



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

DEC 22 1992

William J. Museler
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U.S. Nuclear Regulatory Commission
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Gentlemen:

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

WATTS BAR NUCLEAR PLANT (WBN) - NRC INSPECTION REPORT NO. 390, 391/92-23 -
CONFIRMATION OF TELEPHONE CONVERSATION RELATING TO NOTICE OF VIOLATION (NOV)

As discussed with NRC's Mr. Al Gibson in a teleconference on December 18, 1992, the enclosure provides an overview of the process WBN will use to review the adequacy of electrical schematics for WBN plant systems. This approach is in addition to the processes described in TVA's violation response of November 17, 1992, and the Design Baseline and Verification Program Corrective Action Plan (CAP) whereby electrical schematics are verified by testing. TVA considers that when implemented, this review will provide an even higher confidence level in the adequacy of WBN electrical schematics.

In addition, WBN has committed to perform a review of annunciator drawings used and/or referenced in the development of preoperational test procedures. This review will be performed by Nuclear Engineering personnel to correct drawing discrepancies, if any, between the annunciator contacts and windows and will be completed in support of future preoperational testing. Please note that this commitment clarifies the commitment wording on Page 18 of the subject Inspection Report dated October 18, 1992.

Should there be any questions regarding this information, please telephone Paul L. Pace at (615) 365-1824.

Very truly yours,

William J. Museler

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Enclosure
cc: See page 2

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ENCLOSURE

CONFIRMATION OF TVA/NRC TELECON DECEMBER 18, 1992
DRAWING INITIATIVES FOR WBN SCHEMATIC DIAGRAMS - ADDITIONAL INFORMATION
VIOLATION 390, 391/92-23-01

The basic approach will involve a review of WBN Unit 1 electrical schematic diagrams for plant systems. The review will be performed by personnel in Nuclear Engineering with assistance from test personnel in the Startup and Test Department. The review will be conducted using guidelines developed by Nuclear Engineering which will include the attributes listed below. These review attributes are based on the types of documented drawing discrepancies (DDs) issued against electrical schematic drawings in 1991 and 1992:

- a. Typographical errors
- b. Misidentified components, contact numbers, and wire numbers
- c. Normal state of contacts
- d. Deleted jumpers or wires
- e. Consistency of notes

WBN connection diagrams will be used in support of this review as necessary to verify the above attributes.

This review will be implemented (including correction of identified discrepancies) under WBN's System Plant Acceptance Evaluation (SPAE) process (Phase 1) for systems certified Phase 1 complete after January 31, 1993. For those systems certified Phase 1 complete prior to January 31, 1993, but not having testing begun, the review will be completed (and discrepancies corrected) prior to certification of SPAE Phase II (i.e., milestone for completion of engineering activities in support of system turnover to the Plant Staff). For the remaining systems, i.e., those with testing in process, those with testing completed, or those already transferred to the plant organization, the reviews will be implemented (including correction of discrepancies) prior to declaring Tech Spec operability for the system.

This review process will be incorporated into Engineering Administrative Instruction (EAI)-3.07 (SPAE Process) by January 31, 1993.