

TEXAS UTILITIES GENERATING COMPANY

2001 BRYAN TOWER • DALLAS, TEXAS 75201

R. J. GARY
EXECUTIVE VICE PRESIDENT
AND GENERAL MANAGER

June 11, 1982
TXX-3527

Mr. G. L. Madsen, Chief
Reactor Projects Branch
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
ORIFICE PLATES SUPPLIED OUTSIDE TOLERANCE
FILE NO. 10110

Dear Mr. Madsen:

In accordance with 10 CFR 50.55(e), we are submitting the attached report of actions taken to correct a deficiency regarding orifice plates supplied outside tolerance. We had previously informed your Mr. R. G. Taylor of the deficiency and submitted interim reports TXX-3449 and TXX-3491 dated December 17, 1981 and March 10, 1982, respectively.

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

We anticipate completion of the corrective action by September 1, 1982.

Very truly yours,

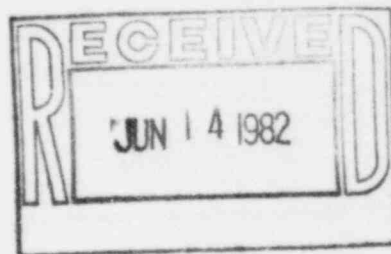
R. J. Gary
R. J. Gary

RJG:med

Attachment

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

Director, Inspection and Enforcement - (15 copies)
c/o Distribution Services Branch, DDC, ADM.
U. S. Nuclear Regulatory Commission
Washington, DC 20555



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PDR

ATTACHMENT
ORIFICE PLATES SUPPLIED OUTSIDE TOLERANCE

DESCRIPTION OF DEFICIENCY

In 1979, the Supplier calculated the shape of orifice plates using a computer program specifically prepared for CPSES. The program utilized data sheets identifying flow, temperature, line pressure, and required Delta P as issued by the A/E in accordance with the Technical Specifications. These activities were subjected to design control measures specified by the Supplier's quality assurance program. The orifice plates were manufactured accordingly.

In 1980, the Supplier elected to perform future calculations using a standard computer program. In 1981, when requested by the A/E to re-verify engineering calculations, discrepancies resulting in plate sizing outside specified tolerances were observed. Input parameters were not altered.

Subsequent review and audit of Supplier activities indicate the order for the orifice plates was not processed as a "nuclear" order. The orifice plates were not manufactured in accordance with an established quality program.

SAFETY IMPLICATIONS

Had the deficiency gone undetected, local process instrumentation would output incorrect information to the operator such that violations of the technical specifications of the plant could occur.

CORRECTIVE ACTIONS

The orifice plates manufactured by the Supplier have been identified as nonconforming and dispositioned as scrap. All orifice plates affecting plant safety will be procured from a (different) Supplier and manufactured in accordance with an approved and established quality program.

DATE OF IMPLEMENTATION

Procurement activities are established for the replacement orifice plates. The delivery of these items is anticipated to be complete September 1, 1982.