Entergy

Indian Point Energy Center
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Tel (914) 734-6710

Robert Walpole
Manager Licensing

NL-11-095

August 4, 2011

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

Subject: **Indian Point Energy Center Registration of Unit 2 Spent Fuel Cask Use**
Indian Point, Unit 2
Docket Nos. 50-247 & 72-51
License No. DPR-26

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 06, 2011, of the Eleventh (11) IPEC Unit 2 dry fuel storage cask and on July 28, 2011, of the Twelfth (12) IPEC Unit 2 dry fuel storage cask. The casks were loaded to Amendment #2 of the Holtec CoC #1014 and the corresponding Holtec CFSAR Revision 4. These casks are the Sixteenth (16) and Seventeenth (17) IPEC dry fuel storage casks to be added to the IPEC ISFSI pad.

This letter also provides the following registration information associated with the Sixteenth and Seventeenth Holtec HI-STORM 100 spent fuel cask system that was placed into storage on the IPEC ISFSI pad [Docket No. 72-51]. The fuel contained in this cask is from IPEC Unit 2 Nuclear Power Plant, Reactor License No. DPR-26, Docket No. 50-247.

[Eleventh Unit 2 Spent Fuel Cask]
Sixteenth IPEC Spent Fuel Cask System Date placed in use: July 06, 2011

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:	052
HI-STORM Overpack Serial Number:	0379
Number of Fuel Bundles:	32 fuel bundles

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[Twelfth Unit 2 Spent Fuel Cask]
Seventeenth IPEC Spent Fuel Cask System Date placed in use: July 28, 2011

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:	102
HI-STORM Overpack Serial Number:	0375
Number of Fuel Bundles:	32 fuel bundles

Total Cask Systems stored at the IPEC ISFSI pad [Docket No. 72-51]:
Seventeen (17) HI-STORM 100 Cask Systems

Entergy is making no new commitments in this letter. Should you have any questions regarding this matter, please contact Mr. Timothy J. Salentino, Superintendent Dry Fuels Storage, at Indian Point Energy Center at (914) 734-6773.

Sincerely yours,

cc: NRC Resident Inspector's Office
Mr. John Boska, Senior Project Manager, NRC NRR DORL
Mr. William M. Dean, Acting Regional Administrator, NRC Region 1
Mr. Francis J. Murray, Jr., President and CEO, NYSERDA
Mr. Paul Eddy, New York State Dept. of Public Service