

October 27, 2005

LICENSEE: TXU Generation Company, LP

FACILITY: Comanche Peak Steam Electric Station, Unit 1

SUBJECT: SUMMARY OF OCTOBER 18, 2005, MEETING WITH TXU GENERATION COMPANY, LP, TO DISCUSS APPLICATION OF ACCIDENT ANALYSIS METHODOLOGIES FOR REPLACEMENT OF STEAM GENERATORS AT THE COMANCHE PEAK STEAM ELECTRIC STATION (CPSES), UNIT 1 (TAC NO. MC6899)

On October 18, 2005, the U. S. Nuclear Regulatory Commission (NRC) staff conducted a Category 1 meeting with representatives of TXU Generation Company, LP (the licensee for CPSES) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to hear the licensee's briefing on its application of accident analysis methodologies for replacement steam generators (RSGs) at CPSES, Unit 1. The licensee plans to replace the current Westinghouse D-4 steam generators (SGs) with integral pre-heaters during its spring 2007 refueling outage (1RF12). A list of meeting attendees is provided as Enclosure 1.

The licensee outlined its overview of the RSG project, operating strategy, and implementation schedules of its plan to replace the current Westinghouse D-4 SGs with the proposed Delta 76 SGs that incorporate a feed ring design. The licensee's presentation is provided as Enclosure 2. The proposed RSGs are similar to the Delta 75 SGs that were installed at the Shearon Harris and V.C. Summer plants. Each proposed RSG incorporates Alloy 690 U-tubes and will be fabricated by Equipos Nucleares, S.A. of Spain.

The licensee described its analysis capabilities outlined in the topical report (TR) supplements (1) ERX-04-005, Revision 0, "Application of TXU Power's Non-LOCA Transient Analysis Methodologies to a Feed Ring Steam Generator Design," and (2) TR ERX-04-004, Revision 0, "Replacement Steam Generator Supplement to TXU Power's Large and Small Break Loss of Coolant Accident Analysis Methodologies." The licensee previously submitted these TR supplements to the NRC staff for review and approval.

The licensee stated that it plans to submit required changes to the Technical Specifications in November 2005 and submit other license amendments identified through the 10 CFR 50.59 evaluations in May 2006. The licensee requested that NRC approvals for the RSG related licensing actions be completed by February 2007, in time to support the spring 2007 refueling outage.

The NRC staff questioned the licensee about the issues discussed below.

During the discussion of the licensee's methodologies for addressing main feedwater break events, the NRC staff asked the licensee whether it had considered a need for restraining the feed-water pipe that spans to the RSG's feeder ring located near the top of the RSGs. The licensee stated that it will provide additional information addressing the NRC staff's question. In response to other NRC staff's questions, the licensee provided further clarifications of the TRs that are currently under NRC staff review.

One member of the public was in attendance. Public Meeting Feedback forms were received from the licensee and the member of public in attendance.

The licensee indicated that all the objectives of the meeting were met. The member of the public indicated that he was not able to find the supporting information on the NRC web site where the meeting notice was posted, but did not call the contacts provided on the web site. He indicated that all other objectives of the meeting were met

Please direct any inquiries for further information to me at 301-415-1476, or by email to [mct@nrc.gov](mailto:mct@nrc.gov).

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

Enclosures: 1. List of Attendees  
2. Licensee's Presentation

cc w/encls: See next page

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Mohan C. Thadani, Senior Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
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**Meeting Notice: ML052780215**

**Slides: ML053080197**

**Meeting Summary: ML052980638 NRC-001**

**Package ML053080184**

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## LIST OF ATTENDEES

<u>NAME</u>	<u>ORGANIZATION</u>
Whee Choe	TXU Power
Ben Mays	TXU Power
Dennis Buschbaum	TXU Power
Hugo C. Da Silva	TXU Power
James Boatwright	TXU Power
Kazunobu Sakamoto	JNES
David Terao	NRC
Mohan Thadani	NRC
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Comanche Peak Steam Electric Station

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