



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

April 10, 2000  
NOC-AE-00000799  
File No.: G03.08  
10CFR50

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Supplement to Response to Request for  
Additional Information: Generic Letter 96-06

Reference: Response to Request for Additional Information: Generic Letter 96-06, D. A. Leazar, South Texas Project, to NRC Document Control Desk, dated February 21, 2000 (NOC-AE-000745)

Pursuant to a telephone conversation with the Nuclear Regulatory Commission staff conducted June 24, 1999, the South Texas Project submitted responses, as referenced above, to questions regarding calculations performed to determine the potential for piping overpressurization. Calculated piping pressures were found to result in stresses that are within the ASME Code allowable limits for a faulted condition based on Appendix I of ASME Section III, 1974 Edition. The staff subsequently requested the following:

- *What was the faulted condition factor used?*

The allowable stress limits for the faulted condition are derived by applying a faulted condition factor of 2.4 to the Appendix I stress values.

- *How do the faulted condition limits compare to those in the Updated Final Safety Analysis Report.*

The faulted condition limits are bounded by the limits referenced in the South Texas Project Updated Final Safety Analysis Report, Section 3.9.3 and associated tables.

If there are any questions, please contact either Mr. P. L. Walker at (361) 972-8392 or me at (361) 972-7162.

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