

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

December 9, 1980

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Denton:

In the Matter of the	)	Docket Nos. 50-327
Tennessee Valle Authority	)	50-328
		50-390
		50-391
		50-438
		50-439
		STN 50-518
		STN 50-519
		STN 50-520
		STN 50-521
		STN 50-553
		STN 50-554
		STN 50-566
		STN 50-567

In Chapter 17 of the Final Safety Analysis Report for Sequoyah, Watts Bar and Bellefonte Nuclear Plants, TVA provides a description of the Quality Assurance Program for each of the plants. Enclosed for your information are changes that we plan to incorporate into each of the respective FSAR's and the TVA Topical Report (TVA-TR-1A). These changes supercede my letter to you dated December 1, 1980.

An appropriate description of these changes will be included in our application for an operating license for the Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Regulation and Safety

Subscribed and sworn to before  
me this \_\_\_\_\_ day of \_\_\_\_\_ 1980.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_  
Enclosure  
cc: See page 2

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Mr. Harold R. Denton

December 9, 1980

cc: Mr. James P. O'Reilly, Director (Enclosure)  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

ENCLOSURE

PLANNED CHANGES TO CHAPTER 17 OF THE FINAL SAFETY ANALYSIS  
REPORT FOR SEQUOYAH, WATTS BAR, BELLEFONTE,  
AND THE TVA TOPICAL REPORT (TVA-TR75-1A)

SEQUOYAH NUCLEAR PLANT (50-327, 50-328)

For the Sequoyah Nuclear Plant FSAR, paragraph 17.1A.11.3 change to read as follows:

Various electrical and mechanical construction tests are performed by CONST in accordance with written procedures as prerequisites for the preoperational testing program. CONST will develop a document entitled Construction Test Procedure Manual (CTPM) consisting of generic procedures for performing and documenting these tests. The CTPM will be reviewed and approved by CONST, EN DES, NUC PR, and CONST QA. The specific details for development, review, and approval of construction test procedures will be contained in a TVA Inter-Divisional Quality Assurance Procedure (ID-QAP\*); however, the detailed construction test procedures for each specific construction test will be developed by CONST.

\*The ID-QAP is under development at this time.

This section is being modified to clarify TVA's control of construction and preliminary testing. This material will be incorporated into the FSAR by Amendment 68. This letter supercedes my letter to you dated December 1, 1980.

However, in a telephone conference call November 28, 1980, involving TVA and Hugh Dance of NRC, the following commitments were made relative to construction testing at Sequoyah Nuclear Plant to resolve NRC-OIE's concerns.

1. TVA Division of Construction will prepare a listing of construction tests used as prerequisites to preoperational tests and transmit to the TVA Division of Engineering Design.
2. TVA Division of Engineering Design representatives will meet with Sequoyah preoperational test representatives and obtain their review of each of their preoperational tests to determine the adequacy of the construction test program as prerequisites to the preoperational test program.

WATTS BAR NUCLEAR PLANT (50-390, 50-391)

Watts Bar Nuclear Plant FSAR paragraph 17.1A.11.3 "Construction and Preliminary Tests" second and third paragraphs (pg. 17.1A.35), change to read as follows:

Various electrical and mechanical construction tests are performed by CONST in accordance with written procedures as prerequisites for the preoperational testing program. CONST will develop a document entitled Construction Test Procedure Manual (CTPM) consisting of generic procedures for performing and documenting these tests. The CTPM will be reviewed and approved by CONST, EN DES, NUC PR, and CONST QA. The specific details for development, review, and approval of construction test procedures will be contained in a TVA Inter-Divisional Quality Assurance Procedure (ID-QAP\*); however the detailed construction test procedures for each specific construction test will be developed by CONST.

\*The ID-QAP is under development at this time.

However, the Construction Test Procedure Manual (CTPM) for Watts Bar will be added by February 15, 1981. Before the new manual is ready preoperational tests may be initiated provided the construction test procedures required as prerequisites for the preoperational tests being initiated are reviewed and approved for adequately meeting design requirements by all organizations responsible for reviewing and approving the procedures for the CTPM and with appropriate corrective action for all deficiencies.

Before the new manual is ready, construction tests which may be prerequisites for later preoperational tests (i.e., preoperational tests scheduled after the completion of a new manual) may continue provided that either (a) the construction test documents are reviewed as specified for the procedures in the CTPM or (b) a similar procedure review is performed after the construction test is complete and before initiating that preoperational test. If changes are made to a construction test procedure after the construction test has been conducted, the test results will be reviewed or, if necessary, the test rerun.

BELLEFONTE NUCLEAR PLANT (50-438, 50-439)

Bellefonte Nuclear Plant FSAR paragraph 17.1A.11.3 "Construction Testing" second and third paragraphs (pg. 17.1A-44), change to read as follows:

Various electrical and mechanical construction tests are performed by CONST in accordance with written procedures as prerequisites for the preoperational testing program. CONST will develop a document entitled Construction Test Procedure Manual (CTPM) consisting of generic procedures for performing and documenting these tests. The CTPM will be reviewed and approved by CONST, EN DES, NUC-PR, and CONST QA. The specific details for development, review, and approval of construction test procedures will be contained in a TVA Inter-Divisional Quality Assurance Procedure (ID-QAP\*); however, the detailed construction test procedures for each specific construction test procedures will be developed by CONST.

\*The I-QAP is under development at this time.

Before the new manual is ready preoperational tests may be initiated provided the construction test procedures required as prerequisites for the preoperational tests being initiated are reviewed and approved for adequately meeting design requirements by all organizations responsible for reviewing and approving the procedures for the CTPM and with appropriate corrective action for all deficiencies.

Before the new manual is ready, construction test which may be prerequisites for later preoperational tests (i.e., preoperational tests scheduled after the completion of a new manual) may continue provided that either (a) the construction test documents are reviewed as specified for the procedures in the CTPM or (b) a similar procedure review is performed after the construction test is complete and before initiating that preoperational test. If changes are made to a construction test procedure after the construction test has been conducted, the test results will be reviewed, if necessary, the test rerun.

TVA Topical Report (TVA-TR75-1A) paragraph 17.1A.11.3 "Construction Testing" (pg. 17.1A-61), change to read as follows:

Various electrical and mechanical construction tests are performed by CONST-in accordance with written procedures as prerequisites for the preoperational testing program. CONST will develop a document entitled Construction Test Procedure Manual (CTPM) consisting of generic procedures for performing and documenting these tests. The CTPM will be reviewed and approved by CONST, EN DES, NUC PR, and CONST QA. The specific details for development, review, and approval of construction test procedures will be contained in a TVA Inter-Divisional Quality Assurance Procedure (ID-QAP); however, the detailed construction test procedures for each specific construction test will be developed by CONST.

\*The ID-QAP is under development at this time.