

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

December 12, 1983

Director of Nuclear Reactor Regulation  
Attention: Ms. E. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Ms. Adensam:

In the Matter of  
Tennessee Valley Authority

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Docket No. 50-327  
50-328

Unit 1 of the Sequoyah Nuclear Plant is presently scheduled to complete cycle 2 operations and enter the next refueling outage in early 1984. This letter is to notify you of our plans for the unit 1, cycle 3 reload core. The cycle 3 reload core design was analyzed in accordance with the methodology documented in the WCAP-9273 dated March 1978, "Westinghouse Reload Safety Evaluation Methodology." The results of this analysis and review are provided in the enclosure, "Sequoyah Nuclear Plant Unit 1 Reload Safety Evaluation (RSE) for Cycle 3 Operation." Only those incidents analyzed and reported in the Sequoyah Final Safety Analysis Report (FSAR) have been reviewed for the cycle 3 design. The results of the analysis demonstrate that the core reload will not adversely affect the safety of the plant and that the cycle 3 core design does not cause the previously acceptable safety limits for any incident to be exceeded. Also, the analysis has shown that the current Technical Specifications, as approved through Amendment 32 to Operating License DPR-77, are applicable and that no changes are necessary.

A detailed review of the Westinghouse methodology, analysis techniques and results has been performed by the technical staff within TVA. The RSE has also been reviewed by the Sequoyah Plant Operations Review Committee (PORC) and the Nuclear Safety Review Board (NRSB). The unit 1, cycle 3 reload core has been evaluated pursuant to 10 CFR 50.59 and a determination has been made that no unreviewed safety questions exist. Accordingly, no review of the RSE for unit 1 cycle 3 operations is being requested but is being provided for your information.

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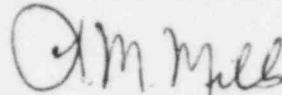
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If you have any questions, please call Jerry Wills at FTS 658-2683.

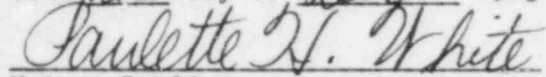
Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager  
Nuclear Licensing

Sworn to and subscribed before me  
this 12<sup>th</sup> day of Dec. 1983



Notary Public

My Commission Expires 9-5-84

Enclosure

cc: U.S. Nuclear Regulatory Commission (Enclosure)  
Region II  
Attn: Mr. James P. O'Peilly Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303