



January 22, 2004
NUH03-04-02

Mr. L. Raynard Wharton
Spent Fuel Project Office, NMSS
U. S. Nuclear Regulatory Commission
11555 Rockville Pike M/S O13-D-13
Rockville, MD 20852

Subject: Thermal Calculations for Application for Amendment No. 8 to the NUHOMS®
Certificate of Compliance No. 1004 (TAC NO. L23653)

Reference: 1. Revision 0 of Application for Amendment No. 8 to the NUHOMS® Certificate
of Compliance No. 1004 (TAC NO. L23653).

Dear Mr. Wharton:

In response to a verbal request from the staff, Transnuclear, Inc. (TN), herewith submits the requested thermal calculations. The requested HSM-H Main Assembly drawing, NUH-03-7001, is identical to the HSM-H drawing, NUH-03-7001-SAR, which is provided in Section P.1.5 of Reference 1.

This submittal includes proprietary documents which may not be used for any purpose other than to support your staff's review of the application. In accordance with 10 CFR 2.790, Transnuclear, Inc. is providing an affidavit (Enclosure 1) specifically requesting that you withhold this proprietary information from public disclosure.

Should you or your staff require additional information to support review of this application, please do not hesitate to contact me at 510-744-6053.

Sincerely,



U. B. Chopra
Licensing Manager

Docket 72-1004

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- Enclosures:
1. Affidavit for withholding proprietary information.
 2. Proprietary Calculations:
 - Calculation Package, NUH24PTH.0420, Revision 1 (One Copy and One CD, Proprietary).
 - Calculation Package, NUH24PTH.0421, Revision 0 (One Copy and One CD, Proprietary).
 - Calculation Package, NUH32PT.0414, Revision 0 (One Copy and One CD, Proprietary).
 3. Non-Proprietary Calculations:
 - Calculation Package, NUH24PTH.0420, Revision 1 (Non-Proprietary).
 - Calculation Package, NUH24PTH.0421, Revision 0 (Non-Proprietary).
 - Calculation Package, NUH32PT.0414, Revision 0 (Non-Proprietary).