



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

April 30, 2013

10 CFR 50.4

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

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

Subject: 2012 Annual Radioactive Effluent Release Report

Enclosed is the Annual Radioactive Effluent Release Report (ARERR) for the period of January 1 to December 31, 2012. This report (Enclosure 1) is being submitted in accordance with the respective Sequoyah Nuclear Plant (SQN), Units 1 and 2, Technical Specification (TS) 6.9.1.8.

The Offsite Dose Calculation Manual (ODCM), Section 5.2 requires that a Radiological Impact Assessment be submitted with the ARERR for the same reporting period. The assessment is included as Enclosure 2. In addition, in accordance with the respective SQN, Units 1 and 2, TS 6.14.1.3, a complete copy of the ODCM (Enclosure 3) is submitted with marked revisions implemented during calendar year 2012.

There are no new regulatory commitments in this letter. If you have any questions concerning this matter, please telephone Mike McBrearty at (423) 843-7170.

Respectfully,

J. W. Shea
Vice President, Nuclear Licensing

Enclosures:

1. Annual Radioactive Effluent Release Report, Sequoyah Nuclear Plant, January - December 2012
2. Radiological Impact Assessment Report, Sequoyah Nuclear Plant, January - December 2012
3. Offsite Dose Calculation Manual, Sequoyah Nuclear Plant, Revisions 57 and 58

cc: See Page 3

A009
IE48
NRE

U.S. Nuclear Regulatory Commission
Page 2
April 30, 2013

Enclosures
cc (Enclosures):

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