



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 1014, Amendment 9
Cask Model Number 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,



Marri Marchionda-Palmer
Site Vice President
Braidwood Station

cc: NRC Regional Administrator – Region III