



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

March 12, 2019

Mr. Joseph W. Shea  
Vice President, Nuclear Regulatory Affairs  
and Support Services Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 4A  
Chattanooga, TN 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 – U.S. NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
05000259/2019410, 05000260/2019410 AND 05000296/2019410

Dear Mr. Shea:

On February 14, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Browns Ferry Nuclear Plant, Units 1, 2, and 3 and discussed the results of this inspection with Mr. S. Sovizral, and other members of the Browns Ferry Nuclear Plant staff. The results of this inspection are documented in the enclosed report.

No NRC-Identified or self-revealing findings were identified during the inspection.

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

Sincerely,

**/RA/**

Binoy Desai, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos: 50-259, 50-260 and 50-296  
License Nos: DPR-33, DPR-52 and DPR-68

Enclosure:  
NRC IR 05000259/2019410, 260/2019410  
and 296/2019410

cc:

Mr. Glen E. Pry  
General Manager, Site Operations  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
P.O. Box 2000  
NAB 1A-BFN  
Decatur, AL 35609

Mr. Werner K. Paulhardt  
Plant Manager, Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
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POB 2C-BFN  
Decatur, AL 35609

Mr. James A. Kent  
Director, Plant Support  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
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NAB 1A-BFN  
Decatur, AL 35609

Mr. C. E. Glover  
Director, Nuclear Security (temp)  
Tennessee Valley Authority  
1101 Market Street, LP 1A  
Chattanooga, TN 37402-2801

Mr. Steve Sovizral  
Senior Manager, Site Security  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
P.O. Box 2000  
PAB 2G-BFN  
Athens, AL 35609

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3 – U.S. NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
05000259/2019410, 05000260/2019410 AND 05000296/2019410 dated  
March 12, 2019

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ADAMS: ☒ Yes      ACCESSION NUMBER: **ML 19072A032**      ☒ SUNSI REVIEW COMPLETE      ☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB	RII:DRS/PSB	RII:DRS/PSB	RII:DRP/BR5	RII:DRS/PSB	
SIGNATURE	JXJ5	JHW2	BBD	ORL	BBD	
NAME	J. Justice	J. Wallo	B. Desai	O. López-Santiago	B. Desai	
DATE	3/ 11 /2019	3/ 11 /2019	3/ 11 /2019	3/ 12 /2019	3/ 12 /2019	
E-MAIL COPY	YES NO	YES NO	YES NO	YES NO	YES NO	

OFFICIAL RECORD COPY\*\*\*\*\*DOCUMENT NAME: G:\DRSII\PSBII\REACTORS\BROWNS  
FERRY\Reports\2019\Browns Ferry Insp Report 2019-410.docx

**U.S. NUCLEAR REGULATORY COMMISSION**

**Inspection Report**

Docket Nos: 05000259, 260, and 296

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

Report Numbers: 05000259/2019410, 260/2019410 and 296/2019410

Enterprise Identifier: I-2019-410-0013

Licensee: Tennessee Valley Authority (TVA)

Facility: Browns Ferry Nuclear Station, Units 1, 2, and 3

Location: Athens, Alabama

Dates: February 11 – 14, 2019

Inspectors: Jon Wallo, Senior Physical Security Inspector  
Jared Justice, Physical Security Inspector

Approved by: Binoy Desai, 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 Baseline Security 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. NRC and self-revealed findings, violations, and additional items are summarized in the table below.

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

No findings were identified.

## **INSPECTION SCOPE**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. 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**

### 71130.02 – Access Control (1 Sample)

The inspectors evaluated the security access control program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I:	all 19 requirements
Tier II:	10 Requirements 02.06 (a, b, c) 02.08 (a, b, c, e, f, g, h)
Tier III:	1 Requirement 02.09(a)

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below for the period from January 1, 2018, through February 14, 2019. The following elements were evaluated from this IP dated January 1, 2017.

Protected Area Security Equipment Performance Index

## **EXIT MEETINGS AND DEBRIEFS**

On February 14, 2019, the inspectors presented the Baseline Security Inspection results to Mr. S. Sovizral and other members of the licensee staff.

**LIST OF DOCUMENTS REVIEWED****PROCEDURES**

MMTP-102, Erection of Scaffolds/Temporary Work Platforms and Ladders, Rev 17  
NPG-SPP-14.3, Security Information Control Program, Rev 16  
NPG-SPP-14.6, Safety/Security Interface, Rev 7  
NSPD-29, Tracking and Trending of NRC Performance Indicators, Rev 9  
NSDP-4, Security Organization, Expectations, and Standards, Rev 20  
NSDP-44.2, Security Task Performance Evaluation, Rev 2  
SSI-7.1, Central and Secondary Alarm Stations, Rev 30  
SSI-7.5, Interior Foot Patrol, Rev 17  
SSI-7.6, Personnel Access Control, Rev 31  
SSI-7.7 Vehicle Access Control, Rev 7  
Various Key and Lock Accountability Records  
Various Visitor Access Records  
Various Fatigue Assessments  
Various Post and Communication Check Records  
Various Security Drill Records  
Various Work Hours Schedules and Records

**CONDITION REPORTS**

1477311  
1490636  
1295932  
1275801  
1302472  
1490465  
1490404  
WO 118617633  
WO 118861051