



Entergy Nuclear Operations, Inc.
Vermont Yankee
P.O. Box 0250
320 Governor Hunt Road
Vernon, VT 05354
Tel 802 257 7711

June 26, 2008

BVY 08-038

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

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket Nos. 50-271, 72-59)
Vermont Yankee Registration of Spent Fuel Cask Use**

Dear Sir or Madam;

Entergy Nuclear Operations, Inc. (Entergy) operates the Vermont Yankee (VY) Independent Spent Fuel Storage Installation (ISFSI) in accordance with the general license provisions of 10CFR72. The conditions of 10CFR72.212(b)(1)(ii) include 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 second VY dry fuel storage cask. This letter also provides the following registration information:

Second VY Spent Fuel Cask System Date placed in use: June 16, 2008

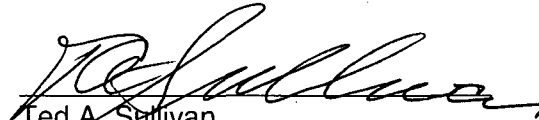
Licensee's Name	Entergy Nuclear Operations, Inc.
Licensee's Address	Vermont Yankee PO Box 250 Governor Hunt Road Vernon, VT 05354
10CFR50 Docket Number	50-271
10CFR72 Docket Number	72-59
Cask Model Number	HI-STORM 100
Cask Certificate Number	1014 Amendment 2
Holtec FSAR Version	Revision 4
MPC Serial Number	059
HI-STORM Overpack Serial Number	066
Number of Fuel Bundles	68

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

If you have any questions concerning this submittal, please contact Mr. David J. Mannai at (802) 451-3304.

Sincerely,


Ted A. Sullivan
Site Vice President
Vermont Yankee Nuclear Power Station

cc: Mr. Samuel J. Collins, 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

Mr. James S. Kim, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

USNRC Resident Inspector
Vermont Yankee Nuclear Power Station
320 Governor Hunt Road
P.O. Box 157
Vernon, VT 05354

Mr. David O'Brien, Commissioner
VT Department of Public Service
112 State Street, Drawer 20
Montpelier, VT 05620-2601