



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

October 31, 2016

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

LETTER NUMBER: 2.16.068

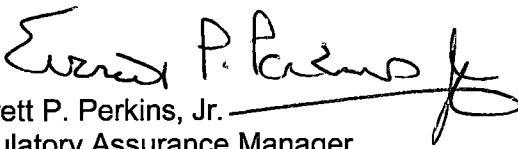
Dear Sir or Madam:

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) 830-8323.

There are no regulatory commitments contained in this letter.

Sincerely,


Everett P. Perkins, Jr.
Regulatory Assurance Manager

EPP/mw

Attachment 1 - Cask Registration Information

NMSS20
NMSS24
NRR
NMSS

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

Ms. Booma Venkataraman, Project Manager
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-8C2A
Washington, DC 20555

NRC Senior Resident Inspector
Pilgrim Nuclear Power Station

John Giarrusso, Jr.
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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
579	924	October 2, 2016
580	926	October 8, 2016
503	1074	October 15, 2016
501	925	October 21, 2016
502	1073	October 28, 2016