



Entergy Nuclear Vermont Yankee, LLC
Vermont Yankee
320 Governor Hunt Rd.
Vernon, VT 05354
(802) 257-7711

Coley C. Chappell
Manager, Design & Program Engineering

10 CFR 72.212(b)(2)

BVY 17-040

November 16, 2017

ATTN: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: Vermont Yankee Registration of Spent Fuel Cask Use
Vermont Yankee Nuclear Power Station
Docket Nos. 50-271, 72-59, and 72-1014
License No. DPR-28

Dear Sir or Madam:

Entergy Nuclear Operations, Inc. (ENO) operates the Vermont Yankee Nuclear Power Station (VY) Independent Spent Fuel Storage Installation (ISFSI) in accordance with the general license provisions of 10 CFR 72.210. In accordance with 10 CFR 72.212, "Conditions of general license issued under § 72.210," paragraph (b)(2), registration of the use of each cask is required no later than 30 days after using the cask to store spent fuel.

The following information is provided in accordance with 10 CFR 72.212(b)(2):

| | |
|-------------------------|---|
| Licensee Name | Entergy Nuclear Operations, Inc. Entergy Nuclear Vermont Yankee, LLC |
| Licensee Address | 320 Governor Hunt Rd Vernon, VT 05354 |
| Reactor License Number | DPR-28 |
| Reactor Docket Number | 50-271 |
| ISFSI Docket Number | 72-59 |
| Contact Name and Title | Coley Chappell Manager, Design & Program Engineering |
| Cask Certificate Number | 1014 |
| CoC Amendment Number | 10 |

29th Cask

Cask Model Numbers

Cask Identification Numbers

Initial Use: October 23, 2017

Overpack: HI-STORM 100S Version B
Multi-Purpose Canister: MPC-68M

HI-STORM Overpack: Serial Number 990
Multi-Purpose Canister: Serial Number 546

30th Cask

Cask Model Numbers

Cask Identification Numbers

Initial Use: October 27, 2017

Overpack: HI-STORM 100S Version B
Multi-Purpose Canister: MPC-68M

HI-STORM Overpack: Serial Number 997
Multi-Purpose Canister: Serial Number 549

31st Cask

Cask Model Numbers

Cask Identification Numbers

Initial Use: November 02, 2017

Overpack: HI-STORM 100S Version B
Multi-Purpose Canister: MPC-68M

HI-STORM Overpack: Serial Number 998
Multi-Purpose Canister: Serial Number 552

This letter contains no new regulatory commitments. Should you have any questions concerning this letter, please contact me at 802-451-3374.

Sincerely,


CCC/dme

cc: Mr. Daniel Dorman
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-8F5
Washington, DC 20555

Ms. June Tierney, Commissioner
Vermont Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05602-2601

Fleet Standard ICA Transfer Form

| Step | Material Description | Serial Number / Equipment ID | FROM | TO | Performed By | Date/Time | Verified By | Notes / Initial(s) |
|--------------|------------------------|------------------------------|------------------------------------|-------------------------------------|---|-------------------|--------------------|--------------------|
| 1 | Multi-Purpose Canister | Cask 16/29 MPC 546 | SFP Cask Loading Area | Refuel Floor Cask Washdown Area | <i>[Signature]</i> | 10/17/17 0500 | <i>[Signature]</i> | |
| 2 | Dry Cask System | MPC 546 HI-STORM 990 | Refuel Floor Cask Washdown Area | ISFSI Pad G-5 Cask Washdown Area | 10-23-17 <i>[Signature]</i> 12:15 | 10-23-17 12:15 | <i>[Signature]</i> | |
| 3 | | | | | | | | |
| 5 | | | | | | | | |
| 4 | | | | | | | | |

Fleet Standard ICA Transfer Form

| Step | Material Description | Serial Number / Equipment ID | FROM | | TO | | Performed By | Date/Time | Verified By | Notes / Initial(s) |
|------|------------------------|------------------------------|--------------|--------------------|--------------|--------------------|--------------------|-------------------|--------------------|--------------------|
| | | | SFP | Cask Loading Area | Refuel Floor | Cask Washdown Area | | | | |
| 1 | Multi-Purpose Canister | Cask 17/30 MPC 549 | | Cask Loading Area | Refuel Floor | Cask Washdown Area | <i>[Signature]</i> | 10-23-17 | <i>[Signature]</i> | |
| 2 | Dry Cask System | MPC 549 HI-STORM 997 | Refuel Floor | Cask Washdown Area | ISFSI Pad | F-5 | <i>[Signature]</i> | 10-27-17 12:05 | <i>[Signature]</i> | |
| 3 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 4 | | | | | | | | | | |

Original copy

ATTACHMENT 9.1

ITEM CONTROL AREA (ICA) TRANSFER FORM

Fleet Standard ICA Transfer Form

| Step | Material Description | Serial Number / Equipment ID | FROM | | TO | | Performed By | Date/Time | Verified By | Notes / Initial(s) |
|------|------------------------|------------------------------|--------------|--------------------|--------------|--------------------|--------------------|------------------|--------------------|--------------------|
| | | | SFP | Cask Loading Area | Refuel Floor | ISFSI Pad | | | | |
| 1 | Multi-Purpose Canister | Cask 18/31 MPC 552 | SFP | Cask Loading Area | Refuel Floor | Cask Washdown Area | <i>[Signature]</i> | 10-20-17 1537 | <i>[Signature]</i> | |
| 2 | Dry Cask System | MPC 552 HI-STORM 998 | Refuel Floor | Cask Washdown Area | ISFSI Pad | M-3 | <i>[Signature]</i> | 11/2/17 2324 | <i>[Signature]</i> | |
| 3 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 4 | | | | | | | | | | |

File Number: _____

Rev: 0