



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

April 27, 2006

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

10 CFR 72.44

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket Nos. 50-327
50-328

**SEQUOYAH NUCLEAR PLANT - 2005 ANNUAL RADIOACTIVE EFFLUENT
RELEASE REPORT (ARERR)**

Enclosed is the ARERR for the period of January 1 to December 31, 2005. This report (Enclosure 1) is being submitted in accordance with Sequoyah Technical Specification (TS) 6.9.1.8 and 10 CFR 72.44(d)(3).

The Offsite Dose Calculation Manual requires that a Radiological Impact Assessment be submitted for the same reporting period. The assessment is included as Enclosure 2. In addition, in accordance with TS 6.1.14.3, a complete copy of the Offsite Dose Calculation Manual (Enclosure 3) is submitted with marked revisions implemented during calendar year 2005.

Please direct questions concerning this issue to J. D. Smith at (423) 843-6672.

Sincerely,

P. L. Pace
Manager, Site Licensing and
Industry Affairs

Enclosures

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A009

U.S. Nuclear Regulatory Commission
Page 2
April 27, 2006

PLP:JDS:JWP:KTS

Enclosures

cc (Enclosures):

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