

11/28/12

**CONVERSATION RECORD**

TIME

2 : 30  AM  PM

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

See below

TELEPHONE NO.

TYPE OF CONVERSATION

IN-PERSON

E-MAIL

TELEPHONE

INCOMING

OUTGOING

E-MAIL ADDRESS

lucieann.vechioli@nrc.gov

ORGANIZATION

Representatives of Transnuclear, Inc

SUBJECT

Discuss RSI for NUHOMS HD Am 2 CoC 1030

**SUMMARY**

NRC attendees: Lucieann Vechioli, Jeremy Smith, Dan Forsyth, Gordon Curran, Joan Ireland  
Transnuclear (TN) representatives: Prakash Narayanan, Hoi Yee Tom, Raheel Haroon, Philippe Pham, Glenn Mathues, Don Shaw.

The purpose of the call was: (1) to discuss the supplemental information that was identified as necessary in order to perform NRC review and (2) to establish a date in which TN will respond to the Request for Supplemental Information (RSI).

The draft RSI were e-mailed to the meeting participants before the call to facilitate the discussion.

**Background**

On September 28, 2012 Transnuclear submitted an amendment request to the Model NUHOMS® HD Certificate of Compliance No. 1030. The application proposes to increase in soluble boron concentration, clarification of certain Technical Specifications (TS), to increase fuel assembly weight by 25 pounds, revise control components definition, incorporate of BLEU fuel material, an increase in shielding effectiveness of the HSM-H by adding dose reduction hardware, revision of licensing basis documents, and a re-analysis for enhanced installation of certain system components.

Staff performed an acceptance review of the application to determine if the application contains sufficient technical information in

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**ACTION REQUIRED**

Licensee will respond to the RSI within 15 days of RSI letter receipt.

NAME OF PERSON DOCUMENTING CONVERSATION

Lucieann Vechioli

SIGNATURE



DATE

12/03/12

**ACTION TAKEN**

TITLE OF PERSON TAKING ACTION

SIGNATURE OF PERSON TAKING ACTION

DATE

## CONVERSATION RECORD (Continued)

### SUMMARY:

scope and depth to allow the staff to complete the detailed technical review. Additional information necessary to performed the review was identified in the thermal and containment disciplines. Therefore on November 29, 2012 NRC staff held a conference call with applicant to discuss the request of supplemental information.

RSI #1 - Staff asked applicant to provide additional justification that the 32PTH1 DSC documented in reference 10 is bounding for the 32PTH DSC for all conditions of loading, storage and transfer. The amendment indicates that the 32PTH1 optimum pitch configuration bounds the 32PTH double shear configuration at 2800 ppm boron concentration for the various basket types; however, there does not appear to be adequate explanation as to why this is the case. The information is necessary to justify why that assumption is applicable to both intact and damaged configurations.

TN representatives agreed on provide further details in order to justify the statement.

RSI#2 - Staff requested that applicant provide an illustration of the confinement boundary and redundant sealing system in Figure 7-1 of the FSAR. A figure showing the confinement boundary and redundant sealing system is needed to accept the provision of redundant sealing of confinement systems.

TN representatives agreed on provide the illustration.

NRC staff and TN representatives discussed the time-frame to provide the requested information. TN representative noted that they will provide the information by December 21, 2012 which is within the 15 days after receipt of the RSI letter. NRC staff indicated that if information received meets the requested criteria an acceptance letter will be sent by mid January 2013.