

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

July 31, 1984

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 ) Docket Nos. 50-328  
Tennessee Valley Authority )

Technical Specification (T/S) 4.4.9.1.2 for unit 2 of our Sequoyah Nuclear Plant requires the reactor vessel material irradiation surveillance specimen to be removed and examined at intervals required by 10 CFR 50, Appendix H in accordance with the schedule specified by Table 4.4-5 of the unit 2 T/S. Enclosed is the final summary report (WCAP-10509, "Analysis of Capsule T from Tennessee Valley Authority, Sequoyah Unit 2 Reactor Vessel Radiation Surveillance Program,") as required by 10 CFR 50, Appendix H, for the reactor vessel surveillance capsule T.

We do not believe any change in the capsule withdrawal schedule in the technical specification, Table 4.4-5, is required at this time because the schedule recommended in the technical report provides for capsule U to be removed at three effective full power years (EFPY) which is identical to that in our technical specification. Also, based on the results of the analysis of the surveillance capsule T, no changes in the technical specification pressure temperature limit curves, figures 3.4-2 and 3.4-3 of the unit 2 T/S are required at this time because the curves in the summary are identical to the technical specification curves. The curves in the technical report represent an operational time period of 9 EFPY. Capsule U will be withdrawn at approximately 3 EFPY, and we will reassess the need for technical specification revisions when the results from the analysis of capsule U are available.

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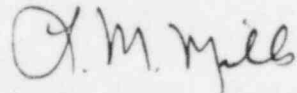
Director of Nuclear Reactor Regulation

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If you have any questions concerning this matter, please get in touch with Jerry Wills at FTS 858-2683.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager  
Nuclear Licensing

Sworn to and subscribed before me  
this 31<sup>st</sup> day of July 1984

Paulette W. White  
Notary Public  
My Commission Expires 9-5-84

Enclosure

cc: U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323