EM

Entergy

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

2011 MAR -8 P 10: 33

STATE OF VERMONT
DEPT OF PUBLIC SERVICE
MONTPELIER, VT.
05620-2601

Robert J. Wanczyk
Manager, Licensing

BVY 11-022

March 1, 2011

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

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

Dear Sir or Madam:

In accordance with 10CFR72.44(d)(3), Vermont Yankee 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 Vermont Yankee 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 Vermont Yankee ISFSI and therefore no ISFSI-specific data to report for calendar year 2010.

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

Should you have any questions concerning this submittal, please contact me at (802) 451-3166.

Sincerely,

Robert J. Wanczyk

[RJW/JTM]

cc: Mr. William Dean, Region 1 Administrator
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Mr. James S. Kim, Project Manager
U.S. Nuclear Regulatory Commission
Mail Stop O 8 C2A
Washington, DC 20555

USNRC Resident Inspector
Entergy Nuclear Vermont Yankee
320 Governor Hunt Road
Vernon, Vermont 05354

Ms. Elizabeth Miller, Commissioner
VT Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05620