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

50-390/86-20

Gentlemen:

Subject: Initial Test Program for Watts Bar - Unit 1 , Docket 50-390

Your response of November 25, 1987, to our revised Notice of Violation August 21, 1987, was silent on the subject of adequacy of the Watts Bar initial test program in light of the subject violation. We note that you have active major re-evaluation programs for Watts Bar such as the Design Baseline and Verification program and Weld Evaluation Program. These could change the acceptance criteria for previously conducted construction/component or system tests or require re-performance of the tests. You are evaluating construction/component tests - not all are being found adequate. You also have made many modifications to previously tested systems - all have not been tested. Several instances of system degradation or less than optimum layup have been found. Considering the additional factors discussed above, please inform us of your plans regarding the conducting of component and pre-operational test programs that would provide validation of your plant configuration and system design when construction and modification work are actually completed. We would appreciate your response on this matter within 90 days of the date of this letter.

We appreciate your cooperation in this matter.

Sincerely,

orig. signed by W. Little

Kenneth P. Barr, Acting Assistant
Director for Inspection Programs
TVA Projects Division
Office of Special Projects

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- cc: G. Toto, Site Director
Watts Bar Nuclear Plant
- J. A. Kirkebo, Director,
Nuclear Engineering
- R. A. Pedde, Project Manager
Watts Bar Nuclear Plant
- R. L. Gridley, Director
Nuclear Safety and Licensing
- D. A. Kulisek, Acting Site
Licensing Manager
TVA Representative, Bethesda
Office

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