



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

August 20, 2008

Re: Indian Point Unit 1
 Docket Nos. 50-003 & 72-51
 License No. DPR-5
 NL-08-133

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 July 21, 2008, of the first IPEC Unit 1 dry fuel storage cask, and of the second IPEC Unit 1 dry fuel storage cask on August 13, 2008. These casks are loaded to Amendment #4 of the Holtec CoC #1014 and the corresponding Holtec CFSAR Revision 6. These casks are the fourth and fifth IPEC dry fuel storage casks to be added to the IPEC ISFSI pad.

This letter also provides the following registration information associated with the fourth and fifth 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.

[First Unit 1 Spent Fuel Cask]
Fourth IPEC Spent Fuel Cask System Date placed in use: July 20, 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:	074
HI-STORM Overpack Serial Number:	0259

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

Fifth IPEC Spent Fuel Cask System

Date placed in use: August 13, 2008

Licensee's Name:
Licensee's Address:

Entergy Operations, Inc.
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: 075
HI-STORM Overpack Serial Number: 0262

Number of Fuel Bundles: 32 fuel bundles

Total Cask Systems stored at the IPEC ISFSI pad [Docket No. 72-51]:
Five (5) 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

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. Paul D. Tonko, President, NYSERDA
Mr. Paul Eddy, New York State Dept. of Public Service