

September 16, 2003

Mr. Mark E. Warner, Site Vice President
c/o James M. Peschel
Seabrook Station
FPL Energy Seabrook, LLC
PO Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION, UNIT NO. 1 - UPCOMING STEAM GENERATOR TUBE
INSERVICE INSPECTION (TAC NO. MC0721)

Dear Mr. Warner:

Inservice inspections (ISIs) of steam generator (SG) tubes play a vital role in ensuring that adequate structural integrity of the tubes is maintained. As required by the plant's technical specifications, reporting requirements range from submitting a special report within 15 days following completion of each ISI of SG tubes, that identifies the number of tubes plugged and/or repaired, to submitting a special report within 12 months following completion of the inspection, that provides complete results of the SG tube ISI.

A phone conference will be arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming Seabrook Station, Unit No. 1 refueling outage. We would like to have this phone conference after the majority of the tubes have been inspected, but before the SG inspection activities have been completed. The preferable time would be when the SG inspection is approximately 70% complete. Enclosed is a list of discussion points to facilitate this phone conference. 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.

Sincerely,

/RA/

Victor Nerses, Senior Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docker No. 50-443

Enclosure: As stated

cc w/encl: See next page

Seabrook Station, Unit No. 1

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A phone conference will be arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming Seabrook Station, Unit No. 1 refueling outage. We would like to have this phone conference after the majority of the tubes have been inspected, but before the SG inspection activities have been completed. The preferable time would be when the SG inspection is approximately 70% complete. Enclosed is a list of discussion points to facilitate this phone conference. 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.

Sincerely,

/RA/

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J. Clifford V. Nerses LLund PDI-2 Reading

ADAMS Accession Number: ML032480429

*See previous concurrence

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NAME	VNerses	CRaynor	LLund	JClifford
DATE	9/16/03	9/16/03	9/12/03	9/16/03

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STEAM GENERATOR TUBE INSPECTION DISCUSSION POINTS

PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION

FPL ENERGY SEABROOK, LLC

SEABROOK STATION, UNIT NO. 1

DOCKET NO. 50-443

The following discussion points have been prepared to facilitate the phone conference to be arranged with the North Atlantic Energy Service Corporation, the licensee, to discuss the results of the steam generator (SG) tube inspections to be conducted during the upcoming Seabrook Station, Unit No. 1 refueling outage. This phone conference 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 the 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).
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; including 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