



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

October 20, 1987

Docket Nos. 50-445
and 50-446

APPLICANT: Texas Utilities Electric Company (TU Electric)
FACILITY: Comanche Peak Steam Electric Station Units 1 and 2
SUBJECT: SUMMARY OF MEETING ON SEPTEMBER 14, 1987 - CONDUIT SUPPORTS
GENERIC TECHNICAL ISSUES

On September 14, 1987 the NRC staff and its consultants met with representatives of TU Electric (Applicant) and their design contractors at the offices of Ebasco Services, Inc. in New York City, New York. The meeting notice and list of attendees are provided in Enclosure 1. The purpose of the meeting was to discuss the resolutions to the generic technical issues related to the design of conduit supports (Trains A, B, and C greater than two inches) at the Comanche Peak Steam Electric Station (CPSES).

The conduit support design issues discussed at the meeting were raised primarily during the Independent Assessment Program (Phase 4) conducted by CYGNA Energy Services in 1985. Other conduit support issues identified by sources external to the TU Electric organization including the intervenors, the CPRT third party, and the NRC staff were also discussed. The issue background and the approach to resolve the issues are documented in a report entitled, "Evaluation and Resolution of Generic Technical Issues for Conduits and Conduit Supports,"* Revision 2 dated March 1987. A total of 29 external source issues related to conduit supports were discussed in the meeting. In addition, 4 internally identified issues were addressed. The applicant discussed the overall corrective action program for conduit supports including the as-built walkdowns, design validation approach, and modification programs. Because of the different phases of construction between Unit 1 and Unit 2 when the conduit support corrective action program (CAP) was initiated, the approach used in the CAP for conduit supports in Unit 1 varied from that of Unit 2, accordingly. The major difference between the Unit 1 and Unit 2 approach was that in Unit 1, an as-built validation program was conducted prior to design verification to confirm the conduit routing and support design as installed, whereas in Unit 2 (where conduit installation was in the early stages when the CAP was established) a fully engineered program was established (i.e., conduit routing and support designs were developed by EBASCO prior to installation). Other variations in the Unit 1 and Unit 2 design criteria used in the design verification program were established to account for the difference in the types of conduit support designs existing in the respective units.

* The report was transmitted in a letter from W. Council to USNRC dated May 19, 1987 (TXX-6395).

The slides presented by the applicant describing the conduit support design activities and the resolutions to the generic technical issues are provided as Enclosure 2 to this meeting summary. Following the presentation, the staff selected several reports of special studies and test programs (Enclosure 3) which provide the bases for the acceptance criteria used in the design verification activities for a more detailed review. Upon completion of its review, the staff will report its findings on the conduit support corrective action program and on the acceptability of the resolution to the generic technical issues in a safety evaluation.

David Terao

David Terao, Mechanical Engineer
Comanche Peak Project Division
Office of Special Projects

Enclosures:

1. Meeting Notice
List of Meeting Attendees
2. TU Electric Slides
3. List of Documents

cc: See next page

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David Terao, Mechanical Engineer
Comanche Peak Project Division
Office of Special Projects

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- 2 - Comanche Peak Electric Station
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ENCLOSURE 1

Meeting Notice

List of Attendees