

TENNESSEE VALLEY AUTHORITY

CHATYANOOGA, TENNESSEE 37401

5B Lookout Place

DEC 25 1990

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) - BEST ESTIMATE LOSS OF COOLANT ACCIDENT (LOCA)
ANALYSIS SCHEDULE

As has been discussed with NRC staff, the schedule for delivery of the Westinghouse Electric Corporation, best estimate LOCA analysis for SQN to the NRC has slipped from that which was estimated at the May 11, 1989, meeting with NRC staff on this subject. At the May 11, 1989, meeting the original estimated schedule was to provide this analysis by November 1990. The current Westinghouse estimate for delivery of this analysis is now December 1991.

This schedule slip was caused by an error discovered in the 1971 decay heat model, which affected the schedule for the generic best estimate LOCA development and, consequently, the three-loop and SQN application. The error in the 1971 decay heat model affected plants licensed with the SECY-83-472 Methodology and resulted in a 10 CFR 21 report to the NRC for affected two-loop plants. Resolution was required to continue the best estimate LOCA effort.

This letter contains no commitments.

Please direct questions concerning this issue to J. D. Smith at (615) 843-6672.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Maury Buzgala for
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Regulatory Affairs

cc: See page 2

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U.S. Nuclear Regulatory Commission

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