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MAY 28 1982

Tennessee Valley Authority
ATTN: Mr. H. G. Parris
Manager of Power
500A Chestnut Street Tower II
Chattanooga, TN 37401

Gentlemen:

Subject: Report Nos. 50-390/82-09 and 50-391/82-07

This refers to the routine safety inspection conducted by Mr. J. A. McDonald of this office on February 24 - March 23, 1982, of activities authorized by NRC Construction Permit Nos. CPPR-91 and CPPR-92 for the Watts Bar facility. Our preliminary findings were discussed with Mr. W. T. Cottle, Plant Superintendent, at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspectors.

During the inspection, it was found that certain activities under your license appear to violate NRC requirements. One violation and references to pertinent requirements are listed in the Notice of Violation enclosed herewith as Appendix A. Elements to be included in your response are delineated in Appendix A. Two additional violations discussed in sections 5a and 6 of the enclosed report are not included in the enclosed Notice of Violation. These violations were similar to violations discussed in inspection report 50-390/82-05, 50-391/82-03. Your response to that report should encompass the two violations in the enclosed report.

We have examined actions you have taken with regard to previously identified enforcement matters and unresolved items. The status of these items is discussed in the enclosed report.

One new unresolved item is identified in the enclosed inspection report. This item will be examined during subsequent inspections.

On February 18, 1982, I, and members of my staff met with your representatives at the Watts Bar facility regarding the overall quality assurance program at Watts Bar. Based on the matters discussed during this meeting and telephone conversation with Mr. L. M. Mills on May 13, 1982, it is our understanding that the following actions will be promptly initiated:

1. Complete the Nuclear Safety Review Staff management review of the Watts Bar quality assurance program.

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2. Verify that equipment important to safety is included on the facility critical safety system component list (CSSC) to ensure appropriate quality assurance program coverage.
3. Review your identification of design requirements for equipment important to safety and verify that the issued final design and the as-built construction satisfy the design requirements.
4. Extend the scope of the current review of system tentative transfers to include all transfers accomplished after December 1, 1980. Identify retesting for outstanding work items uncovered by this review.
5. Evaluate the generic applicability of any deficiencies identified by these reviews to other units within the Tennessee Valley Authority system, and implement corrective action if necessary.

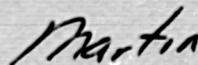
You are required to respond to the Notice of Violation. In preparing your response, you should follow the instructions specified therein. In addition to your response to the specific violation, please confirm our understanding that the above actions will be taken and provide your schedule for completing these actions. Our concurrence in the satisfactory completion of the above items will be based on information you provide to this office at the conclusion of the reviews, and our verification of the adequacy of corrective actions.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosures will be placed in the NRC's Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1).

The responses directed by this letter and the 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, we will be glad to discuss them with you.

Sincerely,



James P. O'Reilly
Regional Administrator

Enclosures: (See page 3)

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Enclosures:

- 1. Appendix A, Notice of Violation
- 2. Inspection Report Nos. 50-390/82-09 and 50-391/82-07

cc w/encl:

- H. J. Green, Director of Nuclear Power
- W. T. Cottle, Plant Superintendent
- J. E. Wilkins, Project Manager
- J. F. Cox, Supervisor, Nuclear Licensing Section
- D. P. Ormsby, Project Engineer
- H. N. Culver, Chief, Nuclear Safety Review Staff

bcc w/encl:

- NRC Resident Inspector
- Document Management Branch
- State of Tennessee

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