

**From:** Peter Tam  
**To:** Arias, Jesus; Loeffler, Rick; Lynne Gunderson; tmblake@nmcco.com  
**Date:** 12/13/2007 1:13:54 PM  
**Subject:** Monticello - Revised Questions for Relief Request No.15 (**TAC MD6854**)

Lynne:

On the basis of the phone call with you and colleagues today, we revised the draft questions that I previously sent to you (email of 12/3/07, ADAMS Accession No. ML073381315):

(1) **[No change]** Discuss the applicable edition or addenda of the ASME Code, Section XI, Appendix VIII, for the ultrasonic examination of the subject welds during the 2007 refueling outage and for the remaining fourth 10-year inservice inspection (ISI) interval.

(2) **[Deleted]**

(3) On page 4 of Request No. 15, the licensee discussed the UT inspection of the subject welds during the 2007 outage without providing the previous history of the ultrasonic examinations. Discuss the history of volumetric examinations of the subject welds, including specific year and during which ISI interval, inspection results, and examination coverage. Discuss whether relief was requested for the examination coverage of the subject welds in the previous 10-year ISI intervals.

(4) On page 5 of Request No. 15, the licensee stated that the materials for subject components are A508 Class II nozzle forgings welded to A533, Class I vessel shell plate. However, the material specifications of the welds and associated piping were not provided. Discuss material specifications for the following components: welds, pipes, safe ends, and butter (if applicable).

(5) **[Deleted]**

(6) In Enclosure 2, Table A, of the September 26, 2007, submittal, the licensee calculated various percentages of examination coverage obtained for each of the five welds. The staff calculated the percentages of examination coverage of the subject welds using the diagrams in Enclosure 3 of the submittal. However, the staff was not able to verify the percentages of coverage as shown in Table A.

(a) Provide the worksheet for one of the subject welds showing how the percentage of coverage is determined.

(b) It is not clear from the diagrams in Enclosure 3 of the September 26, 2007, submittal whether the unexamined volume is in the reactor vessel nozzles, the welds, butter, or safe ends. Please provide the axial dimensions for the weld, piping, and safe end. Also, identify the interface line among the weld, nozzle, safe end, and pipe.

Please let me know if you want to discuss these revised questions, when you can respond to them, and if you need to have these questions formally issued in an RAI. This e-mail will be entered into the NRC official agency records system, ADAMS, and made publicly available.

Peter S. Tam, Senior Project Manager  
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**CC:** Chan, Terence; Tsao, John

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