

January 26, 2007

Mr. Donis Shaw
Licensing Manager
Transnuclear, Inc.
7135 Minstrel Way, Ste. 300
Columbia, MD 21045

SUBJECT: NRC APPROVAL OF TRANSNUCLEAR, INC., REQUEST FOR WITHHOLDING
INFORMATION FROM PUBLIC DISCLOSURE REGARDING THERMAL TEST
CALCULATION FOR NUHOMS® HORIZONTAL STORAGE MODULE

Dear Mr. Shaw:

By letter dated August 16, 2004, Transnuclear Inc. (TN) submitted an affidavit dated August 16, 2004, executed by Alan Hanson, requesting that the following information be withheld from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2, Section 2.390:

- TN calculation 10494-62, "Pre-Test Prediction of the Thermocouple Temperatures for the HSM Thermal Testing and Thermocouple Locations."

By letter dated April 14, 2005, TN provided a non-proprietary version of this calculation, which is publicly available in ADAMS (Accession No. ML051080494).

The August 16, 2004, affidavit states that the submitted information should be considered exempt from mandatory public disclosure for the following reasons:

- a) It reveals the distinguishing aspects of a storage system where prevention of its use by any of Transnuclear's competitors without license from Transnuclear constitutes a competitive economic advantage over other companies.
- b) It consists of supporting data, including test data, relative to a component or material, the application of which secures a competitive economic or technical advantage.
- c) Its use by a competitor would reduce his expenditure of resources or improve his competitive position in the design, manufacture, shipment, installation, assurance of quality, or licensing a similar product.

We have reviewed your submitted materials in accordance with the requirements of 10 CFR 2.390 and, on the basis of your statements, have determined that the submitted information sought to be withheld contains proprietary commercial information and should be withheld from public disclosure.

D. Shaw

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Therefore, TN's calculation 10494-62 attached to its letter dated August 16, 2004, will be withheld from public disclosure pursuant to 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned to inspect the documents.

If the basis for withholding this information from public inspection should change in the future such that the information could then be made available for public inspection, you should promptly notify the NRC. You also should understand that the NRC may have cause to review this determination in the future, for example, if the scope of a Freedom of Information Act request includes your information. In all review situations, if the NRC makes a determination adverse to the above, you will be notified of the date of public disclosure, in advance which will be a reasonable time thereafter.

If you have any questions regarding this matter, I may be reached at 301-415-1132.

Sincerely,

/RA/

Joseph M. Sebrosky, Senior Project Manager
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 72-1004, 72-1030

D. Shaw

- 2 -

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Joseph M. Sebrosky, Senior Project Manager
Licensing Branch
Division of Spent Fuel Storage and Transportation
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Docket Nos. 72-1004, 72-1030

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DATE	1/24/2007		1/24/2007		1/26/2007				

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