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Date: 11/29/05 2:36PM
Subject: Changes to the NUHOMS 32PTH SAR and Technical Specifications

Joe:

Consistent with the clarification provided by the staff regarding ISG-18 guidelines in the phone call of 11/18/05, TN commits to revise the HD SAR as follows:

1. Helium leak test the 32PTH DSC primary confinement boundary welds (Shield plug/inner top cover plate to the DSC shell welds and siphon/vent cover plate welds) to 1×10^{-7} "leak-tight" criterion in accordance with ANSI N14.5. Revise Chapters 1, 3 (including ASME Code Alternatives Table in Section 3.10), 7, and 9 of the SAR accordingly.
2. Pneumatically pressure test the 32PTH DSC shield plug/inner top cover plate to the DSC shell weld in accordance with ASME NB 6300 requirements. The test pressure currently specified in SAR Section 9.1.2 bounds the ASME requirement of 16.5 psig ($1.10 \times$ DSC Design Pressure of 15 psig). Revise SAR Section 9.1.2 to distinguish the 32PTH DSC assembly pressure test conducted at the fabricator's facilities from the field conducted pressure test of the DSC shield plug/inner top cover plate weld.
3. Revise the definition of the "Confinement Boundary" in SAR Chapters 1, 2, 3, 7, 9 and 10 to include the siphon and vent cover welds and eliminate inconsistencies as applicable. The definition of the confinement boundary will be revised to clarify that the outer top cover plate is a structural attachment to the pressure boundary.

TN concurs that Items 1 and 2 above will also require a revision to the NUHOMS HD Technical Specifications.

Thanks.

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