

Official

MAY 15 1987

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
(INSPECTION REPORT NOS. 50-390/87-05 AND 50-391/87-05)

This refers to the Nuclear Regulatory Commission (NRC) inspection conducted by Mr. G. A. Walton on March 1, 1987 to April 12, 1987. 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. Major areas inspected included construction electrical component inspection and testing, applicability of the American Society of Mechanical Engineers (ASME) code and review of previously identified design control issues.

The inspection findings indicate that certain activities appeared to violate NRC requirements. The violation, references to pertinent requirements, and elements to be included in your response are described in the enclosed Notice of Violation.

The violation consists of two examples that describe different conditions. In reference to the first example, dealing with the failure to consider vendor requirements in the design of the hydrogen analyzer system, it is requested that you specifically address in your response your plans to assure that vendor recommendations are considered on other safety-related, vendor supplied equipment.

The second example references failure to specify classes of cleanness for in-place storage of equipment as required by American National Standards Institute (ANSI) N45.2.1. It is requested that you provide a description of your program for compliance with all the ANSI Standards committed to in the Final Safety Analysis Report (FSAR) or Quality Assurance Topical Report.

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Two Unresolved Items are included in the enclosed inspection report. These matters, which will be pursued during future inspections, involve implementation of appropriate standards in site procedures for construction testing and compliance with the FSAR regarding an American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) compliance item.

In reference to the Unresolved Item which discusses compliance with the FSAR regarding an ASME Code item, a change to the FSAR, which is less restrictive than present commitments in the FSAR, requires thorough justification before such a change can be accepted by the NRC.

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.

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

Sincerely,

**ORIGINAL SIGNED BY
GARY G. ZECH**

Gary G. Zech, Assistant Director,
Inspection Programs
Division of TVA Projects
Office of Special Projects

Enclosures:

1. Notice of Violation
2. NRC Inspection Report

cc w/encls:

- ✓ G. Toto, Site Director
Watts Bar Nuclear Plant
- ✓ J. A. Kirkebo, Acting Director,
Nuclear Engineering
- ✓ R. L. Gridley, Director
Nuclear Safety and Licensing
- ✓ J. A. McDonald, Site Licensing Manager

bcc: (See page 3)

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bcc w/encls:

- ✓ J. G. Keppler, OSP
 - ✓ S. D. Ebner, OSP
 - ✓ J. A. Zwolinski, OSP
 - ✓ B. D. Liaw, OSP
 - ✓ S. D. Richardson, OSP
 - ✓ S. R. Connelly, OIA
 - ✓ K. P. Barr, OSP/RII
- NRC Resident Inspector
NRC Document Control Desk
State of Tennessee

OSP/RII

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KBarr
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