

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

SEP 30 1986

Director of Nuclear Reactor Regulation  
Attention: Mr. B. Youngblood, Project Director  
PWR Project Directorate No. 4  
Division of Pressurized Water  
Reactor (PWR) Licensing A  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Youngblood:

In the Matter of the Application of ) Docket Nos. 50-390  
Tennessee Valley Authority ) 50-391

Please refer to my letter to you dated July 30, 1986 regarding TVA's schedule for review, evaluation, and upgrade of the environmental qualification (EQ) of electrical equipment (10 CFR 50.49) program for Watts Bar Nuclear Plant (WBN) unit 1. Also, refer to your letter to S. A. White dated September 8, 1986 which documented additional EQ material which TVA has committed to provide as an aid in the NRC review process.

Enclosed are 15 copies of the Electrical Equipment Environmental Qualification Report (EEEQR) update submittal for WBN unit 1. As is documented by Section IX of this report, TVA considers that any previous NRC EQ issues and questions are addressed and compliance with 10 CFR 50.49 qualification documentation requirements is fully achieved by this EEEQR update. The EEEQR is considered a current representation of the WBN EQ documentation and, in the future, will not be revised or updated. The equipment listed in the EEEQR may be affected by future plant modifications or resolution of new issues. However, there are plant and engineering procedures in place to ensure that, as changes occur, they are reflected in the overall EQ documentation program.

In reference to the specific items of interest which were delineated in your September 8, 1986 letter, the system component evaluation work (SCEW) sheets for the 10 types of equipment are provided in Section VIII of the EEEQR; tabs A and B which were to accompany these SCEW sheets are provided in Section VII; lists of additions, deletions, and significant changes since the previous WBN EQ submittal dated July 24, 1984 are provided in Section VI; and identification of equipment package rollovers of EQ packages at Sequoyah Nuclear Plant is provided in Section V.

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Director of Nuclear Reactor Regulation

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If you have any questions on this topic, please get in touch with Jim Young at (615) 365-8837.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. Gridley, Director  
Nuclear Safety and Licensing

Enclosure (15)

cc: U.S. Nuclear Regulatory Commission  
Region II  
Attn: Dr. J. Nelson Grace, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

U.S. Nuclear Regulatory Commission  
Region II  
Attn: G. G. Zech, Director, TVA Projects  
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