



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

**Robert J. Wanczyk**  
Licensing Manager

BVY 12-040

May 23, 2012

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

SUBJECT: Vermont Yankee Registration of Spent Fuel Cask Use  
Vermont Yankee Nuclear Power Station  
Docket No. 50-271  
License No. DPR-28

Dear Sir or Madam;

Entergy Nuclear Operations, Inc. operates the Vermont Yankee (VY) Independent Spent Fuel Storage Installation in accordance with the general license provisions of 10 CFR 72. The conditions of 10 CFR 72.212 require the registration of a spent fuel cask within 30 days of using a cask for storage of spent nuclear fuel. The fuel contained in the cask is from the VY Nuclear Power Station.

Accordingly, this letter hereby registers the use of the tenth VY dry fuel storage cask. This letter also provides the following registration information:

<u>Tenth VY Spent Fuel Cask System</u>	<u>Date placed in use: May 22, 2012</u>
Licensee's Name	Entergy Nuclear Operations, Inc.
Licensee's Address	Vermont Yankee 320 Governor Hunt Road Vernon, VT 05354
10CFR50 Docket Number	50-271
10CFR72 Docket Number	72-59
Cask Model Number	HI-STORM 100
Cask Certificate Number	1014 Amendment 2
Holtec FSAR Version	Revision 4
MPC Serial Number	362
HI-STORM Overpack Serial Number	569
Number of Fuel Bundles	68

NH5526  
NH55

There are no regulatory commitments being made in this submittal.

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

Sincerely,



RJW/jmd

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

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

Mr. Richard V. Guzman, Project Manager  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O8C2A  
Washington, DC 20555

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

Ms. Elizabeth Miller, Commissioner  
VT Department of Public Service  
112 State Street – Drawer 20  
Montpelier, VT 05620-2601