



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

May 17, 1990

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WHERE	_____

Docket Nos. 50-390
and 50-391

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

Dear Mr. Kingsley:

SUBJECT: NRC INSPECTION REPORT NOS. 50-390/90-04 and 50-391/90-04

From March 5-10, April 2-6, and April 23-27, 1990, an NRC welding team conducted an inspection at the Watts Bar Nuclear Plant Unit 1 facility. The NRC inspection team consisted of NRC staff from the Office of Nuclear Reactor Regulation (NRR) and two consultants.

During the inspection, the NRC team reviewed 12 open items from previous NRC inspections and 3 requests for alternative acceptance in accordance with 10 CFR 50.55a(a)(3). In addition, the team reviewed the status of commitments made in the Welding Corrective Action Program (CAP) Plan and TVA's Welding Project Final Report. The NRC inspection team also interviewed responsible Tennessee Valley Authority (TVA) personnel about the TVA's implementation of the Welding CAP Plan.

The NRC welding team closed 10 of the 12 remaining open items from previous NRC inspections. The NRC welding team reviewed and found acceptable the proposed alternative acceptance concerning hydrotesting of containment penetrations, pneumatic test of control air system, and welds on the drain line vortex of the refueling water storage tank. The team also reviewed and found acceptable TVA's Welding Project Final Report and the closure packages for 43 commitments associated with the Watts Bar Welding CAP Plan. However, the remaining open items must be completed before the final closure of the Welding CAP Plan. TVA must also notify the NRC when all outstanding work on the CAP is completed. The enclosed inspection report details the scope, objectives, and findings of the NRC inspection team and identifies the areas examined during the inspection (Enclosure 1).

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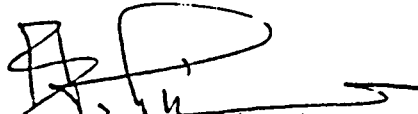
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Mr. Oliver D. Kingsley, Jr.

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In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosure will be placed in the NRC Public Document Room. If there are any questions concerning this inspection, please contact this office.

Sincerely,



B. D. Liaw, Director
TVA Projects Division
Office of Nuclear Reactor Regulation

Enclosure:

Inspection Report Nos. 50-390/90-02
and 50-391/90-02

04

cc w/enclosure:
See next page

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Mr. Oliver D. Kingsley, Jr.

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cc:

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