



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

January 12, 2024

EA-23-060

Linwood Faulk  
Director, Nuclear Plant Security  
Duke Energy Progress, LLC  
5413 Shearon Harris Road  
Mail Code HNP01  
New Hill, NC 27562-9300

**SUBJECT: SHEARON HARRIS NUCLEAR PLANT – 95001 SUPPLEMENTAL  
INSPECTION REPORT 05000400/2023442 AND  
FOLLOW-UP ASSESSMENT LETTER**

Dear Linwood Faulk:

On December 7, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed a supplemental inspection and discussed the results of this inspection and the implementation of your corrective actions with Mr. T. Haaf and other members of the staff. The results of this inspection are documented in the enclosed report.

On October 31, 2023, you informed the NRC that your station was ready for the supplemental inspection.

The NRC determined that your staff's evaluation identified the cause of the Greater than Green finding. We determined that the root cause evaluation was documented at a sufficient level of detail, included relevant operating experience, and identified the root causes, extent of conditions, and extent of causes of the performance issue. Based on the results of the inspection, the inspectors concluded the objectives of the inspection procedure were met.

The NRC determined that completed or planned corrective actions were sufficient to address the performance issue that led to the Greater than Green Finding. The finding is considered closed and will no longer be considered an Action Matrix item as of December 7, 2023. Based on the results of this inspection and our Action Matrix assessment, the NRC has determined that Shearon Harris Nuclear Plant, Unit 1, transitioned to the Licensee Response Column (Column 1) as of December 7, 2023.

No findings or violations of more than minor significance were identified during this inspection.

**OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION**


L. Faulk

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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 Worosilo, Jannette  
on 01/12/24

Jannette G. Worosilo, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket No. 05000400  
License No. NPF-63

Enclosure:  
As stated

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