



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

**Peter J. Miner**  
Manager, Regulatory Assurance

Letter Number 2.18.048

August 7, 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 "Peter J. Miner".

PJM/rb

Attachment 1 - Cask Registration Information

NM5520  
NM5526  
NRR  
NM55

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

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

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**Attachment 1**

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Cask Registration Information

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## 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
612	1129	July 11, 2018
605	1133	July 21, 2018
604	1128	July 28, 2018
607	1127	August 4, 2018