

October 11, 2006

Mr. Jayant Bondre  
Director of Engineering and Licensing  
Transnuclear, Inc.  
7135 Minstrel Way Suite 300  
Columbia, MD 21045

SUBJECT: PRELIMINARY CERTIFICATE OF COMPLIANCE (COC) AND SAFETY  
EVALUATION REPORT FOR AMENDMENT NO. 9 TO COC NO. 1004 FOR  
THE STANDARDIZED NUHOMS® SYSTEM (TAC NO. L23965)

Dear Mr. Bondre:

By letter dated April 18, 2006, as supplemented on June 21, 2006, Transnuclear, Inc. (TN) submitted an application for Amendment No. 9 to the NUHOMS® Certificate of Compliance (CoC) No. 1004 to the U.S. Nuclear Regulatory Commission, in accordance with 10 CFR Part 72. The application requested revision to the authorized contents of the Standardized NUHOMS® System to include the Framatome-ANP, Version 9x9-2 fuel assemblies as acceptable for storage in the NUHOMS®-61BT dry shielded canister (DSC).

As a result of our review of your application and its supplement, the staff has prepared a draft 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 ML062830067.

TN is requested to respond with any comments by close of business on October 18, 2006. Please continue to reference Docket No. 72-1004 and TAC No. L23965 in future correspondence related to this request. If you have any comments or questions concerning this request, please contact me at 301-415-1336.

Sincerely,

**/RA/**

James R. Hall, Senior Project Manager  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1004  
Enclosures: 1. Preliminary Certificate  
of Compliance  
2. Preliminary SER

Mr. Jayant Bondre  
 Director of Engineering and Licensing  
 Transnuclear, Inc.  
 7135 Minstrel Way Suite 300  
 Columbia, MD 21045

**SUBJECT: PRELIMINARY CERTIFICATE OF COMPLIANCE (COC) AND SAFETY EVALUATION REPORT FOR AMENDMENT NO. 9 TO COC NO. 1004 FOR THE STANDARDIZED NUHOMS® SYSTEM (TAC NO. L23965)**

Dear Mr. Bondre:

By letter dated April 18, 2006, as supplemented on June 21, 2006, Transnuclear, Inc. (TN) submitted an application for Amendment No. 9 to the NUHOMS® Certificate of Compliance (CoC) No. 1004 to the U.S. Nuclear Regulatory Commission, in accordance with 10 CFR Part 72. The application requested revision to the authorized contents of the Standardized NUHOMS® System to include the Framatome-ANP, Version 9x9-2 fuel assemblies as acceptable for storage in the NUHOMS®-61BT dry shielded canister (DSC).

As a result of our review of your application and its supplement, the staff has prepared a draft 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 ML062830067.

TN is requested to respond with any comments by close of business on October 18, 2006. Please continue to reference Docket No. 72-1004 and TAC No. L23965 in future correspondence related to this request. If you have any comments or questions concerning this request, please contact me at 301-415-1336.

Sincerely,

**/RA/**

James R. Hall, Senior Project Manager  
 Licensing Branch  
 Division of Spent Fuel Storage and Transportation  
 Office of Nuclear Material Safety  
 and Safeguards

Docket No.: 72-1004

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

Distribution: w/o encls  
 Dockets BWhite  
 E:\Filenet\ML062840626.wpd

<b>OFC</b>	SFST	E	SFST	E	SFST	E	SFST		SFST	
<b>NAME</b>	JRHall		Eziegler for M.Debose		RNelson					
<b>DATE</b>	10/11/06		10/11 /06		10/11/06					

**C = COVER                      E = COVER & ENCLOSURE                      N = NO COPY**  
**OFFICIAL RECORD COPY**

***ENCLOSURE 1***

***PROPOSED CERTIFICATE OF COMPLIANCE***

***ENCLOSURE 2***

***PRELIMINARY SAFETY EVALUATION REPORT***