



April 5, 2005

Docket No. 50-271  
BVY 05-038  
TAC No. MC0761

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: **Vermont Yankee Nuclear Power Station  
Technical Specification Proposed Change No. 263 – Supplement No. 27  
Extended Power Uprate – Dryer Acoustic Load Methodology Benchmark**

- References:
- 1) Entergy letter to U.S. Nuclear Regulatory Commission, "Vermont Yankee Nuclear Power Station, License No. DPR-28 (Docket No. 50-271), Technical Specification Proposed Change No. 263, Extended Power Uprate," BVY 03-80, September 10, 2003
  - 2) Entergy letter to U.S. Nuclear Regulatory Commission, "Vermont Yankee Nuclear Power Station, Technical Specification Proposed Change No. 263 – Supplement No. 26 – Steam Dryer Analyses and Monitoring, BVY 05-34, March 31, 2005

This letter provides additional information in support of the application by Entergy Nuclear Vermont Yankee, LLC and Entergy Nuclear Operations, Inc. (Entergy) for a license amendment (Reference 1) to increase the maximum authorized power level of the Vermont Yankee Nuclear Power Station (VYNPS) from 1593 megawatts thermal (MWt) to 1912 MWt.

In Entergy's letter to NRC dated March 31, 2005 (Reference 2), Entergy stated that the content for Attachment 4 would be provided under separate cover. This submittal provides the subject content entitled "VY-RPT-05-00006 VYNPS Acoustic Model Benchmark - Dryer Acoustic Load Methodology."

Attachment 1 to this submittal contains Proprietary Information as defined by 10CFR2.390 and should be handled in accordance with the provisions of that regulation. Attachment 2 provides a non-proprietary version of Attachment 1. A non-proprietary affidavit attesting to the proprietary nature of this document is provided as Attachment 3 for General Electric Company.

Additionally, in Attachment 5 of Reference 2, an inappropriate affidavit was submitted with the report, "GE-NE-0000-0038-0936P Vermont Yankee Nuclear Power Station Modified Steam Dryer Stress Analysis." Attachment 4 to this submittal provides General Electric Company's replacement non-proprietary Affidavit for that report.

APD1

Entergy is ready to support the NRC staff's review of this submittal and is prepared for any technical discussions that are warranted based on the staff's review of the information provided.

There are no new regulatory commitments contained in this submittal.

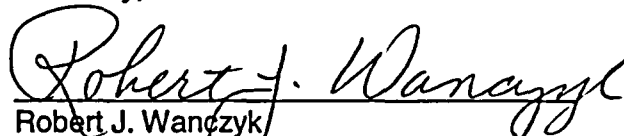
This supplement to the license amendment request provides additional information to clarify Entergy's application for a license amendment and does not change the scope or conclusions in the original application, nor does it change Entergy's determination of no significant hazards consideration.

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

I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 5, 2005.

Sincerely,

  
Robert J. Wanczyk  
Director, Nuclear Safety  
Vermont Yankee Nuclear Power Station

Attachments (4)

cc: Mr. Richard B. Ennis, Project Manager  
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