

September 21, 1988

Docket Nos. 50-327/328

Mr. S. A. White
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
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Dear Mr. White:

SUBJECT: PRELIMINARY SAFETY EVALUATION ON THE TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PERFORMANCE PLAN - SEQUOYAH UNIT 1
(TAC 60081, 60409, R00370, R00371, R00354)

This letter forwards our preliminary Safety Evaluation (SE) on the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory Commission's (NRC) 10 CFR 50.54(f) letter of September 17, 1985, relating to site-specific issues at the Sequoyah site for Unit 1. This SE represents the staff's evaluation of the TVA Sequoyah Nuclear Performance Plan through Revision 3, with supporting documents, for Unit 1. Volume 2 of NUREG-1232 was issued by the NRC on May 18, 1988, and addressed the Sequoyah Nuclear Performance Plan for Unit 2.

Based on the enclosed SE, the staff concludes that, subject to resolution of the restart electrical design calculations, TVA has resolved concerns at Sequoyah Unit 1 that led to issuance of the staff's 10 CFR 50.54(f) letter, and that the programmatic improvements are sufficient to support TVA nuclear plant operations for Unit 1. The staff's acceptance of your programmatic improvements is based in many cases on commitments made by TVA. Implementation will be monitored through normal NRC inspection activities. In addition, certain significant activities are highlighted in the enclosed SE that TVA has committed to complete either for restart of Unit 1 or as post-restart actions.

Sincerely,

Original signed by

Steven D. Richardson, Director
TVA Projects Division
Office of Special Projects

Enclosures:
As stated

cc w/enclosures:
See next page

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Mr. S. A. White

-2- Sequoyah Nuclear Plant

cc:

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