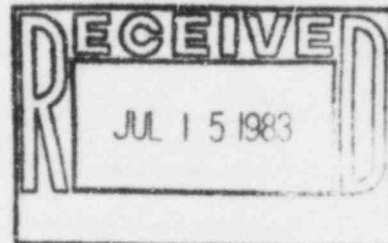


TEXAS UTILITIES GENERATING COMPANY

2001 BRYAN TOWER • DALLAS, TEXAS 75201

July 12, 1983
TXX-4005

MICHAEL D. SPENCE
PRESIDENT



Mr. G. L. Madsen, Chief
Reactor Project Branch 1
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76012

Docket Nos.: 50-445
50-446

COMANCHE PEAK STEAM ELECTRIC STATION
CABLE TRAY CLAMPS
QA FILE: CP-83-15, SDAR-115
FILE NO.: 10110

Dear Mr. Madsen:

In accordance with 10CFR50.55(e), we are submitting the enclosed report of actions taken to correct a deficiency regarding the bolting material used for cable tray clamps.

Supporting documentation is available at the CPSES site for your Inspector's review.

Very truly yours,

Michael D. Spence

MDS:ln
Enclosure

cc: NRC Region IV - (0 + 1 copy)

Director, Inspection & Enforcement (15 copies)
U. S. Nuclear Regulatory Commission
Washington, DC 20555

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ATTACHMENT

CABLE TRAY CLAMPSDescription of the Deficiency

The structural drawing showing the attachment of cable tray to the associated supports requires the use of high strength (ASTM A-325) bolting materials. Per the construction specification 2323-SS-16B, high strength bolts are to be torqued to a specific value based on bolt size and material. A field review of installed conditions revealed that the bolts used were mild steel type (ASTM A-307). This type of bolting material is not acceptable per the design detail requirements. The design calculations indicate high strength bolting material is required for supports utilizing heavy-duty cable tray clamps.

Safety Impact

In the event the deficiency had gone undetected, the capability of the heavy-duty clamps in combination with mild steel bolting material could not have been assured under maximum design loading conditions.

Corrective Action

Further review of the calculations has indicated mild steel bolting material is acceptable for regular cable tray support clamps. A design change has been issued to recognize the acceptability of these applications. For supports requiring heavy-duty cable tray clamps, the bolting material and torque will be verified by site quality control. Rework will be performed as required. Future installations will be performed and inspected in strict accordance with the design requirements.