

August 24, 2009

Mr. Robert Grubb  
Senior Vice President - Engineering  
Transnuclear, Inc.  
7135 Minstrel Way, Ste. 300  
Columbia, MD 21045

SUBJECT: AMENDMENT NO. 10 TO CERTIFICATE OF COMPLIANCE NO. 1004 FOR  
THE STANDARDIZED NUHOMS® SYSTEM

Dear Mr. Grubb:

As requested by your application dated January 12, 2007, enclosed is Amendment No. 10 to the Certificate of Compliance (CoC) No. 1004 for the Transnuclear, Inc. Standardized NUHOMS® System. This amended certificate, issued by the U.S. Nuclear Regulatory Commission (NRC or Commission) constitutes the approval and conditions for use of the Standardized NUHOMS® System for storage of spent nuclear fuel under the general licensing provisions of 10 CFR Part 72, Subparts K and L. The amendment revises the CoC for the Standardized NUHOMS® System to add two dry shielded canisters (DSCs) designated the 61BTH and the 32PTH1, to add a high-seismic option for the horizontal storage module, to allow storage of Westinghouse 15x15 partial length shield assemblies in the 24PTH DSC, to allow storage of control components in the 32PT DSC, and to add a new Technical Specification (TS) for Independent Spent Fuel Storage Installations located in coastal marine environments.

As stated in the Federal Register (74 FR 27423, 6/10/09), the effective date of this CoC is August 24, 2009. NRC's Safety Evaluation Report for this CoC, and the amended CoC (including Appendix A, TS) are enclosed. In accordance with 10 CFR 72.248(a)(1), you are required to submit an original final safety analysis report to the Commission, in accordance with 10 CFR 72.4, within 90 days after the spent fuel storage cask design have been approved. We request that in addition to the one copy you are required to submit that you provide two additional copies of the final safety analysis report. If you have any questions regarding this amended certificate, please contact Jennifer Davis at (301) 492-3371.

Sincerely,

**/RA/**

Eric Benner, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1004

Enclosures:

1. Certificate of Compliance No. 1004
2. Safety Evaluation Report

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Distribution: w/o encls\*  
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<b>NAME</b>	JDavis		WWheatley		EBenner	
<b>DATE</b>	08/14/09		08/20/09		8/24/09	

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E = COVER & ENCLOSURE

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**ENCLOSURE 1**

**CERTIFICATE OF COMPLIANCE NO. 1004  
AMENDMENT NO. 10**

**ENCLOSURE 2**

**FINAL SAFETY EVALUATION REPORT**