



Constellation Energy Generation, LLC (CEG)
Byron Station
4450 N. German Church Road
Byron, IL 61010-9794

www.constellationenergy.com

10 CFR 72.212

September 15, 2022

LTR: BYRON 2022-0059
File: 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), Constellation Energy Generation, LLC (CEG) 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 August 19, 2022, August 25, 2022, and August 31, 2022. 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	Constellation Energy Generation, LLC
Licensee Address	Byron Generating Station 4450 North German Church Road Byron, IL 61010
Reactor License Number	NPF-37 and NPF-66
Reactor Docket Number	STN 50-454 and STN 50-455
Independent Spent Fuel Storage Installation Docket Number	72-68
Contact Person and Title	Zoe Cox Regulatory Assurance Manager

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LTR: BYRON 2022-0059

U.S. Nuclear Regulatory Commission

Page 2

Cask Certificate Number	1014, Amendment 9, Revision No. 1
Cask Model Number	HI-STORM 100S Version B (218)
August 19, 2022	
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 646 HI-STORM 100S Version B (218) Serial No. 1331
August 25, 2022	
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 647 HI-STORM 100S Version B (218) Serial No. 1405
August 31, 2022	
Cask Identification Number	Multi-Purpose Canister Type 32, Serial No. 670 HI-STORM 100S Version B (218) Serial No. 1406

Should you have any questions concerning this matter, please contact Ms. Zoe Cox, Regulatory Assurance Manager, at (815) 406-2800.

Respectfully,



Harris Welt
Site Vice President
Byron Station

HW/ZC/hh

cc: NRC Regional Administrator – Region III