

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-446/85-07

License: CPPR-127

Docket: 50-446

Licensee: Texas Utilities Electric Company
400 North Olive Street
Dallas, Texas 75201

Facility Name: Comanche Peak, Unit 2

Inspection At: Comanche Peak, Unit 2, Glen Rose, Texas

Inspection Conducted: July 10-18, 1985

Inspector: L. D. Gilbert
L. D. Gilbert, Reactor Inspector

8/22/85
Date

Approved: T. F. Westerman
T. F. Westerman, Chief, Comanche Peak Group

8/26/85
Date

Inspection Summary

Inspection Conducted July 10-18, 1985 (Report 50-446/85-07)

Areas Inspected: Routine, unannounced inspection of construction activities including review of procedures and records for welding of safety-related cable tray support modifications. The inspection involved 32 inspector-hours onsite and 2 inspector-hours in office by one NRC inspector.

Results: Within the two areas inspected, no violations or deviations were identified.

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DETAILS1. Persons ContactedPrincipal Licensee Employees

*P. Halstead, Site QA Supervisor

Brown & Root (B&R) Employees

W. E. Baker, Senior Project Welding Engineer

M. Kiernan, Mechanical QC Inspector

A. Contino, Quality Training Supervisor

C. Manning, Certifications Lead

Other licensee and contractor personnel were also contacted during the course of this inspection activity.

*Denotes those present at the exit interview.

2. Safety-Related Cable Tray Supportsa. Review of Procedures

The NRC inspector reviewed the following documents to assure that adequate controls have been established relative to welding of safety-related cable tray support modifications:

- Specification 2323-ES-100, "Electrical Erection Specification"
- Specification 2323-SS-16B, "Structural Steel (Category I)"
- Procedure ECP-10A, "Cable Tray and Hangers Installation Unit 2"
- Procedure CPCPM 7.3A, "Material Storage/Identification for Structural Fabrication"
- Procedure WES 029, "Welding Specification for Field Fabrication and Erection of Structural Steel"
- Weld Procedure No. 10046, "Weld Procedure Specification"
- Instruction QI-QP-11.10-2A, "Inspection of Cable Tray Supports in Unit II"
- Instruction QI-QP-11.21-1, "Requirements for Visual Weld Inspection"
- Instruction QI-QP-16.0-5, "Reporting of Base Metal Defects"

- Procedure CP-QP-2.1, "Training of Inspection Personnel"
- Instruction QI-QP-2.1-14, "Qualification of Electrical Raceway/Support Inspection Personnel"
- Instruction QI-QP-2.1-19, "Qualification of Weld Inspection Personnel"

In the areas reviewed, the above documents appeared to be adequate to control activities for welding of cable tray support modifications.

b. Observation of Work

The NRC inspector observed the QC inspection of two cable tray supports, CTH-9727 and CTH-12808, in the reactor building. Cable tray support CTH-9727 was inspected for structural members and welds specified on Drawing CTH-2-9727. Cable tray support CTH-12808 was inspected for structural members, welds and Hilti bolts specified on Drawing CTH-12808. The above supports were constructed from steel plate, angle iron, and channel iron. No work was in progress on cable tray support modifications involving replacement of structural members with tube steel.

In the areas inspected, the cable tray supports including structural members, welds, and Hilti bolts complied with Instructions QI-QP-11.10-2A and QI-QP-11.21-1.

c. Review of Records

The NRC inspector selected three of the tube steel modified cable tray supports, CTH-11535, CTH-11541A and CTH-11542 for review of the fabrication records. The work package for each support contained the individual support drawing and the operational traveler. Although the work was incomplete, the traveler identified the weld procedure, the welders, and the QC inspectors for work that had been performed.

In the areas reviewed, the cable tray supports were welded by qualified welders using a qualified weld procedure and inspected by certified Level II QC inspection personnel.

No violations or deviations were identified.

3. Exit Interview

The NRC inspector met with the licensee representative denoted in paragraph 1 on July 18, 1985, and summarized the scope and findings of the inspection.