



Exelon Generation Company, LLC

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

www.exeloncorp.com

October 24, 2017  
BW170102

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 this cask under the general license to store spent fuel at Braidwood Station. The initial use of this cask to store spent fuel occurred on September 26, 2017. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by October 26, 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

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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	<b>September 26, 2017</b> Multi-Purpose Canister Type 32, Serial No. 0303 HI-STORM 100 Serial No. 0744

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