



Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, N.Y. 10511-0249  
Tel (914) 734-6700

J.E. Pollock  
Site Vice President  
Administration

September 25, 2008

Re: Indian Point Unit 1  
Docket Nos. 50-003 & 72-51  
License No. DPR-5  
NL-08-145

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: **Indian Point Energy Center Registration of Unit 1 Spent Fuel Cask Use**

Dear Sir or Madam;

Entergy Nuclear Operations, Inc. (Entergy) operates the Indian Point Energy Center (IPEC) 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, this letter hereby registers the use, on August 26, 2008, of the third IPEC Unit 1 dry fuel storage cask, of the fourth IPEC Unit 1 dry fuel storage cask on September 7, 2008, and of the fifth IPEC Unit 1 dry fuel storage cask on September 19, 2008. These casks are loaded to Amendment #4 of the Holtec CoC #1014 and the corresponding Holtec CFSAR Revision 6. These casks are the sixth, seventh, and eighth IPEC dry fuel storage casks to be added to the IPEC ISFSI pad.

This letter also provides the following registration information associated with the sixth, seventh, and eighth Holtec HI-STORM 100 spent fuel cask systems that were placed into storage on the IPEC ISFSI pad [Docket No. 72-51]. The fuel contained in these casks is from IPEC Unit 1 Nuclear Power Plant, Reactor License No. DPR-5, Docket No. 50-003.

[third Unit 1 Spent Fuel Cask]  
Sixth IPEC Spent Fuel Cask System      Date placed in use: August 26, 2008

Licensee's Name:	Entergy Operations, Inc.
Licensee's Address:	Indian Point Energy Center 450 Broadway P.O. Box 249 Buchanan, NY 10511

Cask Model Number:	HI-STORM 100
Cask Certificate Number:	1014
MPC Serial Number:	076
HI-STORM Overpack Serial Number:	0261

Number of Fuel Bundles:	32 fuel bundles
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[fourth Unit 1 Spent Fuel Cask]

Seventh IPEC Spent Fuel Cask System

Date placed in use: September 7, 2008

Licensee's Name: Entergy Operations, Inc.  
Licensee's Address: Indian Point Energy Center  
450 Broadway  
P.O. Box 249  
Buchanan, NY 10511

Cask Model Number: HI-STORM 100  
Cask Certificate Number: 1014  
MPC Serial Number: 077  
HI-STORM Overpack Serial Number: 0260

Number of Fuel Bundles: 32 fuel bundles

[fifth Unit 1 Spent Fuel Cask]

Eighth IPEC Spent Fuel Cask System

Date placed in use: September 19, 2008

Licensee's Name: Entergy Operations, Inc.  
Licensee's Address: Indian Point Energy Center  
450 Broadway  
P.O. Box 249  
Buchanan, NY 10511

Cask Model Number: HI-STORM 100  
Cask Certificate Number: 1014  
MPC Serial Number: 078  
HI-STORM Overpack Serial Number: 0263

Number of Fuel Bundles: 32 fuel bundles

**Total Cask Systems stored at the IPEC ISFSI pad [Docket No. 72-51]:**

Eight (8) HI-STORM 100 Cask System

Entergy is making no new commitments in this letter. Should you have any questions regarding this matter, please contact Mr. John Janicki, Superintendent Dry Fuels Storage, Indian Point Energy Center at (914) 734-6611.

Sincerely yours,



J. E. Pollock  
Site Vice President  
Indian Point Energy Center

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cc: NRC Resident Inspector's Office, IPEC  
Mr. John Boska, Senior Project Manager, NRC NRR DORL  
Mr. Theodore Smith, Project Manager, NRC FSME DWMEP  
Mr. Samuel Collins, Regional Administrator, NRC Region 1  
Mr. Robert Callender, Vice President of Programs, NYSERDA  
Mr. Paul Eddy, New York State Dept. of Public Service