



Entergy Nuclear Operations, Inc.  
Vermont Yankee  
320 Governor Hunt Rd.  
Vernon, VT 05354  
802-257-7711

John W. Bolye  
Director, Nuclear Decommissioning

10 CFR 50.54(q)  
10 CFR 50, Appendix E  
10 CFR 50.90  
10 CFR 72.44(f)

BVY 17-039

November 16, 2017

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

SUBJECT: Response to Request for Additional Information Regarding the License Amendment Request to Change the Emergency Plan and Emergency Action Level Scheme to Reflect an ISFSI-Only Configuration (EPID No. L-2017-EPR-0001)  
Vermont Yankee Nuclear Power Station  
License No. DPR-28  
Docket Nos. 50-271 and 72-59

- REFERENCES:
1. Letter, Entergy Nuclear Operations, Inc. to USNRC, "License Amendment Request - Independent Spent Fuel Storage Installation (ISFSI) Emergency Plan and Emergency Action Level Scheme" BVY 17-009, dated May 15, 2017 (ML17139D261)
  2. Letter, USNRC to Entergy Nuclear Operations, Inc., "Vermont Yankee Nuclear Power Station - Request for Additional Information Regarding the License Amendment Request to Change the Emergency Plan and Emergency Action Level Scheme to Reflect an ISFSI-Only Configuration (EPID No. L-2017-EPR-0001)," NVY 17-023, dated October 23, 2017 (ML17279B145)

Dear Sir or Madam:

By letter dated May 15, 2017 (Reference 1), Entergy Nuclear Operations, Inc. (ENO) submitted a license amendment request to Renewed Facility Operating License Number DPR-28 for Vermont Yankee Nuclear Power Station (VY). The proposed amendment would replace the Permanently Defueled Emergency Plan (PDEP) and its associated Permanently Defueled Emergency Action Level (EAL) Technical Bases Document with the Independent Spent Fuel Storage Installation (ISFSI) Emergency Plan and its associated ISFSI EAL Technical Bases Document. This ISFSI Emergency Plan will be used at VY during the period when all spent fuel will be stored in the VY ISFSI.

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In Reference 2, the U.S. Nuclear Regulatory Commission (NRC) provided ENO with a request for additional information (RAI). This submittal provides the response to the request for additional information and supplements Reference 1 as described in the attachments.

Attachment 1 provides the Response to the Request for Additional Information. Attachment 2 provides a markup of the proposed ISFSI Emergency Plan pages that have changed based upon the responses to the RAI with respect to the document submitted in Reference 1. Attachment 3 provides revised pages of ISFSI EAL Technical Bases Document based upon the responses to the RAI.

This letter contains no new regulatory commitments.

Should you have any questions concerning this letter, please contact Mr. Coley Chappell at (802) 451-3374.

Sincerely,

A handwritten signature in black ink, appearing to read 'JWB/tbs', is written over the word 'Sincerely,'.

JWB/tbs

Attachments: 1. Response to Request for Additional Information  
2. Revised pages of ISFSI Emergency Plan  
3. Revised pages of ISFSI EAL Technical Bases Document

cc: Mr. Daniel H. Dorman  
Regional Administrator, Region 1  
U.S. Nuclear Regulatory Commission  
2100 Renaissance Blvd, Suite 100  
King of Prussia, PA 19406-2713

Mr. Jack D. Parrott, Sr. Project Manager  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Mail Stop T-8F5  
Washington, DC 20555

Ms. June Tierney, Commissioner  
Vermont Department of Public Service  
112 State Street - Drawer 20  
Montpelier, Vermont 05602-2601