

**From:** Mohan Thadani  
**To:** fred.madden@txu.com ; Timothy.Hope@txu.com  
**Date:** 1/24/2007 1:39:52 PM  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION: RR B-6 (TAC MD3315)

Fred/Tim:

The NRC staff has reviewed your request for Relief No. B-6, and has identified the following RAI. Your response to the RAI below is needed in order to facilitate the NRC response to your request. If TXU Generation Company LP would like a formal request for this RAI, such a request will be promptly provided.

Thank you for your cooperation.

Mohan

REGULATION

OFFICE OF NUCLEAR REACTOR

REQUEST FOR ADDITIONAL INFORMATION  
RELIEF REQUEST NO. B-6  
COMANCHE PEAK STEAM ELECTRIC

STATION

TXU GENERATION COMPANY LP  
DOCKET NO. 50-445

1. On page 18 of your transmittal, you indicate that weld shrinkage caused by application of the overlays will be measured and evaluated for any system impacts, as required by Code Case N-504-2, paragraph (g)(3). It is the staff's expectation that the requirements of Code Case N-504-2 (g)(2) and (g)(3) be completed prior to startup. Please discuss your time line for completing these requirements with respect to plant startup.
2. On page 18 of your submittal, you state in part that your basis for increasing the overlay surface area to 300 in<sup>2</sup> is because the staff approved a 300 in<sup>2</sup> at Susquehanna Steam Electric Station. Since each granting of relief is plant specific, please provide additional detail why your configuration(s) are similar in design and material to the SSES relief request as the basis why your modification to Code Case N-638-1 provides an acceptable level of quality and safety.
3. On page 19 of your submittal, you state that Reg. Guide 1.147 Rev. 14 condition on use of N-638-1 is not applicable and will not be applied. Identify the UT acceptance criteria that will be used for the complete full structural weld overlay and heat-affected zone beneath the weld overlay. Since the acceptance criteria to be used is not consistent with the respective positions stated in Regulatory Guide 1.147 for the applicable code cases, provide the technical bases for its use.
4. Provide a commitment to provide within 14 days from completion of UT examination of the weld overlays, a report that summarizes the results of the examinations, consistent with the September 14, 2006 letter from Exelon to NRC regarding Byron Station, Unit 1 Relief Request I3R-03.
5. On page 20 of your submittal, you propose the use of contact pyrometers versus attached thermocouples. Please provide a more detailed discussion of your basis on the modification to use contact pyrometers and why your modification provides an acceptable level of quality and safety.
6. Please discuss your repair strategy if the post overlay preservice inspection results identify indications that exceed the acceptance criteria under Table IWB-3514-2.

**CC:** Steingass, Timothy

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**Subject:** REQUEST FOR ADDITIONAL INFORMATION: RR A-7  
**Creation Date** 1/24/2007 1:39:52 PM  
**From:** Mohan Thadani

**Created By:** MCT@nrc.gov

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