



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 18, 1988

Docket Nos. 50-327/328

Mr. S. A. White  
Manager of Nuclear Power  
Tennessee Valley Authority  
6N 38A Lookout Place  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

Dear Mr. White:

SUBJECT: SAFETY EVALUATION REPORT ON THE TENNESSEE VALLEY AUTHORITY SEQUOYAH  
NUCLEAR PERFORMANCE PLAN (NUREG-1232, VOLUME 2)

Re: Sequoyah Nuclear Plant, Units 1 and 2

The purpose of this letter is to transmit our Safety Evaluation Report (SER), NUREG-1232, on the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory Commission's 10 CFR 50.54(f) letter of September 17, 1985. TVA's response provides its plans for correcting problems at the Sequoyah Nuclear Plant, Units 1 and 2. The enclosed SER represents the NRC staff's evaluation of the TVA Sequoyah Nuclear Performance Plan (SNPP) as revised through Revision 2. The staff has previously transmitted preliminary Safety Evaluations on this subject by letters dated January 21, February 17, and March 25, 1988. Enclosure 2 lists the significant changes since the issuance of the March 25, 1988 SER.

As the staff's preliminary SER's indicated, the SNPP represents an overall plan to correct the problems at the Sequoyah Nuclear Plant, Units 1 and 2. Based on our review of the plan and our inspection activities, we concluded that the organization and staffing at the Sequoyah Nuclear Plant, Units 1 and 2 and the programmatic improvements in place or under way are sufficient to resolve the concerns at Sequoyah that led to issuance of the staff's 10 CFR 50.54(f) letter dated September 17, 1985, and to support continuing nuclear activities, including plant operations. Further, the staff, based on the review of the plan, concluded that Sequoyah-specific issues have been resolved sufficiently to support restart of Sequoyah Unit 2.

Much of the SNPP is programmatic; therefore, its effectiveness depends on its implementation. The NRC staff has closely monitored this implementation and found it generally effective. The staff will continue to monitor TVA's implementation of these programs and if any changes are necessary, the staff will request TVA to make them. TVA has identified SNPP programmatic differences between Unit 1 and Unit 2 in its letters dated March 31 and May 9, 1988. These differences will be the subject of a separate evaluation by the staff to be issued prior to the restart of Unit 1.

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Mr. S. A. White

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May 18, 1988

A related Notice of Availability, which has been forwarded to the Office of the Federal Register for publication, is also provided as Enclosure 3.

Sincerely,

Original Signed by  
Stewart D. Ebnetter, Director  
Office of Special Projects

Enclosures:

- 1. NUREG-1232, Volume 2 (20)  
(Under separate cover)
- 2. List of Changes from  
March 25, 1988 Evaluation
- 3. Notice of Availability

cc w/enclosures: (Encl. 1 under separate cover)  
See next page

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with  
consequence  
from JA  
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Mr. S. A. White  
Tennessee Valley Authority

Sequoyah Nuclear Plant

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Dr. Henry Myers, Science Advisor  
Committee on Interior  
and Insular Affairs  
U.S. House of Representatives  
Washington, D.C. 20515

ENCLOSURE 1

NUREG-1232, VOLUME 2  
will be shipped under separate cover

ENCLOSURE 2

CHANGES FROM MARCH 25, 1988 EVALUATION\*

<u>Section</u>	<u>Page</u>	<u>Change</u>
1	1-3	wording change
2.3.3.1	2-14	wording corrected
2.3.3.1	2-16	wording corrected
2.3.3.2.1	2-21	wording corrected
2.7	2-72	wording change
3.1.3	3-20	wording change
3.3.2	3-33	sentence revised
3.10	3-69/3-70	entire section revised
3.12	3-72	reference added
5	5-1/5-2	wording change
6	6-1	wording change

\*Only technical changes and substantial editorial changes or revisions are noted; typographical corrections, defining acronyms/abbreviations are not.