident previously analyzed. Additionally, this change would 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.

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

There were no changes in this category implemented during April 2000.

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

There were no changes in this category implemented during April 2000.