

10 CFR 72.212

RS-13-143

May 29, 2013

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

Braidwood Station, Units 1 and 2
Facility Operating License Nos. NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 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 Subpart K," 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 May 6, 2013 and May 20, 2013, respectively. This registration is required to be submitted within 30 days.

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

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|--|---|
| 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 | P. R. Simpson Manager - Licensing |
| Cask Certificate Number Cask Model Number | 1014, Amendment 3 HI-STORM 100S, Version B |
| May 6, 2013 Cask Identification Number | Multi-Purpose Canister Type 32, Serial No. 0150 HI-STORM 100 Serial No. 0457 |
| May 20, 2013 Cask Identification Number | Multi-Purpose Canister Type 32, Serial No. 0151 HI-STORM 100 Serial No. 0458 |

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

Respectfully,



Patrick R. Simpson
Manager - Licensing

cc: NRC Regional Administrator - Region III