



NorthStar Nuclear Decommissioning Co., LLC
Vermont Yankee Nuclear Power Station
320 Governor Hunt Rd.
Vernon, VT 05354
802-451-5354

Corey R. Daniels
ISFSI Senior Manager

10 CFR 72.44(d)(3)

BVY 25-004

January 13, 2025

ATTN: Document Control Desk
Director, Division of 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 and 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 2024.

This letter contains no new regulatory commitments.

Should you have any questions concerning this letter, or require additional information, please contact Mr. Thomas B. Silko at (802) 451-5354, Ext 2506.

Sincerely,

CRD/tbs

cc: Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Rd, Suite 102
King of Prussia, PA 19406

Commissioner
Vermont Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05602-2601