



Exelon Generation Company, LLC

Braidwood Station  
35100 South Route 53, Suite 84  
Braceville, IL 60407-9619

www.exeloncorp.com

June 22, 2016  
BW160050

10 CFR 72.212

ATTN: Document Control Desk  
Director, Division of Spent Fuel Management  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Braidwood Station, Units 1 and 2  
Renewed Facility Operating License Nos. NPF-72 and NPF-77  
NRC Docket Nos. STN 50-456 and STN 50-457  
ISFSI Docket No. 72-73

Subject: Registration of Use of Casks to Store Spent Fuel

In accordance with 10 CFR 72.212, "Conditions of general license issued under §72.210," paragraph (b)(2), Exelon Generation Company, LLC (EGC) is registering, with the NRC, the use of two casks under the general license to store spent fuel at Braidwood Station. The initial use of these casks to store spent fuel occurred on May 24, 2016 and June 10, 2016. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by June 23, 2016.

The following information is provided in accordance with 10 CFR 72.212(b)(2).

Licensee Name	Exelon Generation Company, LLC
Licensee Address	Braidwood Station 35100 S. Route 53, Suite 84 Braceville, IL 60407-9619
Reactor License Number	NPF-72 and NPF-77
Reactor Docket Number	50-456 and 50-457
Independent Spent Fuel Storage Installation Docket Number	72-73

Contact Person and Title

S. Reynolds  
Regulatory Assurance Manager

Cask Certificate Number  
Cask Model Number

1014, Amendment 9  
HI-STORM 100S, Version B

**May 24, 2016**

Cask Identification Number

Multi-Purpose Canister Type 32, Serial No. 0244  
HI-STORM 100 Serial No. 0624

**June 10, 2016**

Cask Identification Number

Multi-Purpose Canister Type 32, Serial No. 0298  
HI-STORM 100 Serial No. 0739

Should you have any questions, please contact Mr. Steven Reynolds, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,

A handwritten signature in black ink, appearing to read 'Marri Marchionda', written in a cursive style.

Marri Marchionda-Palmer  
Site Vice President  
Braidwood Station

cc: NRC Regional Administrator – Region III