

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report Nos. 50-445/91-35; 50-446/91-35

Operating License No. NPF-87

Construction Permit No. CPPR-127

Licensee: TU Electric
Skyway Tower
400 North Olive Street, L.B. 81
Dallas, Texas 75201


Facility Name: Comanche Peak Steam Electric Station (CPSES), Units 1 and 2

Inspection At: CPSES, Glen Rose, Somerville County, Texas

Inspection Conducted: July 22, 23, and 25, 1991

Inspector: D. L. Kelley, Reactor Inspector, Test Programs Section
Division of Reactor Safety

Approved:


W. C. Seidle, Chief, Test Programs Section
Division of Reactor Safety

7/30/91
Date

Inspection Summary

Inspection Conducted July 22, 23, and 25, 1991 (Report 50-445/91-35)

Areas Inspected: No inspection of Unit 1 was conducted.

Inspection Conducted July 22, 23, and 25, 1991 (Report 50-446/91-35)

Area Inspected: Routine, unannounced inspection of the licensee's construction activities associated with electrical components and systems for Unit 2. The specific inspection activities were: (1) the observation of work activities, and (2) the review of completed work packages.

Results: Within the area inspected, no violations or deviations were identified. The licensee's program for the procedural control of construction activities associated with electrical components and systems appeared to be well documented and displayed. The construction records appeared to be complete and were properly stored.

DETAILS

1. PERSONS CONTACTED

TU Electric

- *C. W. Rau, Unit Project Manager
- *D. Pendleton, Unit 2 Assistant Project Manager
- *R. H. Skiba, Licensing Engineer
- *E. J. Magilley, Senior Quality Control Supervisor
- *K. L. Berdett, Licensing Engineer
- *L. R. Walker, Licensing Engineer
- *T. L. Heatherly, Licensing Engineer
- *J. M. McLemore, Project Construction Engineer
- *J. E. Wren, Construction Quality Assurance Manager

NRC

- *T. F. Stetka, Chief, Plant Systems Section
- *S. D. Bitter, Resident Inspector
- *S. L. Magruder, Reactor Inspector, RIV

CASE

- *O. L. Thero, Consultant

The inspector also interviewed other licensee employees during the course of the inspection.

*Denotes those attending the exit meeting conducted on July 25, 1991.

2. ELECTRICAL COMPONENTS AND SYSTEMS - WORK OBSERVATIONS (51053)

The installation of safety-related electrical components and systems has been completed for several years. Therefore, the inspector was unable to perform the observation of the work activities portion of this inspection module. Additional review of completed work installation documents was conducted to verify previously performed construction activities. (This review is documented in Section 3 of the report.) This inspection module is considered closed.

3. ELECTRICAL COMPONENTS AND SYSTEMS - RECORD REVIEW (51055)

The inspector selected for review 11 completed construction work packages, which are listed in the Attachment to this report. The packages included the installation construction traveler, construction inspection reports, nonconformance reports and resolutions, storage inspections, and preventive maintenance records. The records were examined to determine that they reflected the work accomplished, that the work was performed in accordance with approved procedures, and that any deficiencies or problem areas were identified, evaluated, and corrected.

The inspector noted that the proper receiving inspections had been performed and any identified discrepancies had been corrected and documented. The equipment had been stored in the proper environmental conditions commensurate with its safety classification. The periodic preventive maintenance activities had been accomplished and documented. The required storage inspections were also performed and documented. The installation travelers which specified the movement from storage to final location, leveling, grouting, alignment, weld material, and installation inspections were also examined. Nonconformance reports contained in the packages were examined for correct engineering resolution, corrective action, and final inspection. The packages were also examined to verify that the calibration data for tools and gauges were properly recorded. The 11 construction work packages appeared complete and detailed, and were readily retrievable.

No violations or deviations were identified during this portion of the inspection.

4. EXIT MEETING

The inspection scope and findings were summarized in an exit meeting on July 25, 1991, with the personnel identified in paragraph 1 of the report. The licensee did not identify as proprietary any of the materials provided to, or reviewed by, the inspector during the inspection.

ATTACHMENT

DOCUMENTS REVIEWED

Construction Records

CP2-CCAPCC 92(M), Component Cooling Water Pump (Motor)
CP2-SWAPSW--01(M), Service Water Pump (Motor)
CP2-CCAPCC-02, Component Cooling Water Pump
CP2-SWAPSW-01, Service Water Pump
CP2-AFAPMD-02, Motor Driven Auxiliary Feedwater Pump
CP2-AFAPMD-02(M), Motor Driven Auxiliary Feedwater Pump (Motor)
CP2-EPBTED-02, Battery, Class 1E
CP2-EPBTED-04, Battery, Class 1E
CP2-EPMCEB-01, 480V MCC (2EB1-1)
CP2-EPSWEB-03, 480V Power Center (2EB3)
CP2-ECPRLV-15, Shutdown Transfer Panel