

NOTE TO: FILE

DOCKET NO: 71-9313

SUBJECT: 4/12/10, 8:00AM, CONFERENCE CALL WITH TRANSNUCLEAR TO DISCUSS THEIR RESPONSES TO THE STAFF'S SECOND ROUND REQUEST FOR ADDITIONAL INFORMATION CONCERNING THE MODEL NO. TN-40 TRANSPORTATION PACKAGE.

Participants:	<u>NRC/NMSS/SFST</u>	<u>Transnuclear, Inc.</u>
	Meraj Rahimi	Don Shaw
	Jimmy Chang	Jayant Bondre
	Zihan Li	Bill Bracy
		Peter Shih
		Steve Streutker
		Steve Streutker
		Prakash Narayanan
		Jeff Gagne
		David Lee
		Lee Samson (Prarie Island)
		Oley Nelson (Prarie Island)

DISCUSSION:

The purpose of the call was to discuss some clarifying questions the staff had on the Transnuclear's (TN's) responses to the second round Request for Additional Information (RAI) in the area of containment and criticality.

In the area of containment, the staff informed TN that following the last conference call, the TN's proposal to bag test the TN-40 transportation packages prior to shipment is acceptable to the staff. This test would be in lieu of TN not having performed the helium leak test on the TN-40 containment boundary which is recommended by ANSI 14.5. TN will provide the details of the test in the safety analysis report for staff review.

In the area of criticality, the staff discussed the attached proprietary clarifying questions. On Question 1, TN agreed to perform sensitivity analyses and use the appropriate specific power or an associated bias. After some discussions with TN on Questions 2, 3, and 4, the staff decided to further deliberate internally and have further discussions with TN in the next conference call. On Question 4, TN will re-examine the elimination of the four isotopes and inclusion of other isotopes. Given the large difference between measured and calculated values for some isotopes, the credit for a specific isotope with a large difference between the calculated and measured values in the design basis analysis might be questionable. For the remaining questions, TN agreed that they can provide the information and the clarifications that the staff needs.

~~Proprietary Information~~

Attachment

**Clarifying Questions on TN's Responses to Second Round RAIs on TN-40
Transportation Application,
Revision 3 of the Safety Analysis Report**

Withheld Under 10 CFR 2.390

~~Proprietary Information~~