

September 18, 2012

Dr. Jayant Bondre  
Vice President, Engineering  
Transnuclear, Inc.  
7135 Minstrel Way, Ste. 300  
Columbia, MD 21045

SUBJECT: REVISION NO. 5 OF CERTIFICATE OF COMPLIANCE NO. 9302  
FOR THE MODEL NOS. NUHOMS<sup>®</sup>-MP197 AND NUHOMS<sup>®</sup>-  
MP197HB PACKAGES

Dear Dr. Bondre:

By letter dated July 24, 2012, you submitted a revised application for a renewal to Certificate of Compliance No. 9302 for the Model Nos. NUHOMS<sup>®</sup>-MP197 and NUHOMS<sup>®</sup>-MP197HB transportation packages. As requested by your application dated July 24, 2012, enclosed is Certificate of Compliance No. 9302, Revision No. 5. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's safety evaluation report is also enclosed.

Transnuclear, Inc., has been registered as a user of the package under the general license provisions of 10 CFR 71.17. This approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471.

If you have any questions regarding this certificate, please contact me at (301) 492-3297 or Kim Hardin of my staff at (301) 492-3339.

Sincerely,

**/RA/ B. H. White for**

Michael D. Waters, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9302  
TAC No. L24673

Enclosures: 1. Certificate of Compliance  
No. 9302, Rev. No. 5  
2. Safety Evaluation Report

cc w/encls. 1& 2: R. Boyle, Department of Transportation  
J. Shuler, Department of Energy

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**ADAMS P8 Package No.: ML12263A007 ADAMS P8 Memo No.: ML12263A009**

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**Safety Evaluation Report**  
**Model Nos. NUHOMS<sup>®</sup>-MP197HB and NUHOMS<sup>®</sup>-MP197HB Packages**  
**Docket No. 71-9302**  
**Certificate of Compliance No. 9302**  
**Revision 5**

**SUMMARY**

By application dated July 24, 2012, Transnuclear, Inc. (TN or applicant) submitted an application for revision to Certificate of Compliance (CoC) No. 9302 for the Model Nos. NUHOMS<sup>®</sup>-MP197HB and NUHOMS<sup>®</sup>-MP197HB transportation packages. All original analyses for the currently approved package are still valid and no changes were made to the Safety Analysis Report (SAR).

**EVALUATION**

The staff reviewed the current CoC and SAR in their entirety and updated the references in the CoC and ensured the documentation has been properly docketed as an official agency record. Staff determined that the documentation was available and complete.

Based on the statements and representations in the application and the conditions listed in the CoC, the staff concludes that the design has been adequately described and evaluated and that the changes do not affect the ability of the package to meet the requirements of Title 10 of the Code of Federal Regulations (10 CFR) Part 71.

**CONDITIONS**

The revision number was changed to Revision No. 5.

Condition No. 12 was modified to allow the previous revision (4) of the certificate to be used for a period of approximately one year.

Condition No. 13 was modified to authorize the new expiration date of August 31, 2017.

The references were updated to reflect the application dated July 24, 2012.

**REFERENCES**

Transnuclear, Inc., application dated July 24, 2012.

**CONCLUSION**

Based on the statements and representations in the application, and the conditions listed above, the staff concludes that the Model No. NUHOMS<sup>®</sup>-MP197HB package design has been adequately described and evaluated and that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9302, Revision No. 3,  
on September 18, 2012 .