



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

April 11, 2018

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: SEQUOYAH NUCLEAR PLANT, UNITS 1, AND 2 – U.S. NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
05000327/2018410 AND 05000328/2018410**

Dear Mr. Shea:

On March 8, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Sequoyah Nuclear Plant Units 1 and 2, and discussed the results of this inspection with Mr. B. Brigman and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

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: 50-327 and 50-328  
License Nos: DPR-77 and DPR-79

Enclosure:  
NRC IR 05000327/2018410  
and 05000328/2018410  
w/Attachment: Supplemental Information

cc: (See page 2)

cc:

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SUBJECT: SEQUOYAH NUCLEAR PLANT – NRC SECURITY INSPECTION REPORT  
05000327/2018410 AND 05000328/2018410 dated April 11, 2018

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PUBLICLY AVAILABLE     NON-PUBLICLY AVAILABLE     SENSITIVE     NON-SENSITIVE  
ADAMS:  Yes    ACCESSION NUMBER: ML 18101A132     SUNSI REVIEW COMPLETE     FORM 665 ATTACHED

OFFICE	RII:DRS/PSB	RII:DRS/PSB	RII:DRP/BR6	RII:DRS/PSB		
SIGNATURE	JDG4	BBD	FJE for ADM2	BBD		
NAME	D. Golden	B. Desai	A. Masters	B. Desai		
DATE	04/ 4 /2018	04/ 4 /2018	04/ 4 /2018	04/ 4 /2018		
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**U.S. NUCLEAR REGULATORY COMMISSION**

**REGION II**

Docket Numbers: 50-327 and 50-328

License Numbers: DPR-77 and DPR-79

Report Numbers: 05000327/2018410 and 328/2018410

Enterprise Identifier: I-2018-410-0009

Licensee: Tennessee Valley Authority (TVA)

Facility: Sequoyah Nuclear Plant, Units 1 and 2

Location: Soddy-Daisy, TN

Dates: March 5 – 8, 2018

Inspectors: David Golden, 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 Sequoyah Nuclear Plant, Units 1 and 2, 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.

### **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. 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.

## REPORT DETAILS

### 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, 2017.

Tier I: all 19 requirements.  
Tier II: 7 Requirements 02.05 (a-d); 02.07 (b, d, e).  
Tier III: 1 Requirement 02.08.

### OTHER ACTIVITIES – BASELINE

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

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

(1) Protected Area Security Equipment Performance Index

### EXIT MEETINGS AND DEBRIEFS

On March 8, 2018, the inspector presented the Baseline Security Inspection results to Mr. B. Brigman and other members of the licensee staff.

## **LIST OF DOCUMENTS REVIEWED**

### **PROCEDURES**

NSDP-8, Keys and Locks, Revision 08

SQN-SSI-7.7, Vehicle Access Control, Revision 41

SQN-SSI-7.6, Personnel Access Control, Revision 40

NSDP-29, Tracking and Trending and NRC Performance Indicators, Revision 09

NSDP-1, Safeguards Event Reporting Guidelines, Revision 14

### **CONDITION REPORTS**

1380176                      1307700

1369564                      1274682

1383679                      1272816

1339102                      1270840

1307655                      1369567