

April 9, 2004

Mr. M. R. Blevins
Senior Vice President
& Principal Nuclear Officer
TXU Energy
ATTN: Regulatory Affairs
P. O. Box 1002
Glen Rose, TX 76043

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES), UNIT 1 - STEAM
GENERATOR (SG) TUBE INSERVICE INSPECTION FOR 10th REFUELING
OUTAGE (1RF10) (TAC NO. MC2564)

Dear Mr. Blevins:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring that adequate structural integrity of the tubes is maintained. The plant Technical Specifications 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 of SG tube inservice inspection shall 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 telephone conference has been arranged with Messrs F. Madden and D. Buschbaum of your staff to discuss the results of the SG tube inspections to be conducted during the ongoing CPSES Unit 1 refueling outage 1RF10. This telephone conference 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 telephone conference.

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

Sincerely,

/RA/

Mohan C. Thadani, Senior Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-445

Enclosure: List of Discussion Points

cc w/encl: See next page

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SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES), UNIT 1 - STEAM GENERATOR (SG) TUBE INSERVICE INSPECTION FOR 10th REFUELING OUTAGE (1RF10) (TAC NO. MC2564)

Dear Mr. Blevins:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring that adequate structural integrity of the tubes is maintained. The plant Technical Specifications 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 of SG tube inservice inspection shall include the following:

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Sincerely,
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Moham C. Thadani, Senior Project Manager, Section 1
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Division of Licensing Project Management
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DATE	4/9/04	4/9/04	4/9/04

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STEAM GENERATOR (SG) TUBE INSPECTION DISCUSSION POINTS

PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION

TXU GENERATION COMPANY LP

COMANCHE PEAK STEAM ELECTRIC STATION (CPSES), UNIT 1

DOCKET NO. 50-445

The following discussion points have been prepared to facilitate the telephone conference arranged with the licensee to discuss the results of the SG tube inspections to be conducted during the ongoing CPSES, Unit 1 refueling outage (1RF10). This telephone conference is scheduled to occur toward the end of the planned SG tube inspection interval, but before the unit exits its refueling outage.

The NRC staff plans to document a brief summary of the telephone conference as well as any material that the licensee 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, the licensee should be prepared to discuss its inspection of the tubes 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 the use of or reliance on inspection probes (eddy current or ultrasonic) other than bobbin and typical rotating probes, if applicable.

ENCLOSURE

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,
 - describe if any loose parts were detected, their location within the SG,
 - if the loose parts were removed from the SG,
 - indications of tube damage associated with the loose parts, and
 - the source or nature of the loose parts if known
15. Discuss any changes to data analysis guidelines that will be implemented during the outage.
16. Describe any actions (e.g. training) that have been implemented to ensure the quality of the data analysis and resolution will be as high as that ultimately reached during the last outage (1RF9).
17. Describe any plans for inserting “Judas” (“cobra”) tubes into the data stream.

Comanche Peak Steam Electric Station

cc:

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