



Exelon Generation Company, LLC

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

www.exeloncorp.com

August 24, 2017
BW170085

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 August 1, 2017 and August 15, 2017. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by August 31, 2017.

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, Revision 1 HI-STORM 100S, Version B
Service Date Cask Identification Number	August 1, 2017 Multi-Purpose Canister Type 32, Serial No. 0299 HI-STORM 100 Serial No. 0740
Service Date Cask Identification Number	August 15, 2017 Multi-Purpose Canister Type 32, Serial No. 0300 HI-STORM 100 Serial No. 0741

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