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Coley C. Chappell  
Manager, Design & Programs

BVY 18-002

January 10, 2018

ATTN: Document Control Desk  
Director, Division of Spent Fuel Management  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: ISFSI Annual Radioactive Effluent Release Report  
Vermont Yankee Nuclear Power Station  
Docket Nos. 50-271, 72-59  
License No. DPR-28

Dear Sir or Madam:

In accordance with 10 CFR 72.44(d)(3), Vermont Yankee Nuclear Power Station (VY) hereby submits the Independent Spent Fuel Storage Installation (ISFSI) annual effluent report for the previous calendar year.

By design, the seal welded storage canisters of the Holtec HI-STORM 100 Cask System used at VY do not create any radioactive materials or have any radioactive material effluents. The seal welded storage system design provides assurance that there are no radioactive effluent release pathways from the storage casks.

This letter documents that there were no radioactive effluents discharged or released from the VY ISFSI and therefore no ISFSI-specific data to report for calendar year 2017.

There are no new regulatory commitments being made in this submittal.

Should you have any questions concerning this submittal, please contact me at (802) 451-3374.

Sincerely,

  
[CCC/dme]

cc listing (next page)

IE48  
NM5526  
NM5520  
NRR  
NM55

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

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

Mr. Jack D. Parrott, Senior Project Manager  
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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