

August 3, 2006

Mr. Michael Kansler
President
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601-1839

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF
VERMONT YANKEE NUCLEAR POWER STATION LICENSE RENEWAL
APPLICATION

Dear Mr. Kansler:

By letter dated January 25, 2006, as supplemented by letter dated March 15, 2006, the U.S. Nuclear Regulatory Commission (NRC) received the Entergy Nuclear Operations, Inc. application for renewal of Operating License No. DPR-28 for the Vermont Yankee Nuclear Power Station (VYNPS). The NRC staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review. Specifically, the enclosed requests for additional information are from Section 2.4, "Scoping and Screening Results: Structures," of the VYNPS license renewal application.

Based on discussions with Mr. Jim DeVincentis of your staff, a mutually agreeable date for your response is within 30 days of the date of this letter. If you have any questions regarding this letter or if circumstances result in your need to revise the response date, please contact me at 301-415-4053 or by e-mail at jgr@nrc.gov.

Sincerely,

/RA/

Jonathan Rowley, Project Manager
License Renewal Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-271

Enclosure:
Request for Additional Information

cc w/encl: See next page

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VERMONT YANKEE NUCLEAR POWER STATION LICENSE RENEWAL
APPLICATION

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VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION
REQUESTS FOR ADDITIONAL INFORMATION (RAIs)

RAI 2.4.3-1

Table 2.4.3 does not include the sluice gate, roller gates, trash racks, stop log guides, traveling screens, and fine screen guides within the intake structure, and the concrete pipe that connects the intake structure to the discharge structure. The staff requests that the applicant provide justification for not including them in the scope of license renewal.

RAI 2.4.4-1

Table 2.4.4 lists “Structural steel” as a component, and “Structural steel: beams, columns, plates” as another component. The staff requests that the applicant provide clarification for the two different components.

RAI 2.4.5-1

Table 2.4.5 lists “Vernon Dam external walls above/below grade” as a component, and “Vernon Dam external walls, floor slabs and interior walls” as another component. The staff requests that the applicant provide clarification for the two different components.

RAI 2.4.6-1

Table 2.4.6 lists “Flood curbs” as a component with intended functions for flood barrier and shelter or protection, and another component “Flood curbs” with an intended function for flood barrier. The staff requests that the applicant provide clarification for the two different components.