



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

PDR

July 11, 1985

Docket No. 99900513/85-01

Teledyne Engineering Services
ATTN: Mr. F. C. Bailey
President
130 Second Avenue
Waltham, Massachusetts 02254

Gentlemen:

This refers to the inspection conducted by Mr. R. P. McIntyre of this office on January 7-11, 1985, of your facility at Waltham, Massachusetts, and to the discussions of our findings with Mr. A. Johnson and members of your staff at the conclusion of the inspection.

The purpose of this inspection was to review your Quality Assurance Program in the areas of computer code verification, computer code error handling procedures, and pipe support design calculations.

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

During the inspection it was found that the implementation of your QA program failed to meet certain NRC requirements. Two areas of concern were identified during this inspection. The first involves the failure to ensure that calculations are adequately verified. The second involves the failure to properly document instances in which engineering judgement is being utilized in pipe support design calculations. The specific findings and references to the pertinent requirements are identified in the enclosures to this letter.

Please provide us within 30 days from the date of this letter a written statement containing: (1) a description of steps that have been or will be taken to correct these items; (2) a description of steps that have been or will be taken to prevent recurrence; and (3) the dates your corrective actions and preventive measures were or will be completed. Consideration may be given to extending your response time for good cause shown.

The response requested by this letter is 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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In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Gary G. Zech, Chief
Vendor Program Branch
Division of Quality Assurance, Vendor
and Technical Training Center Programs
Office of Inspection and Enforcement

Enclosures:

- 1 Appendix A - Notice of Nonconformance
- 2 Appendix B - Inspection Report No. 99900513/85-01
- 3 Appendix C - Inspection Data Sheets (6 pages)

Distribution

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Region II Section Chief for Watts Bar
Resident Inspector Watts Bar

*See previous concurrence

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