



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2056 WESTINGS AVENUE, SUITE 400  
NAPERVILLE, IL 60563-2657

December 21, 2024

David Rhoades  
Senior Vice President  
Constellation Energy Generation, LLC  
President and Chief Nuclear Officer (CNO)  
Constellation Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BYRON STATION – SECURITY BASELINE INSPECTION REPORT  
05000454/2024402 AND 05000455/2024402

Dear David Rhoades:

On November 19, 2024, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Byron Station and discussed the results of this inspection with Drew Bush, Senior Manager Site Security and other members of your staff. The results of this inspection are documented in the enclosed report.

One finding of very low security significance (Green) is documented in this report. This finding involved a violation of NRC requirements. We are treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or the significance or severity of the violation documented in this inspection report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; the Director, Office of Enforcement; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Byron Station.

The following cross cutting aspect was assigned to a finding using Inspection Manual Chapter 0310 "Aspects Within Cross Cutting Areas:" [H.12] - Avoid Complacency.

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D. Rhoades

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If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Byron Station.

This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

The enclosed report contains Security-Related Information, so the enclosed report will not be made publicly available in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information–Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,



Signed by Ziolkowski, Michael  
on 12/21/24

Michael E. Ziolkowski, Chief  
Security, Emergency Preparedness, and Incident  
Response Branch  
Division of Radiological Safety and Security

Docket Nos. 05000454 and 05000455  
License Nos. NPF-37 and NPF-66

Enclosure:  
As stated

cc: D. Bush,  
Senior Security Manager

cc w/o encl: Distribution via LISTSERV®

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D. Rhoades

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Letter to D. Rhoades from M. Ziolkowski dated December 21 2024.

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05000454/2024402 AND 05000455/2024402

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