

October 3, 2005

Ms. Tara Neider  
Senior Vice President Engineering  
Transnuclear, Inc.  
7135 Minstrel Way Suite 300  
Columbia, MD 21045

SUBJECT: PRELIMINARY CERTIFICATE OF COMPLIANCE AND SAFETY EVALUATION  
REPORT FOR THE NUHOMS® HD SYSTEM (TAC NO. L23738)

Dear Ms. Neider:

By letter dated May 5, 2004, as supplemented, Transnuclear, Inc. (TN) submitted an application to the U.S. Nuclear Regulatory Commission, in accordance with 10 CFR Part 72. The purpose of the application was to add the NUHOMS® HD System to the list of approved spent fuel storage casks in 10 CFR 72.214.

As a result of our review of your application and its supplements, the staff has prepared a draft Certificate of Compliance (CoC) and preliminary Safety Evaluation Report (SER) pursuant to the requirements of 10 CFR Part 72. Enclosed is a copy of the proposed CoC and preliminary SER for TN's review and identification of inaccuracies and omissions. Appendix A to the CoC (Technical Specifications) is available at NRC's Public Electronic Reading Room at <http://www.nrc.gov/reading-rm/ADAMS.html> by using the Agencywide Documents Access and Management System (ADAMS) accession number ML052760085.

TN is requested to respond with any comments by close of business on October 11, 2005. Please continue to reference Docket No. 72-1030 and TAC No. L23738 in future correspondence related to this request. If you have any comments or questions concerning this request, please contact me at 301-415-1132.

Sincerely,

/RA/  
Joseph M. Sebrosky, Senior Project Manager  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1030

Enclosures: 1. Preliminary Certificate  
of Compliance  
2. Preliminary SER

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<b>NAME</b>	JSebrosky		DRiffle*		RNelson*					
<b>DATE</b>	10/03/05		9/15/05		10/3/05					

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***ENCLOSURE 1***

***PROPOSED CERTIFICATE OF COMPLIANCE***

***ENCLOSURE 2***

***PRELIMINARY SAFETY EVALUATION REPORT***