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OCT 28 1986

Docket Nos. 50-390 and 50-391
License Nos. CPPR-91 and 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 AND NOTICE OF DEVIATION
(NRC INSPECTION REPORT NOS. 50-390/86-18 AND 50-391/86-18)

This refers to the Nuclear Regulatory Commission (NRC) inspection conducted by Mr. M. W. Branch and Mr. G. A. Walton on July 21, 1986 to August 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. 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 and other activities appeared to deviate from FSAR commitments. The violations and deviation, with pertinent references, and elements to be included in your response are described in the enclosed Notices.

In addition to the specific matters identified in the enclosed Notices and previous inspection reports, we continue to be concerned about the implementation of your Design Control Program that permitted these situations to develop. Consequently, your response should describe those particular actions taken or planned to improve the effectiveness of your program.

Your attention is invited to unresolved items identified in the inspection report. 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 enclosure will be placed in the NRC Public Document Room.

The responses directed by this letter and its enclosure 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.

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Tennessee Valley Authority

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

Sincerely,
ORIGINAL SIGNED BY
GARY G. ZECH

Gary G. Zech, Director
Division of TVA Projects

Enclosures:

1. Notice of Violation
2. Notice of Deviation
3. NRC Inspection Report

- cc w/encls:
- ✓ G. Toto, Site Director
Watts Bar Nuclear Plant
 - ✓ J. A. Kirkebo, Director,
Nuclear Engineering
 - ✓ R. A. Pedde, Watts Bar Nuclear
Plant Project Manager
 - ✓ R. L. Gridley, Director
Nuclear Safety and Licensing
 - ✓ J. A. McDonald, Compliance
Section Supervisor

- bcc w/encls:
- ✓ J. N. Grace
 - ✓ H. R. Denton, NRR
 - ✓ H. L. Thompson, NRR
 - ✓ J. M. Taylor, IE
 - ✓ B. B. Hayes, OI
 - ✓ S. R. Connelly, OIA
 - ✓ K. P. Barr
 - ✓ NRC Resident Inspector
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State of Tennessee

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