



Entergy Nuclear Northeast  
Indian Point Energy Center  
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Anthony J. Vitale  
Site Vice President

NL-17-081

June 27, 2017

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

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

72-1014

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)(2) include the registration of a spent fuel cask within 30 days of using a cask for the storage of spent nuclear fuel.

Accordingly, this letter hereby registers the use on May 31, 2017, of the twentieth (20<sup>th</sup>) IPEC Unit 2 dry fuel storage cask, and on June 14, 2017, of the twenty first (21<sup>st</sup>) dry fuel storage cask. These casks were loaded to Amendment 6 of the Holtec International Certificate of Conformance (CoC) #1014 and the corresponding Holtec International HI-STORM 100 Cask System Final Safety Analysis Report (FSAR) Revision 8. These casks are the thirty seventh (37<sup>th</sup>) and thirty eighth (38<sup>th</sup>) IPEC dry fuel storage casks to be added to the IPEC ISFSI pad.

This letter also provides the following registration information associated with the thirty seventh (37<sup>th</sup>) and thirty eighth (38<sup>th</sup>) HI-STORM 100 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 2 Nuclear Power Plant, Reactor License No. DPR-26, Docket No. 50-247.

[Twentieth (20<sup>th</sup>) Unit 2 Spent Fuel Cask]

Thirty seventh (37<sup>th</sup>) IPEC Spent Fuel Cask System: Date placed in use: May 31, 2017

Licensee's Name:	Entergy Nuclear 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:	376
HI-STORM Overpack Serial Number:	873

Number of Fuel Bundles:	32 fuel bundles
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NMSSZ6  
NRR  
NMSS

[Twenty first (21<sup>st</sup>) Unit 2 Spent Fuel Cask]  
Thirty eighth (38<sup>th</sup>) IPEC Spent Fuel Cask System: Date placed in use: June 14, 2017

Licensee's Name: Entergy Nuclear 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: 377  
HI-STORM Overpack Serial Number: 874

Number of Fuel Bundles: 32 fuel bundles

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

Thirty eight (38) HI-STORM 100 Cask Systems

There are no new commitments made by Entergy contained in this letter. If you have any questions, please contact Mr. Cory Patterson, Superintendent Dry Fuel Storage, at (914) 254-6770.

Sincerely,



AJV/cdm

cc: Mr. Douglas Pickett, Senior Project Manager, NRC NRR DORL  
Mr. Daniel Dorman, Regional Administrator, NRC Region 1  
NRC Resident Inspectors Office  
Mr. John B. Rhodes, President and CEO, NYSERDA  
Ms. Bridget Frymire, New York State Dept. of Public Service