

**SOUTH TEXAS PROJECT UNITS 3 AND 4 COMBINED LICENSE
APPLICATION, TECHNICAL SUPPORT CENTER RADIOLOGICAL DOSE CALCULATION
AUDIT PLAN**

A. Background

To ensure that the Technical Support Center (TSC) designed for the South Texas Project (STP) Units 3 and 4 plants meet the Acceptance Criteria 3, "Technical Support Center Radiological Habitability," in SRP Section 15.0.3, the applicant must perform a radiological consequence analysis for the TSC under postulated design basis accidents. In Request for Additional Information (RAI) 13.03.73, Revision 1, the staff requested, among other things, the applicant to provide a radiological consequence analysis. In its response dated October 7, 2009 to RAI 13.03-73, Revision 1, the applicant stated that a radiological consequence analysis for the TSC would be completed and provided to NRC in a supplemental response to this RAI by May 31, 2010. In its revised response dated June 1, 2010 to RAI 13.03-73, Revision 1, the applicant stated that the DBA radiological consequence analyses calculation is available for Nuclear Regulatory Commission (NRC) review.

The purpose of the audit is for the staff to confirm that the radiological consequence dose calculation and its supporting documentation for the TSC meets Acceptance Criteria 3 in SRP Section 15.0.3.

B. Regulatory Audit Bases

This regulatory audit is based on Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix E.IV.E.8, 10 CFR 50.47(b)(8), and Supplement 1 to NUREG-0737.

C. Regulatory Audit Scope or Methodology

The area of focus for the audit is the STP Units 3 and 4 TSC radiological consequence analyses calculations and its supporting documentation.

D. Audit Team

The following are the audit team members:

Jay Lee, NRO Audit Team Lead
Adrian Muñiz, NRO Licensing

E. Logistics

Date: June 25, 2010.
Time: 8:30 a.m. – 10:30 a.m.
Location: Westinghouse
Washington Operations
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852
Tel. 301-881-7040/7042

F. Deliverables

The audit team will issue a regulatory audit summary within 90 days after completing the audit.

Enclosure