

Mr. Harold W. Keiser
Chief Nuclear Officer & President
PSEG Nuclear LLC - X04
Post Office Box 236
Hancocks Bridge, NJ 08038

June 20, 2001

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2, RE:
COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 98-02, "LOSS
OF REACTOR COOLANT INVENTORY AND ASSOCIATED POTENTIAL FOR
LOSS OF EMERGENCY MITIGATION FUNCTION WHILE IN A SHUTDOWN
CONDITION" (TAC NO. MA4771)

Dear Mr. Keiser:

On May 28, 1998, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 98-02 to all holders of operating licenses for Pressurized Water Reactors (PWR), except those who have permanently ceased operations, and have certified that fuel has been permanently removed from the reactor vessel. The NRC issued GL 98-02 to request that PWR licensees evaluate a September 17, 1994, event that occurred at Wolf Creek. The event had the potential to drain down the reactor coolant system (RCS) to the refueling water storage tank (RWST), and render the emergency core cooling system (ECCS) and residual heat removal (RHR) system inoperable by introducing a steam/water mixture to the suction side of the ECCS and RHR pumps. The staff requested addressees of GL 98-02 to provide the following information within 180 days: (1) an assessment of whether or not the addressee's facility is vulnerable to the September 17, 1994, Wolf Creek event, and (2) if the facility is found to be vulnerable, an assessment of the plant-specific 10 CFR Part 50, Appendix B, quality assurance program attributes which will prevent the subject event. If the addressee's facility was determined to be vulnerable, licensees were instructed to provide a response to information item (1) pursuant to 10 CFR 50.54(f) and 10 CFR 50.4, and were to keep the responses to information items (1) and (2) in a licensee's retrievable system for use by the NRC staff on an as-needed basis.

In response to GL 98-02, you provided a letter dated November 18, 1998, for the Salem Nuclear Generating Station, Unit Nos. 1 and 2 (Salem). The submittal indicated that Salem was vulnerable to the type of incident that occurred at Wolf Creek and further indicated that the plant evaluation concerning the subject vulnerability (information item (2) of GL 98-02), was being kept in a retrievable licensee system that the NRC could verify on an as-needed or sample basis, in accordance with GL 98-02.

By letter dated April 25, 2000, the NRC Region I staff issued Inspection Report Nos. 50-272/2000-002 and 50-311/2000-002. The subject inspection report contained details of the NRC staff's on-site verification of activities that you undertook in response to GL 98-02 for Salem. Specifically, the inspector verified that the licensee had effectively implemented administrative controls, configuration management, and operating procedures to preclude an inadvertent draindown event as described in GL 98-02.

H. Keiser

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June 20, 2001

The NRC staff has reviewed your response to GL 98-02 and has concluded that: (1) all the information requested by GL 98-02 has been provided, and (2) that your on-site activities adequately addressed the concerns of GL 98-02 for Salem. Therefore, the staff considers GL 98-02 to be closed for Salem.

Sincerely,

/RA/ R. Ennis for

Robert J. Fretz, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-272 and 50-311

cc: See next page

The NRC staff has reviewed your response to GL 98-02 and has concluded that: (1) all the information requested by GL 98-02 has been provided, and (2) that your on-site activities adequately addressed the concerns of GL 98-02 for Salem. Therefore, the staff considers GL 98-02 to be closed for Salem.

Sincerely,

/RA/

Robert J. Fretz, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-272 and 50-311

cc: See next page

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TEMPLATE = NRR-056

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DATE	06/11/01	6/11/01	4/23/01	4/26/01	6/11/01

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