



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) Docket Nos. 50-327
Tennessee Valley Authority) 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

JEY8
A009

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PLP:JDS:JWP:KTS

Enclosures

cc (Enclosures):

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Office of Nuclear Material Safety and Safeguards
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