

**Entergy**

**Entergy Nuclear Northeast  
Entergy Nuclear Operations, Inc.**

James A. Fitzpatrick NPP  
P.O. Box 110  
Lycoming, NY 13093

**Joseph Pechacek**  
Licensing Manager

September 21, 2009  
JAFF-09-0107

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

SUBJECT:           **Registration of Spent Fuel Cask Use**  
James A FitzPatrick Nuclear Power Plant  
Docket No.s 50-333 and 72-12  
License No. DPR-59

Dear Sir or Madam:

Entergy Nuclear Operations, Inc. (ENO), Entergy Nuclear Northeast operates the James A. FitzPatrick (JAF) Nuclear Power Plant Independent Spent Fuel Storage Installation (ISFSI) in accordance with the general license provisions of 10 CFR 72.210. The conditions of 10 CFR 72.212(b)(1)(ii) include the registration of a spent fuel cask within 30 days of using a cask for storage of spent nuclear fuel. Accordingly, JAF provides the following registration information associated with four (4) HI-STORM 100 spent fuel cask systems that were recently placed into storage in the JAF ISFSI.

Cask Certificate:	72-1014
Cask Model:	HI-STORM 100S
MPC Serial Number:	221
Overpack Serial Number:	307
Number of Fuel Bundles:	68
Placed in Service:	07/14/2009

Cask Certificate:	72-1014
Cask Model:	HI-STORM 100S
MPC Serial Number:	222
Overpack Serial Number:	309
Number of Fuel Bundles:	68
Placed in Service:	07/27/2009

Cask Certificate:	72-1014
Cask Model:	HI-STORM 100S
MPC Serial Number:	255
Overpack Serial Number:	308
Number of Fuel Bundles:	68
Placed in Service:	08/23/2009

NM5501  
NM55

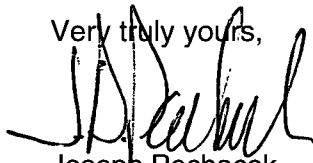
Cask Certificate:	72-1014
Cask Model:	HI-STORM 100S
MPC Serial Number:	219
Overpack Serial Number:	311
Number of Fuel Bundles:	68
Placed in Service:	09/08/2009

Total Cask Systems stored in the JAF ISFSI:      Thirteen (13) HI-STORM 100 Cask Systems

As identified by the inservice date, the notification for MPC casks 221 and 222 is not within the required 30 days. This has been addressed within the corrective action program.

This letter contains no new commitments. Should you have any questions or require further information, please contact me, at (315) 349-6766.

Very truly yours,



Joseph Pechacek  
Licensing Manager

JP/ed

cc:      see next page

cc: Director, Spent Fuel Project Office  
Office of Nuclear Material and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Mr. Samuel J. Collins  
Regional Administrator, Region I  
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