


NRC FORM 699 (9-2003)		U.S. NUCLEAR REGULATORY COMMISSION		DATE 11/14/2012
<b>CONVERSATION RECORD</b>				TIME 9:00am
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU <b>see attached list of participants</b>		TELEPHONE NO.		TYPE OF CONVERSATION <input type="checkbox"/> VISIT <input checked="" type="checkbox"/> CONFERENCE <input type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING
ORGANIZATION <b>Transnuclear</b>				
SUBJECT <b>Discussion/Clarification of Confinement RAI 7-1 and 8-3; re: CoC-1029</b>				
SUMMARY (Continue on Page 2)  - see attached -				
Continue on Page 2				
ACTION REQUIRED n/a				
NAME OF PERSON DOCUMENTING CONVERSATION <b>Steve Ruffin</b>		SIGNATURE 		DATE 11/14/2012
ACTION TAKEN				
TITLE OF PERSON TAKING ACTION		SIGNATURE OF PERSON TAKING ACTION		DATE

11/14/2012

## CONVERSATION RECORD

### Teleconference Participants:

#### NRC

Jimmy Chang, Confinement Technical Reviewer  
Steve Ruffin, Project Manager

#### Transnuclear

Ian McInnes  
Kamran Tavassoli  
Glenn Mathues  
Don Shaw

**Subject: Discussion/Clarification of Confinement RAI 7-1 and 8-3**

**Reference: CoC-1029, Amendment No. 3, RAI dated November 1, 2012 (via email)**

On Wednesday, November 14, 2012, Nuclear Regulatory Commission (NRC) staff held a conference call with Transnuclear, Inc. (TN). The purpose of the call was to provide the applicant an opportunity to understand the Request for Additional Information (RAI) related to the confinement review and to maximize the chances that the RAI responses will allow for completion of the safety evaluation report and minimize the need for additional RAIs. During the teleconference TN requested clarification and NRC staff responded to questions on the following:

- 7-1 Clarify the helium leak testing on the vent/siphon block-to-shell weld, describe the helium leak testing method/procedure on this confinement weld in the SAR, and revise the Technical Specification (TS) to assure the helium leak testing on this confinement weld.

The applicant stated in SAR B.7.1.3 that the confinement vent and siphon block-to-shell weld located at the top of the 32PTH DSC is PT-tested in accordance with alternatives to the ASME Code, and did not mention the helium leak testing on this weld in SAR B.9.1.3. Instead of being an alternative, justification, and compensatory measures, the helium leak test is required to demonstrate confinement integrity for the confinement welds per ANSI N14.5 and ISG-25. The applicant should clarify that this confinement weld is helium leak-tested, describe the helium leak testing procedure, applied to this confinement weld, in the SAR, and revise the TS to assure the helium leak testing on this confinement weld.

This information is required by the staff to access compliance with 10 CFR 72.236(j) and (l).

- 8-3 Provide information of (a) the water amount/percentage allowed (b) the procedure to measure the water amount and (c) the time periods of both helium blowdown and water pumping operations used in the 32PTH2 DSC.

The applicant stated in Step 16(a) and (b) of SAR B.8.1.1.3 32PTH2 DSC Drying and Backfilling

“using helium blowdown or water pump to remove the cavity water.” The applicant should provide more information on (a) the water amount/percentage allowed in the DSC, (b) the procedure to measure the water amount in the DSC, and (c) the time periods of helium blowdown operation and the water pumping operation to meet the water limitation in the 32PTH2 DSC.

This information is required by the staff to access compliance with 10 CFR 72.150 and 72.234(f).

TN will provide a written response to the confinement RAI questions.