

April 24, 2002

Mr. J. A. Scalice
Chief Nuclear Officer and
Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: SEQUOYAH NUCLEAR PLANT, UNIT 2 - UPCOMING STEAM GENERATOR
TUBE INSERVICE INSPECTION

Dear Mr. Scalice:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring that adequate structural integrity of the tubes is maintained. As required by the plant Technical Specifications, reporting requirements range from submitting a special 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 special report, within 12 months following completion of the inspection that provides complete results of the SG tube inservice inspection. The special report containing the complete results should include 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 has been arranged with members of your staff, tentatively scheduled for April 25, 2002, to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming Sequoyah Unit 1 refueling outage. This phone call will occur after the majority of the tubes have been inspected, but before the SG inspection activities have been completed. Attached 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/

Ronald W. Hernan, Senior Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-327

Enclosure: List of Discussion Points

cc w/encl: See next page

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DATE	4/23/02	4/23/02	4/24/02

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STEAM GENERATOR (SG) TUBE INSPECTION DISCUSSION POINTS

PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SEQUOYAH NUCLEAR PLANT, UNIT 2

DOCKET NO. 50-328

The following discussion points have been prepared to facilitate the phone conference arranged with the Tennessee Valley Authority to discuss the results of the SG tube inspections to be conducted during the upcoming Sequoyah Nuclear Plant, Unit 2, refueling outage. This phone call is 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.

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

1. Discuss whether any primary-to-secondary leakage existed in this unit prior to shutdown.
2. Discuss the results of secondary side hydrostatic tests.
3. For each steam generator, provide a general description of areas examined, including the expansion criteria utilized and type of probe used in each area.
4. For analyzed eddy current results, describe bobbin indications (those not examined with rotating pancake coil (RPC)) and RPC/Plus Point/Cecco indications. Include the following information in the discussion: location, number, degradation mode, disposition, and voltages/depths/lengths of significant indications.
5. Describe repair/plugging plans for the SG tubes that meet the repair/plugging criteria.
6. Discuss the previous history of SG tube inspection results, including any "look backs" performed.
7. Discuss, in general, the new inspection findings.
8. Discuss your use or reliance on the X-probe, if applicable.
9. Describe *in situ* pressure test plans and results, if applicable and available, including tube selection criteria.
10. Describe tube pull plans and preliminary results, if applicable and available; include tube selection criteria.

Enclosure

11. Discuss the assessment of tube integrity for the previous operating cycle.
12. Discuss the assessment of tube integrity for next operating cycle.
13. Provide the schedule for steam generator-related activities during the remainder of the current outage.
14. Discuss what steps have been taken, or will be taken, in response to the lessons learned from the Indian Point Unit 2 tube failure. In addition, please be prepared to discuss the following:
 - a) Discuss the actions that are taken in response to identifying a new degradation mechanism, and
 - b) Discuss the actions taken to ensure that data noise levels are acceptable, and
 - c) Address data quality issues and the need for criteria to address data quality.

Mr. J. A. Scalice
Tennessee Valley Authority

SEQUOYAH NUCLEAR PLANT

cc:

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