

August 7, 2012

MEMORANDUM TO: Doug Weaver, Deputy Director  
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Kimberly J. Hardin, Senior Project Manager **/RA/**  
Licensing Branch  
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF JULY 19, 2012, MEETING WITH TRANSNUCLEAR, INC., TO DISCUSS THE RESPONSES TO STAFF'S REQUEST FOR SUPPLEMENTAL INFORMATION DATED JULY 13, 2012, TO SUPPORT THE REVISION REQUEST FOR THE MODEL NO. NUHOMS®-MP197 TRANSPORTATION PACKAGE (TAC NO. L24627)

#### Background

A meeting was held on July 19, 2012, in Rockville, Maryland, to discuss the proposed responses to staff's Request for Supplemental Information (RSI) dated July 13, 2012, to support Transnuclear, Inc.'s (TN's) revision request for the Model No. NUHOMS®-MP197 transportation package Certificate of Compliance (CoC) No. 9302.

The meeting was originally noticed for July 9, 2012, on June 22, 2012 (ML12177A216). The meeting was postponed to July 19, 2012, via a Meeting Notice on July 5, 2012. The meeting attendance list is provided as Enclosure No. 1.

#### Discussion

The discussion generally followed the agenda (Enclosure No. 2). The primary reason for the meeting was to discuss a revision request for CoC No. 9302 for the Model No. NUHOMS®-MP197 transportation package. TN submitted this application by letter dated March 2, 2012. NRC staff issued a RSI on July 13, 2012. TN requested this meeting to discuss the proposed responses to this RSI.

In the revision request, TN proposed to add high burnup fuel (including fuel > 45 MWd/MTU) assemblies as authorized contents and to include the 32PT, 24PTH, 32PTH, 32PTH1, and 37PTH dry storage canisters (DSCs) as authorized contents of the packaging for transportation. TN also stated that the application addresses the unresolved issues noted in staff's November 2, 2011.

The public portion of the meeting focused on proposed responses to RSI 5-1, 5-2, and 5-3 (Enclosure 3) associated with the shielding review.

The proprietary portion of the meeting included discussion of the details of the materials and thermal design and operations associated with the proposed responses to RSI 2-1 and 7-1 (Enclosure 4), RSI 2-2 and 3-1 (Enclosure 5), and RSI 2-3 and 3-2 (Enclosure 6).

Upon removal of Enclosures 4, 5, and 6, this document is DECONTROLLED
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Staff stated that because of the limited available data associated with the materials review, that the defense in depth aspects of the package (operating procedures, moderator exclusion, etc.) would be considered collectively to provide reasonable assurance to staff that the package will continue to meet the requirements of 10 CFR Part 71. All of the RSI questions are expected to be responded to with this approach in mind.

TN expected to respond to the RSI by the end of July. Staff has since been notified that a response can be expected by August 15, 2012. TN expects to respond in the form of answers to the questions with supporting information. SAR page changes will be expected later in the review process.

Docket No. 71-9302  
TAC No. L24627

Enclosures:

1. Meeting Attendees
2. Meeting Agenda
3. Non-Proprietary Presentation Slides
4. Proprietary Presentation Slides (RSI 2-1 and 7-1)
5. Proprietary Presentation Slides (RSI 2-2)
6. Proprietary Presentation Slides (RSI 2-3 and 3-2)

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Distribution:

NRC Attendees L Vechioli M Rahimi DPstrak MSampson

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**ADAMS P8 Package No.: ML12221A091**

OFC	SFST		SFST		SFST	
NAME	KHardin		MDeBose		JGoshen for MWaters	
DATE	8/7/12		8/7/12		8/7/12	

"C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy  
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**July 19, 2012, Public Meeting  
Between Transnuclear, Inc. and  
the Nuclear Regulatory Commission**

**MEETING ATTENDANCE LIST**

Kim Hardin	NRC/SFST
Mark Lombard	NRC/SFST
Doug Weaver	NRC/SFST
David Pstrak	NRC/SFST
Meraj Rahimi	NRC/SFST
Robert Einziger	NRC/SFST
Andrew Barto	NRC/SFST
Jorge Solis	NRC/SFST
Vic Cusumano	NRC/SFST
John Vera	NRC/SFST
David Tang	NRC/SFST
Zhian Li	NRC/SFST
Matthew Gordon	NRC/SFST
Harold Scott	NRC/RES
Bob Tripathi	NRC/SFST (via phone)
Jayant Bondre	Transnuclear, Inc.
Philippe Pham	Transnuclear, Inc.
Raheel Haroon	Transnuclear, Inc.
Kamran Tavassoli	Transnuclear, Inc.
Ken Boone	Transnuclear, Inc.
Venkata Venigalla	Transnuclear, Inc.
Prakash Narayanan	Transnuclear, Inc.
Peter Shih	Transnuclear, Inc.
Mark Vanderniet	Transnuclear, Inc.
Mike Sherman	Ux Consulting

Agenda for the  
NRC/TN NUHOMS®-MP197 Meeting  
July 9, 2012, 9:00 a.m. – 12:00 p.m.

Purpose: Discuss the RSIs for the acceptance review of the TN NUHOMS®-MP197 CoC revision review. The meeting is partially closed. (Docket No. 71-9302)

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|-----|-----------------------------------|------------|
| 1.  | Introduction/Opening Remarks      | NRC/TN     |
| 2.  | Discuss RSI 2-1                   | NRC/TN     |
| 3.  | Discuss RSI 2-2                   | NRC/TN     |
| 4.  | Discuss RSI 3-1                   | NRC/TN     |
| 5.  | Discuss RSI 3-2                   | NRC/TN     |
| 6.  | Discuss RSI 5-1                   | NRC/TN     |
| 7.  | Discuss RSI 5-2                   | NRC/TN     |
| 8.  | Discuss RSI 5-3                   | NRC/TN     |
| 9.  | Discuss RSI 7-1                   | NRC/TN     |
| 10. | Discuss O 2-3                     | NRC/TN     |
| 11. | Licensing Considerations/Schedule | NRC/TN     |
| 12. | Public Questions/Comments         | Public/NRC |
| 13. | Closing Remarks                   | NRC/TN     |