



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

October 31, 2013  
NOC-AE-13003040  
10 CFR 50

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 and STN 50-499  
Submittal of GSI-191 Chemical Effects Test Reports  
(TAC Nos. MF2400 and MF2401)

Per request from the NRC staff, please find attached the documents that summarize Generic Safety Issue (GSI)-191 chemical effects bench top and tank testing performed at the University of New Mexico. This testing supports the STP Nuclear Operating Company (STPNOC) pilot application for a risk-informed methodology for the resolution of GSI-191. The staff indicated that CHLE-001, 002, 003, 004, 009, 011, and 013 need not be submitted. CHLE-017 is not attached since it is already available in ADAMS (ML13098A511).

There are no commitments in this letter.

If there are questions regarding this response, please contact Ken Taplett at 361-972-8416, or me at 361-972-8164.

Michael P. Murray  
Manager, Regulatory Affairs

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Attachments:

1. CHLE-005: Determination of the Initial Pool Chemistry for the CHLE Test
2. CHLE-006: STP Material Calculations
3. CHLE-007: Debris Bed Requirements and Preparation Procedures
4. CHLE-008: Debris Bed Preparation and Formation Test Results
5. CHLE-010: CHLE Tank Test Results for Blended and NEI Fiber Beds with Aluminum Addition
6. CHLE-012: T1 MBLOCA Test Report
7. CHLE-014: T2 LBLOCA Test Report
8. CHLE-015: Summary of Chemical Effects Testing in 2012 for STP GSI-191 License Submittal
9. CHLE-016: Calculated Material Release to Estimate Chemical Effects
10. CHLE-018: Results of Bench Tests to Assess Corrosion of Aluminum in STP Containment Conditions
11. CHLE-019: Test Results for Chemical Effects Tests Stimulating Corrosion and Precipitation (T3 & T4)
12. CHLE-020: Test Results for 10-day Chemical Effect Test Simulating LBLOCA Condition (T5)

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NRC

STI 33762096

cc: (paper copy)

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