



June 30,2005

Vermont Yankee
Docket No. 50-271

BVY 05-068

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

**Subject: Response to Request for Additional Information - Instrumentation
Technical Specifications, Vermont Yankee Nuclear Power Station
(TAC NO. MB8714)**

- References:
- (1) USNRC letter to Entergy dated January 21, 2005 regarding Request for Additional Information -Instrumentation Technical Specifications, Vermont Yankee Nuclear Power Station (TAC NO. MB8714)
 - (2) Entergy letter to USNRC dated April 25, 2003 regarding Technical Specifications Proposed Change No. 259, Instrumentation Technical Specifications
 - (3) Entergy letter to USNRC dated May 21, 2003 regarding Technical Specifications Proposed Change No. 259 Supplement 1, Instrumentation Technical Specifications
 - (4) Entergy letter to USNRC dated June 11, 2003 regarding Technical Specifications Proposed Change No. 259 Supplement 2, Instrumentation Technical Specifications

This letter provides a response to the Nuclear Regulator Commission's (NRC) request for additional information (RAI) (Reference 1) concerning Vermont Yankee's¹ (VY) proposed license amendment (Reference 2) as supplemented by References 3 and 4.

Attachment 1 to this letter lists the individual RAIs along with the VY responses. Attachment 2 to this letter provides replacement pages to those provided in Reference 2, as referenced from the RAI responses in Attachment 1. These include replacements of retyped proposed Technical Specification and Bases pages and markups of current Technical Specification (CTS) pages. Attachments 3 through 7 contain copies of calculations requested by various RAIs.

This supplement to the license amendment request does not change VY's determination of no significant hazards consideration provided in Reference 4.

There are no new commitments being made in this submittal.

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

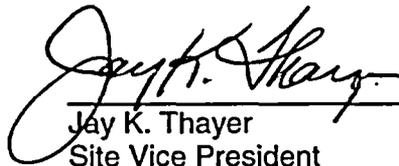
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Upon acceptance of this proposed change by the NRC, VY requests that a license amendment be issued for implementation within 120 days of its effective date.

If you have any questions or require additional information, please contact Mitch McCluskie at (802) 258-4187.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 30, 2005.

Sincerely,



Jay K. Thayer
Site Vice President
Entergy Nuclear Operations, Inc
Vermont Yankee Nuclear Power Station

Attachments:

1. Responses to request for Additional Information Regarding Technical Specifications Proposed Change No. 259, Instrumentation Technical Specifications
2. Replacement Pages for Retyped Proposed TS and Bases and Markups of CTS
3. Calculation Number VYC-0723 Revision 3, Condensate Storage Tank Level (HPCI) Monitoring, with Calculation Change Notices CCN-01 through CCN-04, and Technical Evaluation No. TE-2001-048, Table 1, CST Level and Volume
4. Calculation Number VYC-462A Revision 0, Main Steam Line Areas High Temperature Setpoint, with Calculation Change Notice CCN-01
5. Calculation Number VYC-462D Revision 0, High Pressure Coolant Injection Steam Line Areas High Temperature Setpoint, with Calculation Change Notice CCN-01
6. Calculation Number VYC-462C Revision 0, Reactor Core Isolation Cooling Steam Line Areas High Temperature Setpoint, with Calculation Change Notice CCN-01
7. Calculation Number VYC-0706 Revision 1, Condensate Storage Tank Level (RCIC) Monitoring, with Calculation Change Notices CCN-01 and CCN-02, and Technical Evaluation No. TE-2001-048, Table 1, CST Level and Volume

cc: Mr. Richard B. Ennis, Project Manager
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