

DEC 14 2000



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U. S. Nuclear Regulatory Commission
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Washington, DC 20555

Gentlemen:

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

In compliance with Section 6.9, Reporting Requirements for the Salem Unit 2 Technical Specifications, the operating statistics for **November 2000** are being forwarded. Also being forwarded, pursuant to the requirements of 10CFR50.59(b), is a summary of changes, tests, and experiments that were implemented in **November 2000**.

Sincerely,

A handwritten signature in black ink, appearing to read "D. F. Garchow".

D. F. Garchow
Vice President - Operations

RBK
Attachments

C Distribution

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DOCKET NO.: 50-311
 UNIT: Salem 2
 DATE: 12/8/00
 COMPLETED BY: R. Knieriem
 TELEPHONE: (856) 339-1782

Reporting Period November 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		
Month	Year-to-date	Cumulative
432	7127	103233
380	7075	99858
0	0	0
365508	7562273	100484491

UNIT SHUTDOWNS

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTION/ COMMENT
1	11/01/00 - 11/15/00	S	340	C	2	

(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)

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Summary Of Monthly Operating Experience

- Salem Unit 2 began the month of November 2000 shutdown, in its 11th refueling outage.
- On November 15, Salem Unit 2 returned to service and began ascension to full power.
- Salem Unit 2 achieved full power on November 18, and operated at full power for the remainder of the month.

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

MONTH November 2000

The following items completed during **November 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

Modification 2EC-3590, Package 7, Enclosure for Salem Unit 2 Service Water Accumulator Tanks

This modification installed an enclosure for the Service Water Accumulator tanks that were installed to address concerns related to water hammer and two-phase flow in Containment Fan Coil Units identified by NRC Generic Letter 96-06. The enclosure is provided with a heating and ventilation system to assure that the temperature in the tanks is maintained within operability limits.

Review of this modification under 10CFR50.59 was required because the installation of an enclosure for the Service Water Accumulator Tanks constituted a change to the facility as described in the UFSAR. This modification will assure that the water

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

contained within the Service Water Tanks is maintained within operability limits. 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 2EC-3590, Pkg. 17, Generic Letter 96-06 Modifications

This design change modified the controls to Service Water System Valves SW57, SW122, and SW223 to address single failure concerns. These modifications were performed as a part of actions to address NRC Generic Letter 96-06.

Review of this modification under 10CFR50.59 was required because the modification of the controls to Service Water System Valves SW57, SW122, and SW223 constituted a change to the facility as described in the UFSAR. This change will eliminate single failure issues and will not affect the ability of these valves to perform when required. 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 80004830, Salem Unit 2 Moisture Separator Reheater 23E and 23W Low Pressure Tube Bundle Replacement

This modification involved the removal and replacement of the low pressure tube bundles in the 23E and 23W Moisture Separator Reheaters. These components are non-safety related.

Review of this modification under 10CFR50.59 was required because the removal and replacement of the low pressure tube bundles in the 23E and 23W Moisture Separator Reheaters constituted a change to the facility as described in the UFSAR. This change constituted a change to non-safety related components that will enhance plant and system performance and reliability. 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.

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

Modification 80006006, Turbine Bypass Steam Dump Valve Reliability Improvements

This design change replaced the internals and actuators of the existing Turbine Bypass Steam Dump Valves with new internals and actuators that are better suited for the application than the existing components.

Review of this modification under 10CFR50.59 was required because the replacement of the internals and actuators on the Turbine Bypass Steam Dump Valves constituted a change to the facility as described in the UFSAR. This change will improve system reliability and performance and reduce the need for corrective maintenance. 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 80015427, Installation of a Bypass Line and Valve Around Valve 2ST901

This design change installed a bypass line with a manual valve around ST901, the discharge pressure control valve for the water side of the Main Turbine Lube Oil Coolers and the Steam Generator Feed Pump and Turbine Lube Oil Coolers. This modification was installed to insure that sufficient cooling capacity is available for continued operation during normal and accident conditions. The installed bypass line and manual valve will allow manual throttling of cooling water in the event of a failure of ST901 during operation.

Review of this modification under 10CFR50.59 was required because the installation of the bypass line and manual valve around valve ST901 constituted a change to the facility as described in the UFSAR. This change will enhance system reliability and will permit continuous operation in the event that ST901 fails. 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.

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

Modification 80019872, Reroute Steam Generator Feed Pump (SGFP) Control Valve Stem Leakage to the Main Condenser and Steam Generator Feed Pump Exhaust Hood

This modification routed stem leakage from the SGFP Turbine High Pressure Control Valve gland exhaust leakoff port to the Main Condenser and the SGFP Turbine exhaust in order to mitigate high steam seal exhaust flow that is causing increased valve stem wear on the SGFP Turbine High Pressure Control Valve.

Review of this modification under 10CFR50.59 was required because the rerouting of leakage from the SGFP Turbine High Pressure Control Valve to the Main Condenser and the SGFP Turbine exhaust constitutes a change to the facility as described in the UFSAR. This change was performed to enhance SGFP Turbine reliability and to reduce corrective maintenance and will not affect the functionality of the SGFPs. 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 reportable changes in this category implemented during November 2000.

Procedures Summary of Safety Evaluations

There were no reportable changes in this category implemented during November 2000.

UFSAR Change Notices Summary of Safety Evaluations

There were no reportable changes in this category implemented during November 2000.

Other - Summary of Safety Evaluations

There were no reportable changes in this category implemented during November 2000.