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**Subject:** RR B-7,B-8,B-9 and C-6  
**Creation Date:** 1/13/03 1:13PM  
**From:** David Jaffe

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

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**Return Notification:** None

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**From:** Edward Andruszkiewicz  
**To:** David Jaffe  
**Date:** 1/13/03 12:59PM  
**Subject:** RAI for Relief Request nos. B-7, B-8, B-9 and C-6, - Comanche Peak-2 MB5576

Attached, please find the request for additional information for the subject relief requests. Bill Koo provided the input for the RAI for Relief Request no. C-6.

**CC:** William Koo

## Comanche Peak Request for Additional Information

### Relief Request No. B-7

1. TXU has provided a sketch on page 4 of 4 which shows the amount of coverage for examination of weld TCX-1-1300-1 but has not provided this data for weld TCX-1-1300-2. The relief request shall provide this data for weld TCX-1-1300-2. What is the amount of coverage for examination of weld TCX-1-1300-2? The sketch shall show the specific limitations or obstructions to performing the required examination.
2. This relief request has not made a specific request for relief, such as, "Pursuant to the requirements of 10 CFR 50.55a(x)(x)(xxx), relief is requested from performing the volumetric . . . " The relief request shall provide a specific request for relief. Each relief shall "stand alone" with this information.
3. Are any changes expected in the overall level of plant safety by performing the proposed examination in lieu of the examination required by ASME Section XI?
4. What is the anticipated impact upon plant quality and safety, and the health and safety of the public by this granting of relief?
5. How does the proposed partial examination provide a reasonable assurance of the continued structural integrity of the components?

### Relief Request No. B-8

1. TXU has provided sketches showing weld locations and examination area configurations but has not provided the anticipated examination coverage for each angle and scan direction. This information shall be provided in the relief request.
2. Is any supplemental examination, such as, visual to be performed on some of the areas that are not accessible to the ultrasonic examination?
3. This relief request has not made a specific request for relief, such as, "Pursuant to the requirements of 10 CFR 50.55a(x)(x)(xxx), relief is requested from performing the volumetric . . . " The relief request shall provide a specific request for relief. Each relief shall "stand alone" with this information.
4. Are any changes expected in the overall level of plant safety by performing the proposed examination in lieu of the examination required by ASME Section XI?
5. What is the anticipated impact upon plant quality and safety, and the health and safety of the public by this granting of relief?
6. How does the proposed partial examination, alternative, or additional examination provide a reasonable assurance of the continued structural integrity of the components?

### Relief Request No. B-9

1. TXU has not provided sketches showing weld locations. This information shall be

provided in the relief request.

2. Is any supplemental examination, such as, visual to be performed on some of the areas that are not accessible to the ultrasonic examination?
3. This relief request has not made a specific request for relief, such as, "Pursuant to the requirements of 10 CFR 50.55a(x)(x)(xxx), relief is requested from performing the volumetric . . . " The relief request shall provide a specific request for relief. Each relief shall "stand alone" with this information.
4. Are any changes expected in the overall level of plant safety by performing the proposed examination in lieu of the examination required by ASME Section XI?
5. What is the anticipated impact upon plant quality and safety, and the health and safety of the public by this granting of relief?
6. How does the proposed partial examination, alternative, or additional examination provide a reasonable assurance of the continued structural integrity of the components?
7. It appears that the sketch shown on page 3 of 4 is an attempt to combine two different views of the same nozzle. Clarify this drawing, perhaps by providing two different sketches of these views.

#### Relief Request (RR) C-6

(1) Provide sketches (3-dimensional sketches if possible) to show the interference (23% of required examination) from the housing seal and pump base plate on the required surface examination of the subject welds. It is difficult to visualize the referenced interference from the sketches provided in the licensee's submittal.

(2) Will visual examination be performed at the weld area where surface examination can not be performed?

(3) Provide bases or justification to support the licensee's statement that the examination performed (77% of the required examination coverage) would provide adequate confidence that there are no matters of concern regarding the structural integrity of the subject welds. The licensee's statement could be supported by a fracture mechanics analysis assuming a through-wall flaw in the un-inspected area.

(4) Discuss the safety consequences in the event that the structural integrity of the subject welds can not be maintained during the plant operation.

(5) Provide the service experiences and previous inspection results of the subject welds at the referenced CVCS pump

General Note (applicable to all relief requests):

Each relief request is a "stand alone" document and as such shall contain all of the information requested above, as applicable.