



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 21-006

February 18, 2021

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 2020.

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

IE48  
NMSS20  
NMSS26  
NRR  
NMSS

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

Mr. Jack D. Parrott, Senior Project Manager  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Mail Stop T-5A10  
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Ms. June Tierney, Commissioner  
Vermont Department of Public Service  
112 State Street – Drawer 20  
Montpelier, Vermont 05602-2601