

10 CFR 72.212

RS-16-158

August 4, 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

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: Implementation of CoC No. 1014, Amendment No. 9, Revision No. 1 to
Previously Loaded Casks

- References:
1. Letter from F. A. Kearney (Exelon Generation Company, LLC) to U. S. NRC, "Registration of Use of Cask to Store Spent Fuel," dated April 23, 2015
 2. Letter from F. A. Kearney (Exelon Generation Company, LLC) to U. S. NRC, "Registration of Use of Cask to Store Spent Fuel," dated May 21, 2015
 3. Letter from F. A. Kearney (Exelon Generation Company, LLC) to U. S. NRC, "Registration of Use of Cask to Store Spent Fuel," dated June 18, 2015
 4. Letter from J. M. Goshen (U. S. NRC) to K. Manzione (Holtec International), "Certificate of Compliance No. 1014, Amendment No. 9, Revision 1 for the HI-STORM 100 Cask System (TAC No. L24935)," dated March 21, 2016

In References 1, 2, and 3, Exelon Generation Company, LLC (EGC) registered the use of six casks under the general license to store spent fuel at Byron Generating Station (Byron), as required by 10 CFR 72.212, "Conditions of general license issued under §72.210," paragraph (b)(2). These casks were loaded and processed in accordance with Certificate of Compliance (CoC) No. 1014, Amendment No. 9.

In the Reference 4 letter, the U. S. Nuclear Regulatory Commission (NRC) transmitted CoC No. 1014, Amendment No. 9, Revision No. 1, including Appendices A and B (i.e., "Technical Specifications" and "Approved Contents and Design Features," respectively), and the associated NRC Safety Evaluation Report (SER) to Holtec International (i.e., the cask vendor and CoC Holder).

As stated in Reference 4, Revision No. 1 to CoC No. 1014, Amendment No. 9 supersedes CoC No. 1014, Amendment No. 9. In Reference 4, the NRC also indicated that Holtec and general licensed users of CoC No. 1014, Amendment No. 9 should incorporate changes or perform applicable site evaluations due to Revision No. 1 in accordance with 10 CFR 72.212 no later than 180 days from March 21, 2016.

On July 18, 2016, EGC completed the evaluations necessary to implement CoC No. 1014, Amendment No. 9, Revision No. 1 for six previously loaded casks at the Byron independent spent fuel storage installation (ISFSI). As required by 10 CFR 72.212(4) EGC is registering the implementation of CoC No. 1014, Amendment No. 9, Revision No. 1 for six casks that were previously loaded to CoC No. 1014, Amendment No. 9 at the Byron ISFSI. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by August 17, 2016.

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 4450 North German Church Road Byron, IL 61010
Reactor License Numbers	NPF-37, NPF-66
Reactor Docket Number	50-454, and 50-455
ISFSI Docket Number	72-68
Contact Person and Title	Patrick R. Simpson, Licensing Manager
Cask Certificate Number	1014, Amendment No. 9, Revision No. 1
Cask Model Number	HI-STORM 100S, Version B(218)

**Amendment 9, Revision 1
Implementation Date**

July 18, 2016

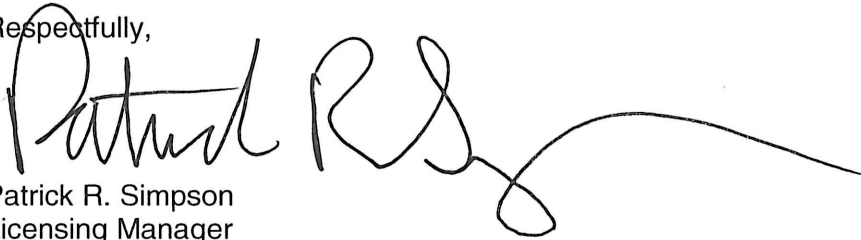
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0119 HI-STORM 100S, Version B (218), Serial No. 0383
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0117 HI-STORM 100S, Version B (218), Serial No. 0384
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0091 HI-STORM 100S, Version B (218), Serial No. 0295

Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0087 HI-STORM 100S, Version B (218), Serial No. 0294
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0266 HI-STORM 100S, Version B (218), Serial No. 0684
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 0268 HI-STORM 100S, Version B (218), Serial No. 0686

There are no regulatory commitments contained within this letter.

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

Respectfully,

A handwritten signature in black ink, appearing to read "Patrick R. Simpson", followed by a long, sweeping horizontal line that extends to the right.

Patrick R. Simpson
Licensing Manager

cc: NRC Regional Administrator - Region III