



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

August 6, 2024

James Barstow  
Vice President, Nuclear Regulatory Affairs  
and Support Services  
Tennessee Valley Authority  
1101 Market Street  
LP 4A-C  
Chattanooga, TN 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT – SECURITY BASELINE INSPECTION  
REPORT 05000259/2024402 AND 05000260/2024402 AND 05000296/2024402

Dear James Barstow:

On July 11, 2024, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Browns Ferry Nuclear Plant and discussed the results of this inspection with Daniel Komm and other members of your staff. The results of this inspection are documented in the enclosed report.

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

This letter, its enclosure, and your response (if any) 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."

Sincerely,

A handwritten signature in black ink, appearing to read "Randy Patterson".

Patterson, Randy signing on behalf  
of Worosilo, Jannette  
on 08/06/24

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

Docket Nos. 05000259 and 05000260 and 05000296  
License Nos. DPR-33 and DPR-52 and DPR-68

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: BROWNS FERRY NUCLEAR PLANT – SECURITY BASELINE INSPECTION  
 REPORT 05000259/2024402 AND 05000260/2024402 AND 05000296/2024402  
 DATED AUGUST 6, 2024

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NAME	J. Tornow	D. Egelstad	R. Patterson	J. Wallo	J. Worosilo
DATE	8/1/2024	8/6/2024	8/2/2024	8/1/2024	8/6/2024

**OFFICIAL RECORD COPY**

**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Numbers: 05000259, 05000260 and 05000296

License Numbers: DPR-33, DPR-52 and DPR-68

Report Numbers: 05000259/2024402, 05000260/2024402 and 05000296/2024402

Enterprise Identifier: I-2024-402-0025

Licensee: Tennessee Valley Authority

Facility: Browns Ferry Nuclear Plant

Location: Athens, AL

Inspection Dates: July 08, 2024, to July 11, 2024

Inspectors: D. Egelstad, Physical Security Inspector (training)  
R. Patterson, Senior Physical Security Inspector  
J. Tornow, Physical Security Inspector  
J. Wallo, Senior Physical Security Inspector

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

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Browns Ferry Nuclear Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

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

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

## **SAFEGUARDS**

### 71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

#### Protective Strategy Evaluation (2 Samples)

- (1) Tier I: All Requirements  
Tier II: 02.05 a, 02.06 a, d, e, h, i, j, k, l, m, n, 02.07 a, b, c  
Tier III: 02.08, 02.09 a, b and 02.10 a
- (2) Observed a licensee-conducted Force-on-Force exercise.

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On July 11, 2024, the inspectors presented the security baseline inspection results to Daniel Komm and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71130.05	Corrective Action Documents	1782112			
		1875225			
		1937135			
		1937793			
		1937795			
		1937799			
		1937800			
		1937802			
	Miscellaneous	Adversary Timeline to 230 Airlock White paper Analysis			May 5, 2022
		Timeline Drills/Justification for Post 31			December 16, 2022
	Procedures	HSDP-27.3	TVA Nuclear Composite Adversary Force		Revision 2
		LP-SEC-ADV-001	Tactical Communications		Revision 1
		LP-SEC-ADV-002	Rural/Urban Movement		Revision 1
		LP-SEC-ADV-003	Close Quarters Battle (CQB)		Revision 1
		LP-SEC-ADV-004	Marksmanship		Revision 1
		LP-SEC-ADV-005	Barrier Breaching		Revision 1
		LP-SEC-ADV-006	Physical Fitness Test		Revision 1
		LP-SEC-ADV-007	Adversary Operations Planning		Revision 1
		LP-SEC-ANN-001	TVA Controller Training		Revision 4
NPG-SPP-14.6		Safety/Security Interface		Rev. 9	
NSDP-27		Conduct of Security Drills and Exercises/Performance Evaluation Program		Rev. 27	