

December 5, 2005

Mr. U. B. Chopra
Licensing Manager
Transnuclear, Inc.
2201 Walnut Avenue, Suite 280
Fremont, CA 94538

SUBJECT: AMENDMENT NO. 8 TO CERTIFICATE OF COMPLIANCE NO. 1004 FOR THE
STANDARDIZED NUHOMS® SYSTEM (TAC NO. L23929)

Dear Mr. Chopra:

As requested by your applications dated September 19, 2003, and April 21, 2004, enclosed is Amendment No. 8 to Certificate of Compliance (CoC) No. 1004 for the Transnuclear, Inc. (TN) Standardized NUHOMS® System. This certificate amendment is issued pursuant to 10 CFR Part 72. Changes made to the certificate for Amendment No. 8 are indicated by vertical lines in the right margin. As stated in the Federal Register (70 FR 55023, 09/20/05), the effective date of this certificate amendment is December 5, 2005. The Nuclear Regulatory Commission's (NRC) Safety Evaluation Reports (SER) for this amendment are also enclosed. We request that you update and submit three copies of the final safety analysis report to conform to the certificate, within 90 days.

Amendment No. 8 to CoC No. 1004 constitutes NRC's approval of the following changes to the TN NUHOMS® system:

Adding the new 24PTH dry shielded canister design, a modified horizontal storage module, HSM-H, and a modified transfer cask, OS197FC TC.

For the 32PT

1. TS Tables for Fuel Qualification and Fuel Specification were revised to include low enrichment and reconstituted fuel.
2. TS 1.2.15a was revised to show minimum soluble boron loading concentration.

For the 24 PHB

3. TS Table 1-1i was revised to expand the authorized contents.
4. TS 1.2.10 and 1.2.13 were revised to clarify handling and lifting height specifications.
5. TS 1.2.12 was revised to clarify DSC surface contamination actions.

This certificate amendment constitutes the approval and conditions for use of the NUHOMS®-24PTH, -32PT, and -24PHB for storage of spent nuclear fuel under the general licensing provisions of 10 CFR Part 72, Subparts K and L. A general license has been granted to all holders of licenses for nuclear power reactors issued under 10 CFR Part 50.

U. B. Chopra

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This letter also serves as a reminder for you to notify affected cask users of the effective date for this amendment. If you have any questions regarding this amended certificate, please contact Raynard Wharton at 301-415-8500.

Sincerely,
/RA/

Robert A. Nelson, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-1004

Enclosures: 1. Certificate of Compliance No. 1004,
 Amendment No. 8
 2. Safety Evaluation Report (24PTH)
 3. Safety Evaluation Report (32PT and 24PHB)

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/RA/

Robert A. Nelson, Chief
Licensing Section
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Distribution: w/o encls* (closes TAC (L23929)
Docket SBaggett NMSS r/f

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