



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DCS

MAY 26 1988

Docket Nos. 50-327/328

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

Gentlemen:

SUBJECT: INSPECTION REPORT NOS. 50-327/88-13 AND 50-328/88-13 - INTEGRATED
DESIGN INSPECTION FOLLOW-UP

This letter forwards the results of an inspection of the corrective actions performed by TVA in response to the findings of the Integrated Design Inspection (IDI) conducted in TVA's Knoxville offices between February 1 and February 19, 1988. During this inspection, the team reviewed both the specific and generic corrective actions associated with the IDI findings that remained open following our previous inspection that was documented in NRC Inspection Report 50-327/87-74 and 50-328/87-74. It should be noted that although all the IDI findings are indicated as closed, several findings involved licensing issues which must be resolved by TVA with NRC's Office of Special Projects. These items then are no longer considered IDI issues and are closed only for the purpose of this report. IDI findings requiring resolution by the Office of Special Projects are so indicated in the issue-specific summaries contained in Appendix A to the enclosed report. In addition, for many of the IDI findings a substantial portion of the corrective actions has been deferred by TVA until after the restart of Sequoyah Unit 2. In each such instance, the NRC has reviewed and agrees with the TVA post-restart decision for completion of corrective action. Such IDI findings were closed by the team by verifying that the necessary post-restart corrective actions have been entered on TVA's Corporate Commitment Tracking System (CCTS). The CCTS is used by TVA to track regulatory commitments and is being relied on by the NRC to provide an auditable trail to assure that the corrective actions are completed in a timely manner.

During the IDI exit meeting on September 11, 1987, the NRC made several general observations that were programmatic in nature. These related to: (1) lack of timely implementation of changes to operating procedures resulting from design changes; (2) lack of timely corrective action; (3) lack of system integration and (4) weakness in the design verification process.

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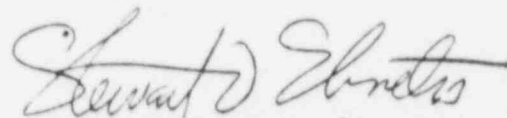
MAY 26 1988

The NRC considers that TVA has taken responsible corrective actions to alleviate the above programmatic concerns. However, it is not possible to assess the effectiveness of these procedural and organizational changes at this time. The impact of these changes depends largely on their diligent implementation by TVA and can only be assessed after they have been implemented for a sufficient period of time. The NRC recommends that the TVA management periodically evaluate the effectiveness of their corrective actions to the NRC's programmatic concerns to assure themselves that the corrective actions are being properly implemented and more importantly, are producing the desired end results. The NRC also recommends that TVA periodically review their CCTS to assure that the committed corrective actions are implemented in a timely manner.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the NRC Public Document Room.

Should you have any questions concerning this inspection, please contact me or Mr. Eugene Imbro, (301) 492-0954.

Sincerely,



Stewart D. Ebnetter, Director
Office of Special Projects

Enclosure:
Inspection Report 50-327/88-13
and 50-328/88-13

cc w/enclosure: See next page

MAY 26 1988

Mr. S. A. White
Tennessee Valley Authority

Sequoyah Nuclear Plant

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DESIGN INSPECTION FOLLOWUP

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Handwritten notes and signatures:
 - Above table: *5/14/88*, *#1 5/25/88 sam*
 - Below table: *mkm*

OFFICIAL RECORD COPY

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Sequoyah Nuclear Plant

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