



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

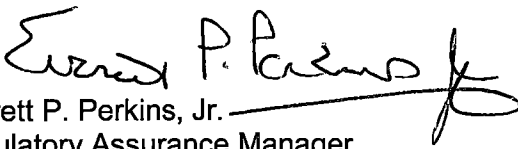
Dear Sir or Madam:

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

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**

Letter Number 2.16.068

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

<b>Multi-Purpose Canister Serial Number</b>	<b>HI-Storm Overpack Serial Number</b>	<b>Placed in Service</b>
<b>579</b>	<b>924</b>	<b>October 2, 2016</b>
<b>580</b>	<b>926</b>	<b>October 8, 2016</b>
<b>503</b>	<b>1074</b>	<b>October 15, 2016</b>
<b>501</b>	<b>925</b>	<b>October 21, 2016</b>
<b>502</b>	<b>1073</b>	<b>October 28, 2016</b>