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FEB 12 1987

Docket Nos. 50-390, 50-391
License Nos. CPPR-91, CPPR-92

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

Gentlemen:

SUBJECT: NOTICE OF VIOLATION
(NRC INSPECTION REPORT NOS. 50-390/86-21 AND 50-391/86-21)

This refers to the Nuclear Regulatory Commission (NRC) inspection conducted by Messrs. M. W. Branch and G. A. Walton on September 21 to October 20, 1986. The inspection included a review of activities authorized for your Watts Bar facility. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed inspection report.

Areas examined during the inspection are identified in the report. These areas included: licensee action on inspector identified items, followup of licensee identified items, fire prevention and fire protection, preoperational test program implementation verification, testing of pipe support and restraint systems, EG&G weld inspection activities, structural welding inspection procedure, allegation followup, and electrical components record review. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress.

The inspection findings indicate that certain activities appeared to violate NRC requirements. The violations, references to pertinent requirements, and elements to be included in your response are described in the enclosed Notice of Violation. The three violations concern failure to meet post modification testing requirements, failure to control weld inspections and inadequate design control in the area of seismic qualification.

Your attention is invited to unresolved items concerning fillet weld adequacy, adequacy of your system for maintaining long term commitments and control of qualified replacement parts. These matters will be pursued during future inspections.

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 enclosures will be placed in the NRC Public Document Room.

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The responses directed by this letter and its enclosures are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Should you have any questions concerning this letter, please contact us.

Sincerely,

Original signed by
Stephen A. Elrod (for)
Gary G. Zech, Director
Division of TVA Projects

Enclosures:

1. Notice of Violation
2. NRC Inspection Report

cc w/encls:

- G. Toto, Site Director
Watts Bar Nuclear Plant
- R. A. Pedde, Project Manager
Watts Bar Nuclear Plant
- R. W. Cantrell, Acting Director Nuclear
Engineering
- R. L. Gridley, Director
Nuclear Safety and Licensing
- J. A. McDonald, Site Licensing Manager

bcc w/encls:

- J. N. Grace, RII
- H. R. Denton, NRR
- H. L. Thompson, NRR
- J. M. Taylor, IE
- B. B. Hayes, OI
- S. R. Connelly, OIA
- K. P. Barr, RII
- NRC Resident Inspector
NRC Document Control Desk
State of Tennessee

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