

February 8, 2006

Mr. Jayant Bondre  
Director of Engineering and Licensing  
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 Mr. Bondre:

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 prepared a draft Certificate of Compliance (CoC) and preliminary Safety Evaluation Report (SER) pursuant to the requirements of 10 CFR Part 72. In an October 3, 2005, letter the draft CoC and preliminary SER were provided to TN for its review and identification of inaccuracies and omissions. Subsequent to this letter, the staff performed a peer review of the SER, safety analysis report (SAR), and the Technical Specifications (TSs) for the NUHOMS® HD System design. This review resulted in changes to the SER, SAR and TSs. Therefore, the staff is providing the enclosed revised preliminary SER, and draft CoC for TN to review and identify inaccuracies and omissions. Appendix A to the CoC (TSs) 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 ML060390414.

TN is requested to respond with any comments by close of business on February 13, 2006. 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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Docket No.: 72-1030

Enclosures: 1. Preliminary Certificate  
of Compliance

2. Preliminary SER Distribution: w/o encls\*

NMSS r/f SBaggett

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NAME	JSebrosky		EZiegler		RNelson					
DATE	02/08/06		02/08/06		02/08/06					

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

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***ENCLOSURE 1***

***PROPOSED CERTIFICATE OF COMPLIANCE***

***ENCLOSURE 2***

***PRELIMINARY SAFETY EVALUATION REPORT***