

**10 CFR 72.212**

RS-12-110

June 28, 2012

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

Byron Station, Units 1 and 2  
Facility Operating License Nos. NPF-37 and NPF-66  
NRC Docket Nos. STN 50-454, STN 50-455, and 72-68

Subject: Registration of Use of Cask 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 three casks under the general license to store spent fuel at Byron Station. The initial use of these casks to store spent fuel occurred on June 6, 2012, June 18, 2012, and June 26, 2012. This registration is required to be submitted within 30 days.

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

Licensee Name	Exelon Generation Company, LLC
Licensee Address	Byron Station 4450 North German Church Road Byron, IL 61010
Reactor License Number	NPF-37 and NPF-66
Reactor Docket Number	50-454 and 50-455
Independent Spent Fuel Storage Installation Docket Number	72-68

Contact Person and Title	D. M. Gullott Manager - Licensing
Cask Certificate Number Cask Model Number	1014, Amendment 7 HI-STORM 100S
<b>June 6, 2012</b> Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0185 HI-STORM 100 Serial No. 0538
<b>June 18, 2012</b> Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0182 HI-STORM 100 Serial No. 0539
<b>June 26, 2012</b> Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0118 HI-STORM 100 Serial No. 0381

Should you have any questions, please contact Mr. John L. Schrage at (630) 657-2821.

Respectfully,



David M. Gullott  
Manager - Licensing

cc: NRC Regional Administrator - Region III