

~~Security Related Information Withhold Under 10 CFR 2.390~~  
~~This letter is decontrolled when separated from Enclosure 2~~



Tennessee Valley Authority, Sequoyah Nuclear Plant, P.O. Box 2000, Soddy Daisy, Tennessee 37384

November 28, 2017

10 CFR 50.4  
10 CFR 50.71(e)

ATTN: Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Sequoyah Nuclear Plant, Units 1 and 2  
Renewed Facility Operating License Nos. DPR-77 and DPR-79  
NRC Docket Nos. 50-327 and 50-328

**Subject: Updated Final Safety Analysis Report Amendment 27**

Consistent with the requirements of 10 CFR 50.4(b)(6) and 10 CFR 50.71(e), enclosed for Sequoyah Nuclear Plant (SQN) Units 1 and 2, are two compact discs (CD-ROM) that contain Amendment 27 of the Updated Final Safety Analysis Report (UFSAR).

The Tennessee Valley Authority (TVA) has marked this Amendment for redaction as indicated by Regulatory Issue Summary 2015-17, "Review and Submission of updates to Final Safety Analysis Reports, Emergency Preparedness Documents, and Fire Protection Documents," dated December 23, 2015, using the criteria provided by the NRC in SECY-04-191.

Enclosure 1 to this letter is a copy redacted according to the marking for Nuclear Regulatory Commission (NRC) Public Use. Enclosure 2 provides the Non-Public Use version, which is marked, but not redacted. TVA has marked the information as "Security-Related Information - Withhold Under 10 CFR 2.390."

Internally to TVA, access to the UFSAR is not restricted.

This letter certifies that the information provided in the enclosed Amendment 27 accurately reflects the information and analyses from changes made since the issuance of the previous Amendment 26 on June 10, 2016.

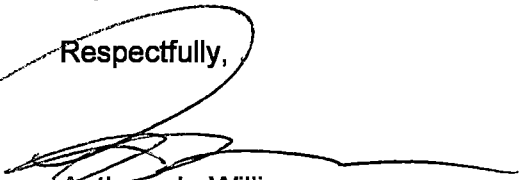
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There are no new regulatory commitments contained in this letter. If you have any questions concerning this submittal, please call Michael McBrearty at (423) 843-7170.

I declare under penalty of perjury that the foregoing is true and correct. Executed on this 28<sup>th</sup> day of November 2017.

Respectfully,



Anthony L. Williams  
Site Vice President  
Sequoyah Nuclear Plant

Enclosures:

1. Redacted Updated Final Safety Analysis Report - Amendment 27 (Public Use Only)
2. Updated Final Safety Analysis Report - Amendment 27 (Non-Public Use)

cc (w/o Enclosures):

NRC Regional Administrator – Region II  
NRC Senior Resident Inspector – Sequoyah Nuclear Plant  
NRC Project Manager – Sequoyah Nuclear Plant

AREVA Nuclear Power, Inc.  
Attn: Mr. Joshua L. Parker  
3315 Old Forest Road OF-11  
Lynchburg, Virginia 24501

**ENCLOSURE 1**

**SEQUOYAH NUCLEAR PLANT  
REDACTED UPDATED FINAL SAFETY ANALYSIS REPORT AMENDMENT 27  
(PUBLIC USE ONLY)  
(PROVIDED ON ENCLOSED COMPACT DISC)**