

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

JUN 30 1989

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

Gentlemen:

In the Matter of) Docket Nos. 50-327
Tennessee Valley Authority) 50-328

SEQUOYAH NUCLEAR PLANT (SQN) UNITS 1 AND 2 - HEATING, VENTILATING, AND AIR
CONDITIONING (HVAC) DUCT SUPPORT CALCULATIONS - UNRESOLVED ITEM 88-12-07

Reference: TVA letter to NRC dated March 15, 1989

This letter documents the June 12, 1989, conversation between T. M. Cheng, of
NRC, and E. O. Hernandez, of TVA.

The referenced letter requested NRC's concurrence in using 5 percent damping
for operating basis earthquake (OBE) and 6 percent damping for safe shutdown
earthquake (SSE) for companion-angle construction and 9 percent damping for
OBE and SSE for pocket-lock-type construction of HVAC ducting systems. TVA
now proposes, however, to limit damping values to 4 percent for OBE and
5 percent for SSE for nonwelded companion-angle duct construction and
7 percent for OBE and SSE for pocket-lock-type construction for the long-term
design of HVAC systems at SQN. NRC's written concurrence is requested for
these new values.

No new commitments are contained in this letter. Please direct questions
concerning this issue to B. S. Schofield at (615) 843-6172.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

W. J. Ray Jr.
Manager, Nuclear Licensing
and Regulatory Affairs

cc: See page 2

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U.S. Nuclear Regulatory Commission

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