



Byron Generating Station

4450 North German Church Rd  
Byron, IL 61010-9794

[www.exeloncorp.com](http://www.exeloncorp.com)

10 CFR 72.212

May 18, 2018

LTR: BYRON 2018-0050

File: 1.10.0101 (5F.104)

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  
Renewed 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 10 CFR 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 Byron Station. The initial use of these casks to store spent fuel occurred on April 27, 2018 and May 11, 2018. 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 Generating Station<br>4450 North German Church Road<br>Byron, IL 61010 |
| Reactor License Number                                       | NPF-37 and NPF-66  |
| Reactor Docket Number  | 50-454 and 50-455  |
| Independent Spent Fuel Storage<br>Installation Docket Number | 72-68  |
| Contact Person and Title                                     | Douglas Spitzer<br>Regulatory Assurance Manager                              |

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Cask Certificate Number  
Cask Model Number

1014, Amendment 9, Revision No. 1  
HI-STORM 100S Version B (218)

April 27, 2018  
Cask Identification Number

Multi-Purpose Canister Type 32, Serial No. 411  
HI-STORM 100S Version B (218) Serial No. 851

May 11, 2018  
Cask Identification Number

Multi-Purpose Canister Type 32, Serial No. 498  
HI-STORM 100S Version B (218) Serial No. 1089

Should you have any questions concerning this matter, please contact Mr. Douglas Spitzer,  
Regulatory Assurance Manager, at (815) 406-2800.

Respectfully,



Mark E. Kanavos  
Site Vice President  
Byron Generating Station

MEK/GC/rm

cc: NRC Regional Administrator – Region III