

ASME Piping Example – 3/18/09 Public Meeting w/NRC

- 1) Piping system ITAAC has been completed, but the system has not been stamped by the Authorized Nuclear Inspector (ANI) certifying that it is accepted as a code system. The piping system has been damaged by a piece of equipment falling on it causing a gouge in the piping.
 - a. The piping under ASME Section III is required to be replaced.
 - b. NDE testing as required by Section III.
 - c. The replaced piping must have a new hydrostatic test performed.
 - d. The ITAAC requirements must be re-verified.
 - e. New data sheets must be prepared for the code closure package.
 - f. Since the ITAAC Closure Letter had not been submitted, no re-notification is required.
- 2) Piping system ITAAC has been completed and code package stamped by ANI, however ITAAC Closure Letter has not been submitted to NRC. The piping is damaged as stated in Example 1.
 - a. The piping is now under the requirements of ASME Section XI not Section III.
 - b. The piping may be either replaced or repaired as allowed under Section XI owner's code.
 - c. The ITAAC must be re-verified to the extent possible.
 - i. If a hydro was required by Section III, Section XI requirements apply, including a reduced pressure hydro.
 - ii. NDE testing as required by Section XI.
 - d. The repair or replacement will be conducted under the owner's Section XI program
 - e. The Authorized Nuclear Inservice Inspector (ANII) is required to sign approval of the repair or replacement not the ANI.
 - f. Since the ITAAC Closure Letter has not been submitted, the closure package must be updated prior to submittal of the Closure Letter, however, no re-notification is required.
- 3) Piping system ITAAC has been completed, code package stamped by ANI and Closure Letter submitted to the NRC. The piping is damaged as stated in Example 1.
 - a. The piping is now under the requirements of ASME Section XI not Section III.
 - b. The piping may be either replaced or repaired as allowed under Section XI owner's code.
 - c. The ITAAC must be re-verified to the extent possible.
 - i. If a hydro was required by Section III it must follow Section XI requirements for a reduced pressure hydro.
 - ii. NDE testing as required by Section XI.
 - d. The repair or replacement will be conducted under the owner's Section XI program.
 - e. The ANII is required to sign approval of the repair or replacement not the ANI.

- f. If the piping is repaired, the ITAAC closure package should be updated and no re-notification is required. If the piping is replaced, the ITAAC Closure Letter should be updated.