



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

NL-18-005

January 18, 2018

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 Nuclear Generating Unit No. 2
Docket Nos. 50-247 and 72-51 72-1014
License Nos. 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)(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 January 08, 2018 of the Twenty Fourth (24th) IPEC Unit 2 dry fuel storage cask. The cask was loaded to Amendment 6 of the Holtec international CoC #1014 and the corresponding Holtec International HI-STORM 100 Cask System FSAR Revision 8. This cask is the Forty Second (42nd) IPEC dry fuel storage casks to be added to the IPEC ISFSI pad (24 from Unit No. 2, 13 from Unit No. 3, and 5 from Unit No. 1).

This letter also provides the following registration information associated with the Forty Second (42nd) HI-STORM 100 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.

[Twenty Fourth (24th) Unit 2 Spent Fuel Cask]
Forty Second (42nd) IPEC Spent Fuel Cask System: Date placed in use: January 08, 2018

| | |
|-------------------|--|
| Licensee name: | Entergy Nuclear Operations, Inc. |
| Licensee Address: | Indian Point Energy Center 450 Broadway PO Box 249 Buchanan, NY 10511 |

NM5526
NRR
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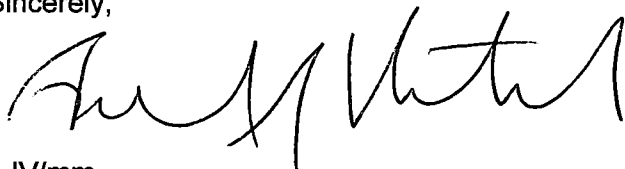
| | |
|----------------------------------|--------------|
| Cask Model Number: | HI-STORM 100 |
| Cask Certificate Number: | 1014 |
| MPC Serial Number: | 439 |
| HI-STORM Overpack Serial Number: | 977 |
| Number of Fuel Bundles: | 32 |

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

Forty second (42nd) HI-STORM 100 Cask Systems (24 from Unit No. 2, 13 from Unit No. 3, and 5 from Unit No. 1)

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

Sincerely,



AJV/mm

cc: Mr. Richard Guzman, Senior Project Manager, NRC NRR DORL
Mr. David Lew, Acting Regional Administrator, NRC Region 1
NRC Resident Inspectors Office
Ms. Alicia Barton, President and CEO, NYSERDA
Ms. Bridget Frymire, New York State Dept. of Public Service