October 2, 2003

Mr. Roy A. Anderson
President & Chief Nuclear Officer
PSEG Nuclear, LLC - X04
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NO. 2 - UPCOMING STEAM GENERATOR TUBE INSERVICE INSPECTION (TAC NO. MC0773)

Dear Mr. Anderson:

Inservice inspections of steam generator (SG) tubes play a vital role in ensuring that adequate structural integrity of the tubes is maintained. As required by the Salem Nuclear Generating Station (Salem), Unit No. 2, Technical Specifications (TSs), reporting requirements range from submitting a report within 15 days following completion of each inservice inspection of SG tubes that identifies the number of tubes plugged and/or repaired, to submitting a report included in your Annual Operating Report, within 12 months following completion of the inspection, that provides complete results of the SG tube inservice inspection. The report containing the complete results includes the following:

1. Number and extent of tubes inspected;

2. Location and percent of wall-thickness penetration for each indication of an imperfection;

3. Identification of tubes plugged (and/or repaired).

A phone conference will be arranged in the near future with members of your staff to discuss the results of the SG tube inspections that will be performed during the upcoming Salem, Unit No. 2, refueling outage. The conference call will be conducted at an appropriate time during the outage after a majority of the tubes have been inspected, but before the SG inspection activities have been completed. Enclosed is a list of discussion points to facilitate this phone conference.

We request that any significant results discussed during the phone conference, as well as any materials provided by your staff to assist us during the phone conference in the understanding of the SG tube results, be included in one of the special reports required by the TSs.

Sincerely,

/RA/

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

Docket No. 50-311

Enclosure: As stated

cc w/encl: See next page

We request that any significant results discussed during the phone conference, as well as any materials provided by your staff to assist us during the phone conference in the understanding of the SG tube results, be included in one of the special reports required by the TSs.

Sincerely,

/RA/

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

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Enclosure: As stated

cc w/encl: See next page

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ACCESSION NUMBER: ML032750083

OFFICE	PDI-2/PM	PDI-2/LA	EMCB	PDI-2/SC
NAME	RFretz	CRaynor	LLund	JClifford
DATE	9/25/03	9/26/03	9/29/03	9/30/03

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Salem Nuclear Generating Station, Unit No. 2

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STEAM GENERATOR TUBE INSPECTION DISCUSSION POINTS

PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION

PSEG NUCLEAR, LLC

SALEM NUCLEAR GENERATING STATION, UNIT NO. 2

DOCKET NO. 50-311

The following discussion points have been prepared to facilitate the phone conference to be arranged with the Salem Nuclear Generating Station, Unit No. 2 (Salem) licensee to discuss the results of the steam generator (SG) tube inspections to be conducted during the upcoming Salem, Unit No. 2 refueling outage. This conference call will be scheduled to occur towards the end of the planned SG tube inspection interval, but before the unit exits its refueling outage.

The staff plans to document a brief summary of the conference call as well as any material that you may have provided to the staff in support of the call.

1. Discuss whether any primary to secondary leakage existed in this unit prior to shutdown.

2. Discuss the results of secondary side pressure tests.

3. For each SG, provide a description of areas examined, including the expansion criteria utilized and type of probe used in each area. Also, be prepared to discuss your inspection of the tube within the tubesheet, particularly the portion of the tube below the expansion/transition region.

4. Discuss any exceptions taken to the industry guidelines.

5. Provide a summary of the number of indications identified, to date, of each degradation mode and SG tube location (e.g., tube support plate, top-of-tubesheet, etc.). Also, provide information such as voltages, and estimated depths and lengths of the most significant indications.

6. Describe repair/plugging plans for the SG tubes that meet the repair/plugging criteria.

7. Discuss the previous history of SG tube inspection results, including any "look backs" performed; specifically for significant indications or indications where look backs are used in support of dispositioning (e.g., manufacturing burnish marks).

8. Discuss, in general, new inspection findings (e.g., degradation mode or location of degradation new to this unit).

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9. Discuss your use or reliance on inspection probes (eddy current or ultrasonic) other than bobbin and typical rotating probes, if applicable.

10. Describe in-situ pressure test plans and results, if applicable and available, including tube selection criteria.

11. Describe tube pull plans and preliminary results, if applicable and available; include tube selection criteria.

12. Discuss the assessment of tube integrity for the previous operating cycle (i.e., condition monitoring).

13. Provide the schedule for SG-related activities during the remainder of the current outage.

14. Discuss the following regarding loose parts:

    - what inspections are performed to detect loose parts
    - a description of any loose parts detected and their location within the SG
    - if the loose parts were removed from the SG
    - indications of tube damage associated with the loose parts
    - the source or nature of the loose parts if known