

Docket Nos. 50-390

Mr. Oliver D. Kingsley, Jr.
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

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Docket File
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Dear Mr. Kingsley:

SUBJECT: WATTS BAR NUCLEAR PLANT UNIT 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR SEISMIC ANALYSIS

The staff has completed its preliminary review of the "Watts Bar Seismic Analysis Corrective Action Program Plan" submitted in your letter dated November 18, 1988 and as supplemented on June 29, 1989. The staff's review finds that the overall approach used by TVA for the development of the amplified response spectra provides a technically viable approach for reassessing safety-related systems, structures, and components in the main plant complex (e.g., reactor building and auxiliary building) at Watts Bar, Unit 1. However, the staff has a concern regarding the use of the SASSI computer program for analyzing the soil-structure interaction of certain soil-supported structures (e.g., additional diesel generator building and certain tanks). The staff will complete the review and issue its safety evaluation after TVA submits the verification package. The staff will evaluate TVA's implementation of the Corrective Action Program and the appropriate changes to the FSAR.

If you have any questions concerning the above, contact R. Auluck, Project Manager at (301) 492-0759.

Sincerely,

Original signed by

Suzanne C. Black, Assistant Director
for Projects
TVA Projects Division
Office of Nuclear Reactor Regulation

cc: See next page

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*SEE PREVIOUS CONCURRENCE

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NAME	:MSimms	:RAuluck:as	:DTerao	:SBlack	:KBarr	:BDLiaw	:
DATE	:8/09/89	:8/10/89	:8/10/89	:9/5/89	:9/31/89	:9/7/89	:

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Mr. Oliver D. Kingsley, Jr.

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cc:

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Honorable Robert Aikman
County Judge
Rhea County Courthouse
Dayton, Tennessee 37321

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Sincerely,

Suzanne C. Black, Assistant Director
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TVA Projects Division
Office of Nuclear Reactor Regulation

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Telephone