



Entergy Nuclear Operations, Inc.

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

July 10, 2008

BVY 08-041

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 third VY dry fuel storage cask. This letter also provides the following registration information:

Third VY Spent Fuel Cask System Date placed in use: July 01, 2008

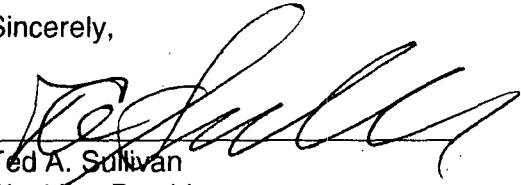
| | |
|---------------------------------|--|
| Licensee's Name | Entergy Nuclear Operations, Inc. |
| Licensee's Address | Vermont Yankee PO Box 250 Governor Hunt Road Vernon, VT 05354 |
| 10CFR50 Docket Number | 50-271 |
| 10CFR72 Docket Number | 72-59 |
| Cask Model Number | HI-STORM 100 |
| Cask Certificate Number | 1014 Amendment 2 |
| Holtec FSAR Version | Revision 4 |
| MPC Serial Number | 060 |
| HI-STORM Overpack Serial Number | 067 |
| Number of Fuel Bundles | 68 |

115501

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