PSEG

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

Nuclear Business Unit

MAY 15 2000

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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 April 2000 is attached.

Sincerely,

for MBB

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

NRR-063

DOCKET NO.:50-272
UNIT: Salem 1
DATE: 5/15/00
COMPLETED BY: R. Knieriem
TELEPHONE: (856) 339-1782

Reporting Period: **April 2000**

OPERATING DATA REPORT

Design Electrical Rating (MWe-Net)	**1115**		
Maximum Dependable Capacity (MWe-Net)	**1106**		
	Month	**Year-to-date**	**Cumulative**
No. of hours reactor was critical	**640**	**2654**	**121199**
No. of hours generator was on line (service hours)	**608**	**2590**	**116842**
Unit reserve shutdown hours	**0**	**0**	**0**
Net Electrical Energy (MWH)	**650535**	**2812401**	**117433736**

UNIT SHUTDOWNS

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTION/COMMENT
2	4/12/00 - 4/17/00	F	111 hrs.	B	2	Turbine Electrohydraulic Control System Malfunction

(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 1 began the month of April 2000 operating at full power. On April 1, power was reduced to 90% to perform Main Turbine Valve Testing. The unit returned to full power on the same day. On April 12, Salem Unit 1 was manually shutdown in response to a malfunction of the Main Turbine Electromechanical Hydraulic Control system. The unit was returned to service 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 1 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

Temporary Modification 00-005, Order 80009078, Temporary Modification to 13 Service Water Strainer for Continuous Backwash

This modification was performed to install an electrical jumper to enable 13 Service Water Pump Strainer to remain in continuous backwash, vice cyclic backwash, to assess the potential for improvement in strainer reliability provided by continuous backwash.

Review of this temporary modification under 10CFR50.59 was required because the installation of the electrical jumper to allow operation of the Service Water Pump Strainer in continuous vice cyclic backwash constituted a change to the facility as described in the SAR. This temporary modification did not prevent or inhibit the Service Water Pump Strainer from carrying out its design function.

Therefore, this temporary change 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.

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.

Procedures - Summary of Safety Evaluations

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

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.