

RS-10-104
June 15, 2010

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

Dresden Nuclear Power Station, Units 1, 2, and 3
Facility Operating License Nos. DPR-2, (Renewed) DPR-19 and DPR-25
NRC Docket Nos. 50-010, 50-237, 50-249, and 72-37

Subject: Registration of Use of Cask to Store Spent Fuel

In accordance with 10 CFR 72.212, "Conditions of general license issued under 10 CFR 72.210," paragraph (b)(1)(ii), we are registering with the NRC the use of a cask under the general license to store spent fuel at Dresden Nuclear Power Station. The initial use of the first cask listed below to store spent fuel occurred on May 26, 2010. This registration is required to be submitted with 30 days. Accordingly, this submittal is due by June 25, 2010.

The following information is provided in accordance with 10 CFR 72.212(b)(1)(ii).

Licensee Name	Exelon Generation Company, LLC
Licensee Address	6500 N. Dresden Road Morris, IL 60450
Reactor License Number	DPR-2, (Renewed) DPR-19 and DPR-25
Reactor Docket Number	50-010, 50-237, 50-249
Contact Person and Title	J. L. Hansen Manager – Licensing
Cask Certificate Number	1014, Amendment 2
Cask Model Number	HI-STORM 100

Cask Identification Numbers

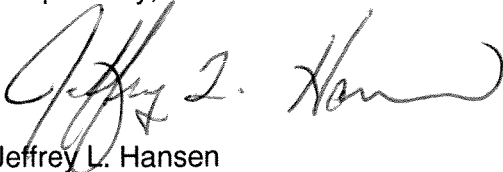
Multi-Purpose Canister Type 68 Serial No. 260
HI-STORM 100 Serial No. 389
Placed in ISFSI on May 26, 2010

Multi-Purpose Canister Type 68 Serial No. 258
HI-STORM 100 Serial No. 388
Placed in ISFSI on June 5, 2010

Multi-Purpose Canister Type 68 Serial No. 309
HI-STORM 100 Serial No. 390
Placed in ISFSI on June 13, 2010

There are no commitments contained within this letter. Should you have any questions, please contact Ms. Michelle Yun at (630) 657-3695.

Respectfully,

A handwritten signature in black ink, appearing to read "Jeffrey L. Hansen", written in a cursive style.

Jeffrey L. Hansen
Manager – Licensing