



Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360

Peter J. Miner
Manager, Regulatory Assurance

Letter Number 2.18.050

September 13, 2018

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: Pilgrim Nuclear Power Station Registration of Spent Fuel Cask Use

Pilgrim Nuclear Power Station
Docket No. 50-293
Docket No. 72-1044 , 72-1014
Renewed License No. DPR-35

Dear Sir or Madam:

In accordance with the requirements of Title 10, Code of Federal Regulations 72.212(b)(2), Entergy Nuclear Operations, Inc. is providing the attached information to register the use of approved spent fuel casks at the Pilgrim Nuclear Power Station Independent Spent Fuel Storage Installation.

If you have any questions or require additional information, please contact me at (508) 830-7127.

There are no regulatory commitments contained in this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "PJM", with a stylized flourish at the end.

PJM/rb

Attachment 1 - Cask Registration Information

NMSS 20
NMSS 26
NRR
NMSS

cc: Mr. David C. Lew
Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Mr. John Lamb, Senior Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop 0-8C2A
Washington, DC 20555

NRC Senior Resident Inspector
Pilgrim Nuclear Power Station

Mr. John Giarrusso, Jr.
Planning and Preparedness Section Chief
Massachusetts Emergency Management Agency
400 Worcester Road
Framingham, MA 01702

Mr. John Priest, Director
Massachusetts Department of Public Health
Radiation Control Program
Commonwealth of Massachusetts
529 Main Street, Suite 1M2A
Charlestown, MA 02129-1121

Attachment 1

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Cask Registration Information

(1 Page)

CASK REGISTRATION INFORMATION

Licensee's Name: Entergy Nuclear Operations, Inc.

Licensee's Address: Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360

Reactor License Number: DPR-35

Reactor Docket No.: 50-293

ISFSI Docket No.: 72-1044

Cask Model No.: HI-STORM 100S

Cask Certificate No.: 1014, Amendment 7

Holtec Cask FSAR Revision No.: Revision 9

Contact for Additional Information: Paul J. Kristian
Sr. Project Manager
(508) 830-8894

| Multi-Purpose Canister Serial Number | Hi-Storm Overpack Serial Number | Placed in Service |
|---|------------------------------------|-------------------|
| 610 | 1132 | August 16, 2018 |
| 606 | 1126 | September 7, 2018 |