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6N 38A Lookout Place

MAR 18 1987  
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Mr. S. D. Ebnetor  
Director, TVA Projects Division  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Ebnetor:

SEQUOYAH NUCLEAR PLANT - INDIVIDUAL PLANT EVALUATION (IPE)

Enclosed are the two requested copies of the IPE performed for TVA by Westinghouse. This document is specifically directed at demonstrating that Sequoyah is not an outlier plant in terms of core damage frequency or early containment failure. NUREG 1150 had indicated that Sequoyah was potentially subject to early containment failure and concomitant large releases of radiation. As you know, the NRC Office of Research put NUREG 1150 out as a preliminary draft document for industry review and comment. In the course of the review of NUREG 1150 and the preparation of the Sequoyah IPE, we found numerous modeling and configuration errors which we have had Westinghouse treat in the IPE. In addition, we take issue with the calculational methodology used by Sandia in NUREG 1150 and have problems in the dominant accident modes chosen and the unjustified use of nonmechanistic common cause failures.

We would like for you to arrange a meeting with the NRC Office of Research for the purpose of providing our detailed comments on NUREG 1150. If you have any questions, please contact C. H. Fox of my staff.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

S. A. White  
Manager of Nuclear Power

SAF:MLG

Enclosure (retained in SAW's office, LP 6N 38A-C)

cc: RIMS, MR 4N 72A-C

R. L. Gridley, LP 5N 157B-C

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