



April 6, 2009
E-27957

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Subject: Input Regarding Transnuclear, Inc. (TN) Application for Amendment 1 to the
NUHOMS® HD System (Docket No. 72-1030; TAC NO. L24153)

Enclosure: 1. FPL Energy Letter SBK-L-09061, from Gene St. Pierre (FPL Energy) to Jayant
Bondre (TN), "Seabrook Station Request TN Contact NRC Regarding
Approval Date of Certificate of Compliance 1030, Amendment 1, File:
PSL/PTN/SBK-100-43-09," March 24, 2009

In order to provide information to the NRC staff related to the need for Amendment 1 to Certificate of
Compliance 1030 for the NUHOMS® HD System, TN hereby forwards the letter shown herein as
Enclosure 1, in which FPL Energy describes the safety benefit Amendment 1 will bring to their
Seabrook Station dry fuel storage facility.

Should you require additional information regarding this matter, please do not hesitate to contact Mr.
Don Shaw at 410-910-6878 or me at 410-910-6881.

Sincerely,

Jayant Bondre
Vice President - Engineering

cc: B. Jennifer Davis (NRC SFST)

445501



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

March 24, 2009

SBK-L-09061

Mr. Jayant Bondre
Transnuclear, Inc.
7135 Minstrel Way, Suite 300
Columbia, MD 21045

Seabrook Station
Request TN Contact NRC Regarding Approval Date of
Certificate of Compliance 1030, Amendment 1, File: PSL/PTN/SBK-100-43-09

Reference: FPLE Purchase Order 02205271/Specification SBK-S-S-1-E-0149

During the third quarter of 2008, Seabrook Station placed spent fuel in dry storage using Certificate of Compliance No. 1030, Amendment 0.

On November 1, 2007, Transnuclear (TN) submitted Certificate of Compliance No. 1030, Amendment 1 to the U.S. Nuclear Regulatory Commission (NRC) (letter number TN-25747) which allows, among other things, the use of remote temperature monitoring to satisfy the administrative controls requirement of NUHOMS HD SYSTEM GENERIC TECHNICAL SPECIFICATIONS (Section 5.2.5, HSM-H Thermal Monitoring Program).

The current Amendment 0 requires daily inspection of the horizontal storage module (HSM) vents to demonstrate that there is no blockage. This requirement is contained in Section 5.2.5 of the current Technical Specifications.

Generally this inspection has not been a hardship. However, during the winter months a considerable effort is required to remove snow from the inlet and outlet vents. Due to its nature this activity must be done during adverse weather conditions. Seabrook Station considers snow removal under these conditions a safety concern. This issue was not considered during the design of the Seabrook Station dry fuel storage facility because we believed Amendment 1 would be issued before the 2008-2009 Winter season.

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The design of the remote temperature monitoring system is essentially complete with the exception of:

- (1) the issuance of the TN specification number E-26756, Specification for Generic Temperature Monitoring of NUHOMS® HSM-H with Flat Stainless Steel Heat Shields loaded with DSC containing 34.8 kW Total Maximum Decay Heat Load,
- (2) the issuance of Amendment 1, and
- (3) the submittal of an exemption request by Seabrook to the USNRC to use Amendment 1 Technical Specification on the HSMs loaded using Amendment 0 under 10CFR72.7, Specific exemptions.

TN is requested to contact the NRC regarding Amendment 1 to request that this amendment is issued on or before June 15, 2009.

Sincerely,

FPL Energy Seabrook, LLC


Gene St. Pierre
Site Vice President