

SVP-16-057

August 9, 2016

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

Quad Cities Nuclear Power Station, Units 1, 2  
Renewed Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254, 50-265, and 72-53 72-1014

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 Quad Cities Nuclear Power Station. These casks were placed into service with stored spent fuel on July 19, 2016 and August 1, 2016 respectively. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by August 18, 2016.

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

|                                                              |                                                                                                     |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Licensee Name                                                | Exelon Generation Company, LLC                                                                      |
| Licensee Address                                             | Quad Cities Nuclear Power Station<br>22710 206 <sup>th</sup> Avenue North<br>Cordova, IL 61242-9740 |
| Reactor License Number                                       | DPR-29 and DPR-30                                                                                   |
| Reactor Docket Number                                        | 50-254, and 50-265                                                                                  |
| Independent Spent Fuel Storage<br>Installation Docket Number | 72-53                                                                                               |
| Contact Person and Title                                     | Wally Beck<br>Manager - Regulatory Assurance                                                        |
| Cask Certificate Number                                      | 1014, Amendment 8, Revision 1                                                                       |
| Cask Model Number                                            | HI-STORM 100S                                                                                       |

NM5524  
NM5526

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**Service Date**  
**Cask Identification Number**

**July 19, 2016**  
**Multi-Purpose Canister Type 68M, Serial No. 404**  
**HI-STORM 100S Serial No. 673**


**Service Date**  
**Cask Identification Number**

**August 1, 2016**  
**Multi-Purpose Canister Type 68M, Serial No. 406**  
**HI-STORM 100S Serial No. 671**

There are no regulatory commitments contained within this letter.

Should you have any questions, please contact Mr. Wally Beck at (309) 227-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "Wally Beck", written in a cursive style.

**Wally Beck**  
**Manager – Regulatory Assurance**

cc: NRC Regional Administrator - Region III