



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

July 2, 2004
BVY 04-058

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. 263 – Supplement No. 8
Extended Power Uprate – Response to Request for Additional Information

Reference: 1) U. S. Nuclear Regulatory Commission (Richard B. Ennis) letter to Entergy Nuclear Operations, Inc. (Michael Kansler), "Request for Additional Information – Extended Power Uprate, Vermont Yankee Nuclear Power Station (TAC No. MC0761), dated May 28, 2004

Dear Sir:

This letter provides a response to NRC's request of May 28, 2004 (Reference 1) for additional information regarding the application by Entergy Nuclear Vermont Yankee, LLC and Entergy Nuclear Operations, Inc. (Entergy) for a license amendment to increase the maximum authorized power level of the Vermont Yankee Nuclear Power Station (VYNPS) from 1593 megawatts thermal (MWT) to 1912 MWT.

Each of the 60 individual requests identified in the NRC staff's May 28, 2004 letter has been the subject of discussions held during conference calls between the staffs of the NRC and Entergy to further clarify the information needs of the NRC staff. In certain instances the requests for additional information (RAIs) were modified based on clarifications and understandings reached during the telecons. The information provided herein is consistent with those understandings.

Attachment 1 to this letter provides Entergy's response to each of the RAIs. Because certain RAI responses contain proprietary information as defined by 10CFR2.390, Attachment 1 has been designated in its entirety as proprietary information. A non-proprietary version, suitable for public disclosure, is provided as Attachment 2 to this letter with the proprietary information redacted. An affidavit that constitutes a request for withholding of the proprietary information in Attachment 1 from public disclosure in accordance with NRC regulations is provided by the owner of the proprietary information (General Electric Company (GE)) as Attachment 3. The proprietary information in Attachment 1 is designated by double underline within double square brackets. In each case, the superscript notation, "⁽³⁾", refers to paragraph (3) of the affidavit, which provides the basis for the proprietary determination. The proprietary information has been handled and classified as proprietary, customarily held in confidence, and withheld from

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public disclosure. The proprietary information contained in the responses to the RAIs was provided to Entergy in a GE transmittal that is referenced by the affidavit. The proprietary information has been faithfully reproduced in the enclosed RAI responses such that the affidavit remains applicable. GE requests that the enclosed proprietary information be withheld from public disclosure in accordance with the provisions of 10CFR2.390 and 9.17.

Two of the RAI responses reference calculations and certain marked-up pages that are provided as separate exhibits. Those items are provided in Attachment 4 to this letter as Exhibits 1-3.

Attachment 5 to this letter summarizes the new commitments contained in the responses to the RAIs.

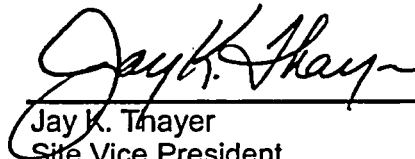
This license amendment request supplement provides additional information to clarify Entergy's application for a license amendment and does not change the scope or conclusions in the original application, nor does it change Entergy's determination of no significant hazards consideration.

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 July 2, 2004

Sincerely,



Jay K. Thayer
Site Vice President
Vermont Yankee Nuclear Power Station

Attachments (5)

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