



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE RD, STE 102  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 11, 2024

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

**SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 – SECURITY  
BASELINE INSPECTION REPORT 05000277/2023402 AND 05000278/2023402  
AND INDEPENDENT SPENT FUEL STORAGE INSTALLATION SECURITY  
INSPECTION 07200029/2023401**

Dear David Rhoades:

On December 14, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Peach Bottom Atomic Power Station, Units 2 and 3 and discussed the results of this inspection with Ryan Stiltner, Plant Manager, 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 I; the Director, Office of Enforcement; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Peach Bottom Atomic Power Station, Units 2 and 3.

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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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 I; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Peach Bottom Atomic Power Station, Units 2 and 3.

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,

Daniel L. Schroeder, Chief  
Security, Emergency Preparedness and Incident  
Response Branch  
Division of Radiological Safety and Security

Docket Nos. 05000277, 05000278,  
and 07200029  
License Nos. DPR-44 and DPR-56

Enclosure:  
As stated

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D. Shearer, Director, Bureau of Radiation  
Protection, PA Department of Environmental  
Protection  
B. Fuller, Bureau of Radiation Protection,  
PA Department of Environmental Protection  
R. Moye, Manager Site Security  
S. Volmer, Manager Site Security Operations

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SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 – SECURITY BASELINE INSPECTION REPORT 05000277/2023402 AND 05000278/2023402 AND INDEPENDENT SPENT FUEL STORAGE INSTALLATION INSPECTION 07200029/2023401 DATED JANUARY 11, 2024

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**Non-Public Designation Category: MD 3.4 Non-Public A.3**

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ADAMS ACCESSION NUMBER: ML24010A124 (Cover letter)

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