



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

January 19, 2022

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

SUBJECT: BROWNS FERRY NUCLEAR PLANT – NRC INSPECTION REPORT  
05000259/2021403, 05000260/2021403 AND 05000296/2021403

Dear Mr. Barstow:

On December 17, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Browns Ferry Nuclear Plant and discussed the results of this inspection with Joe Quinn 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,

**/RA/**

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

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

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

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

Docket Numbers: 05000259, 05000260 and 05000296

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

Report Numbers: 05000259/2021403, 05000260/2021403 and 05000296/2021403

Enterprise Identifier: I-2021-403-0032

Licensee: Tennessee Valley Authority

Facility: Browns Ferry Nuclear Plant

Location: Athens, AL 35611

Inspection Dates: December 13-17, 2021

Inspectors: 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 NRC 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

Type	Issue Number	Title	Report Section	Status
NOV	05000259,05000260,05000296/2020404-01	Failure to Complete a Fatigue Assessment and Report a Fitness for Duty Event	92702	Closed

## **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.

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

### PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

The inspectors verified licensee performance indicators submittals listed below:

- (1) Unit 1 December 2020 through December 2021
- Unit 2 December 2020 through December 2021
- Unit 3 December 2020 through December 2021

## **OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL**

### 92702 - Follow-Up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders

The inspectors conducted a follow-up inspection of Tennessee Valley Authority (TVA) response to a Notice of Violation (NOV) EA-20-048 issued on January 21, 2021.

### Follow-Up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders (1 Sample)

- (1) The inspectors conducted a follow-up inspection of TVA's response to a NOV EA-20-048 issued on January 21, 2021. The inspectors evaluated the corrective actions that were implemented by TVA to determine whether they were adequate to address the identified deficiencies and to prevent recurrence. The inspectors concluded that TVA's corrective actions were both timely and appropriate. Base on the results of this review, no additional NRC actions are necessary, and violation 05000259,05000260,05000296/2020404-01 is closed.

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On December 17, 2021, the inspectors presented the NRC inspection results to Joe Quinn and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71151	Miscellaneous		Licensee Security Performance Indicator Records	December 2020-December 2021
92702	Corrective Action Documents	1564940	Licenssee Event Assessment	
	Miscellaneous		Various Licensee Emplyee Training Records	
		LMS 50008440	Fatigue Assessment Training	
	Procedures	NPG-SPP-03.21	Nuclear Fatigue Management Program	Revision 26
		NPG-SPP-14.1	Fitness for Duty and Fatigue Management	Revision 16
		NPG-SPP-22.300	Corrective Action Program	Revision 22