UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 1, 2012

Mr. Thomas Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC-N09
P.O. Box 236
Hancocks Bridge, NJ 08038

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NO. 2 - UPCOMING STEAM GENERATOR TUBE INSERVICE INSPECTION (TAC NO. ME9602)

Dear Mr. Joyce:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring SG tube integrity. Based on my discussion with Mr. Paul Duke on September 20, 2012, a conference call will be arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming fall 2012 refueling outage for Salem Nuclear Generating Station, Unit No. 2. This call will occur after the 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 call.

The Nuclear Regulatory Commission (NRC) staff will document a summary of the conference call, including any material that you provide to the NRC staff in support of the call.

Should you have any questions, please contact me at (301) 415-3204.

Sincerely,

John D. Hughey

John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-311

Enclosure:
Steam Generator Tube Inspection Discussion Points

cc w/encl: Distribution via Listserv

STEAM GENERATOR TUBE INSPECTION DISCUSSION POINTS

The Nuclear Regulatory Commission staff plans to document a summary of the conference call as well as any material that is provided in support of the call.

1. Discuss any trends in the amount of primary-to-secondary leakage observed during the recently completed cycle.

2. Discuss whether any secondary side pressure tests were performed during the outage and the associated results.

3. Discuss any exceptions taken to the industry guidelines.

4. For each steam generator (SG), provide a description of the inspections performed including the areas examined and the probes used (e.g., dents/dings, sleeves, expansion-transition, U-bends with a rotating probe), the scope of the inspection (e.g., 100% of dents/dings greater than 5 volts and a 20% sample between 2 and 5 volts), and the expansion criteria.

5. For each area examined (e.g., tube supports, dent/dings, sleeves, etc), provide a summary of the number of indications identified to date for each degradation mode (e.g., number of circumferential primary water stress-corrosion cracking indications at the expansion transition). For the most significant indications in each area, provide an estimate of the severity of the indication (e.g., provide the voltage, depth, and length of the indication). In particular, address whether tube integrity (structural and accident induced leakage integrity) was maintained during the previous operating cycle. In addition, discuss whether any location exhibited a degradation mode that had not previously been observed at this location at this unit (e.g., observed circumferential primary water stress-corrosion cracking at the expansion transition for the first time at this unit).

6. Describe repair/plugging plans.

7. Describe in-situ pressure test and tube pull plans and results (as applicable and if available).

8. 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 (including the source or nature of the loose part, if known)
   - if the loose parts were removed from the SG
   - indications of tube damage associated with the loose parts

Enclosure

9. Discuss the scope and results of any secondary side inspection and maintenance activities (e.g., in-bundle visual inspections, feedring inspections, sludge lancing, assessing deposit loading, etc).

10. Discuss any unexpected or unusual results.

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

October 1, 2012

Mr. Thomas Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC-N09
P.O. Box 236
Hancocks Bridge, NJ 08038

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NO. 2 - UPCOMING STEAM GENERATOR TUBE INSERVICE INSPECTION (TAC NO. ME9602)

Dear Mr. Joyce:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring SG tube integrity. Based on my discussion with Mr. Paul Duke on September 20, 2012, a conference call will be arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming fall 2012 refueling outage for Salem Nuclear Generating Station, Unit No. 2. This call will occur after the 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 call.

The Nuclear Regulatory Commission (NRC) staff will document a summary of the conference call, including any material that you provide to the NRC staff in support of the call.

Should you have any questions, please contact me at (301) 415-3204.

Sincerely,
/RA/
John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-311

Enclosure:
Steam Generator Tube Inspection Discussion Points

cc w/encl: Distribution via Listserv

DISTRIBUTION:

Public	RidsOgcRp Resource	KKarwoski, NRR
LPL1-2 R/F	RidsRgn1MailCenter Resource	TO'Hara, RI
RidsNrrDorlLpl1-2 Resource	RidsAcrsAcnw_MailCTR Resource	AJohnson, NRR
RidsNrrLAABaxter Resource	RidsNrrDeEsgb Resource	RidsNrrPMSalem Resource

Accession No.: ML12265A144

OFFICE	LPL1-2/PM	LPL1-2/LAit	LPL1-2/LA	ESGB/BC	NRR/LPL1-2/BC
NAME	JHughey	SLent	ABaxter	GKulesa	MKhanna
DATE	9/25/2012	9/25/2012	9/25/2012	9/27/2012	10/01/2012

OFFICIAL RECORD COPY