



Entergy Nuclear Vermont Yankee, LLC
Entergy Nuclear Operations, Inc.
185 Old Ferry Road
Brattleboro, VT 05302-0500

March 17, 2004
BVY 04-032

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
Technical Specification Proposed Change No. 262 – Supplement No. 11
Alternative Source Term
Meteorological Database for Ground-Level Releases**


This letter provides additional information in support of Vermont Yankee's¹ (VY) proposed revision to the licensing basis for the Vermont Yankee Nuclear Power Station (VYNPS) that incorporates a full scope application of an Alternative Source Term methodology. By letter dated July 31, 2003, as supplemented by letters dated October 10, 2003, November 7, 2003 (two letters), November 20, 2003, December 11, 2003 (two letters), December 30, 2003, February 10, 2004, February 18, 2004, and February 25, 2004, VY proposed to amend Facility Operating License No. DPR-28 for VYNPS.

Attachment 1 to this letter consists of site meteorological data on a CD-ROM in ARCON-96 format. The data were collected at VYNPS over a five-year period (i.e., 1995 – 1999) and were the basis for the atmospheric dispersion factors (χ/Q) used in certain postulated ground-level release calculations. These data are being provided in response to a request by the NRC staff.

This supplement to the license amendment request does not change the scope or conclusions in the original application, nor does it change VY's determination of no significant hazards consideration.

If you have any questions, please contact Mr. James DeVincentis at (802) 258-4236.

Sincerely,

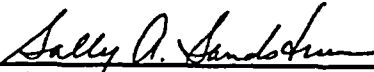

Jay K. Thayer
Site Vice President

¹ Entergy Nuclear Vermont Yankee, LLC and Entergy Nuclear Operations, Inc. are the licensees of the Vermont Yankee Nuclear Power Station.

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STATE OF VERMONT)
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WINDHAM COUNTY)

Then personally appeared before me, Jay K. Thayer, who, being duly sworn, did state that he is Site Vice President of the Vermont Yankee Nuclear Power Station, that he is duly authorized to execute and file the foregoing document, and that the statements therein are true to the best of his knowledge and belief.



Sally A. Sandstrum, Notary Public
My Commission Expires February 10, 2007

Attachment

- cc: USNRC Region 1 Administrator (w/o attachment)
- USNRC Resident Inspector – VYNPS (w/o attachment)
- USNRC Project Manager – VYNPS (w/o attachment)
- Vermont Department of Public Service (w/ attachment)



Docket No. 50-271
BVY 04-032

Attachment 1

Vermont Yankee Nuclear Power Station

Proposed Technical Specification Change No. 262 – Supplement No. 11

Alternative Source Term

Meteorological Database for Ground-Level Releases

CD-ROM