

From: Rick Ennis
To: Ronda Daflucas
Date: 7/12/05 1:27PM
Subject: Three new EMEB RAIs

Ronda,

Attached are three new draft RAIs from Pat Sekerak in EMEB. These questions are items that he determined EMEB needed clarification or additional information on to complete the non-steam dryer portions of their review. Please let me know if you want to set up a conference call.

thanks,

Rick

CC: Brian Hobbs; Brooke Poole; Cheng-Ih Wu; Craig Nichols; Darrell Roberts; Gene Imbro; Jim DeVincentis; Kamal Manoly; Len Gucwa; Rebecca Karas; S. Patrick Sekerak; Thomas Scarbrough

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147. On page 3-4 of Attachment 4 to the application dated September 10, 2003, ASME Code Section XI, Subsection IWB-3641 is cited as the code requirements governing the stress analysis of the modification of the Core Spray nozzle and safe end. Please discuss the applicability of IWB-3641, which provides procedures for piping flaw evaluation, in lieu of the original Code of construction for analysis of modifications made to this component.
148. On page 3-20 of Attachment 4 to the application dated September 10, 2003, the section addressing pipe stresses states: "For those systems that do not require a detailed analysis, pipe routing and flexibility was evaluated and determined to be acceptable."
- a) Discuss the method used for evaluating flexibility of piping.
 - b) What acceptance criteria are applicable to the flexibility evaluation?
 - c) Which piping systems were evaluated with this approach?
149. On page 3-35, Table 3-3, of Attachment 4 to the application dated September 10, 2003, the primary plus secondary stress level reported for the feedwater nozzle and safe end under CPPU conditions is extremely close to the allowable ASME Code limit. Please discuss the general analytical approach used to calculate this stress. Also, explain the primary reasons for the 21% increase in stress over the CLTP stress reported, and why the feedwater nozzle CPPU stress and usage factor increases are so much larger than the increases for the other components listed in Table 3-3.