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

July 14, 2010

Mr. R. M. Krich  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
3R Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

SUBJECT: SEQUOYAH NUCLEAR PLANT - NRC MATERIAL CONTROL AND  
ACCOUNTING INSPECTION REPORT 05000327/2010403 AND  
05000328/2010403

Dear Mr. Krich:

On April 30, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a material control and accounting inspection at your Sequoyah Nuclear Plant, Units 1 and 2. The enclosed inspection report documents the inspection results, which were discussed on July 7, 2010, with Mr. Chris Church and other members of your staff.

This inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable

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response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response “Security-Related Information-Withhold Under 10 CFR 2.390” and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Should you have any questions concerning this letter, please contact us.

Sincerely,

*/RA/*

Eugene F. Guthrie, Chief  
Reactor Projects Branch 6  
Division of Reactor Projects

Docket No.: 50-327, 50-328  
License No.: DPR-77, DPR-79

Enclosure: NRC Material Control and Accounting Inspection Report 05000327/2010403  
and 05000328/2010403  
w/Attachment: Supplemental Information

cc w/encl.: (See page 3)

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Letter to R. M. Krich from Eugene Guthrie dated July 14, 2010

SUBJECT: SEQUOYAH NUCLEAR PLANT - NRC MATERIAL CONTROL AND  
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05000328/2010403

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