



Entergy Nuclear Vermont Yankee, LLC
Vermont Yankee
320 Governor Hunt Rd.
Vernon, VT 05354
(802) 257-7711

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
NM5520
NM5526
NR R
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
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