

July 27, 2006

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

SUBJECT: VERMONT YANKEE NUCLEAR POWER STATION - REQUEST FOR
ADDITIONAL INFORMATION REGARDING RELIEF REQUEST INSERVICE
INSPECTION (ISI)-013, FOURTH 10-YEAR ISI INTERVAL (TAC NO. MD0287)

Dear Mr. Kansler:

By letter dated February 16, 2006, as supplemented by letter on March 27, 2006, Entergy Nuclear Operations, Inc. (the licensee) requested relief from requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, for Vermont Yankee Nuclear Power Station. Specifically, you requested an alternative for the examination of Category B-F, Item 5.10, nozzle-to-safe end welds.

The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). A response to these RAIs is requested to be provided within 30 days.

Sincerely,

/RA/

James J. Shea, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-271

Enclosure: As stated

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION
FOURTH 10-YEAR INSERVICE INSPECTION (ISI) INTERVAL
REQUEST FOR RELIEF NO. ISI-013
VERMONT YANKEE NUCLEAR POWER STATION
ENTERGY NUCLEAR NORTHEAST
DOCKET NUMBER 50-271

By letter dated February 16, 2006, as supplemented by letter on March 27, 2006, Entergy Nuclear Operations, Inc. (the licensee) requested relief from requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, for Vermont Yankee Nuclear Power Station.

The Nuclear Regulatory Commission staff reviewed the information submitted by the licensee and, based on this review, determined the following information is required to complete the evaluation.

1. Please provide drawings or sketches of the ASME Code, Section XI, Category B-F components listed in the *List of Affected B-F Welds* attached to the licensee's letter dated February 16, 2006. Drawings or sketches of every component is not required. An example of each type of similar component will satisfy this request.
2. In the *List of Affected B-F Welds*, under materials, please clarify the materials for the components listed in the table and provide weld rod material.
3. In accordance with BWRVIP-75-A, "BWR Vessel and Internals Project Technical Basis for Revisions to Generic Letter 88-01 Inspection Schedules," Chapter 3, page 3-1 second paragraph, please provide a discussion as to how the conditions contained in BWRVIP-75-A are applicable to Vermont Yankee. Include a discussion as to why your material is resistant to intergranular stress-corrosion cracking (IGSCC). (For example, hydrogen water chemistry treatment program, material of subject components, and/or other measures such as control of conductivity to prevent IGSCC).
4. Please clarify that the personnel and procedures used for the examinations of Category A piping at Vermont Yankee are in accordance with the Electric Power Research Institute demonstration initiative program, under ASME Code, Section XI, Appendix VII and Appendix VIII.

Enclosure

Vermont Yankee Nuclear Power Station

cc:

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Vermont Yankee Nuclear Power Station

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