



Tennessee Valley Authority, Post Office Box 2090, Soddy-Daisy, Tennessee 37379

March 21, 1994

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket No. 50-327

SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 1 - REACTOR CONTAINMENT BUILDING
INTEGRATED LEAK RATE TEST (CILRT)

Enclosed is the summary technical report on the CILRT for SQN Unit 1 conducted December 17-20, 1993. This report is being submitted for your review in accordance with 10 CFR 50, Appendix J, Sections V.B.1 and V.B.3.

The "as-found" and "as-left" acceptance criteria is 0.1875 percent per day. The reportable as-found mass leak rate for the CILRT was 0.1980 percent per day and was attributed to the breakage of O-ring seals on Penetration X-79B that occurred during replacement of the penetration flange approximately two weeks before the conduct of the CILRT. The reportable as-left leak rate was 0.1306 percent per day.

Please direct questions concerning this issue to D. V. Goodin at (615) 843-7734.

Sincerely,

Ken Powers
Site Vice President
Sequoyah Nuclear Plant

Enclosure
cc: See page 2

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cc (Enclosure):

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNIT 1
REACTOR BUILDING CONTAINMENT
INTEGRATED LEAK RATE TEST

CONDUCTED DECEMBER 17-20, 1993

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