



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 18, 2011

Mr. G.T. Powell
Vice President, Technical Support and Oversight
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, TX 77483

SUBJECT: AUDIT REPORT REGARDING SOUTH TEXAS PROJECT LICENSE RENEWAL
APPLICATION – CULTURAL RESOURCE

Dear Mr. Powell:

By letter dated October 25, 2010, STP Nuclear Operating Company (STPNOC), submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54), to renew the operating license for South Texas Project (STP) for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). On May 23, 2011, the NRC audit team completed the cultural resource audit associated with the license renewal review. The audit report is enclosed.

If you have any questions, please contact Tam Tran at 301-415-3617 or by e-mail at Tam.Tran@nrc.gov.

A handwritten signature in black ink, appearing to read "Tam Tran", is positioned above the typed name and title.

Tam Tran, Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulations

Docket No. 50-498 and 50-499

Enclosure:
As stated

cc w/encl: Listserv

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION - DIVISION OF LICENSE RENEWAL

Docket No: 50-498 and 50-499

License No: NPF-76 and NPF-80

Licensee: STP Nuclear Operating Company

Facility: South Texas Project

Location: South Texas Project, Units 1 and 2
Bay City, TX (90 miles Southwest of Houston, TX)
in Region IV

Dates: May 23-25, 2011

Approved By: Andy Imboden, Chief
Environmental Review Branch (RERB)
Division of License Renewal
Office of Nuclear Reactor Regulation

ENCLOSURE

CULTURAL RESOURCE AUDIT TRIP REPORT FOR THE SOUTH TEXAS PROJECT LICENSE RENEWAL APPLICATION

I. Introduction

During the week of May 23-25, 2011, the Division of License Renewal, Environmental Review Branch (RERB), performed an audit of the STP Nuclear Operating Company (the applicant) license renewal cultural resource information developed to support the license renewal application (LRA) for the South Texas Project (STP). The audit was performed at the applicant's facility located in Bay City, Texas. The focus of the staff's audit was to confirm the applicant's information contained in the STP LRA. The scope of this onsite audit was to interview personnel and to perform facility survey (plant tour) of the site conditions in order to (a) obtain original reference material supporting the ER, (b) verify environmental compliance activities, and (c) gain an overview of the site and any potential environmental issues.

The regulatory bases for the audit were Title 10 of the *Code of Federal Regulations* Part 51 (10 CFR Part 51), "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," and NUREG-1555, Supplement 1, "Environmental Standard Review Plan."

II. Site Audit

Entrance meeting - 9:00 a.m., May 24, 2011, at STP's Nuclear Support Center. The audit team conducted a briefing of the audit objectives with the applicant.

Document review - the team reviewed the information requested in the audit needs list and held technical discussions with STP personnel regarding cultural resource at STP.

Facility survey (tour) - 10:30 a.m. The team accompanied by STP personnel toured the STP site. The team reconvened at the Nuclear Support Center for a team summary discussion and to conduct an exit briefing.

III. Final Briefing

A final (exit) briefing was held with the applicant on May 24, 2011, to discuss the results of the cultural resource audit. The audit team identified preliminary areas where additional information would be required to support completion of the staff's LRA review. There are two issues that require the applicant to document a response and submit the response to NRC in order to reference this information in the NRC license renewal supplemental environmental impact statement (SEIS). These items will be documented in a request for additional information (RAI) to be issued to the applicant.

- The applicant will document the process that was used to identify the three historic sites located approximately 4 miles northeast of the STP site. The third site is missing from the records. The applicant will need to provide clarification.
- A historic grave site is located on the STP property. The applicant will document that no ground disturbing activities are planned to occur in this location. The applicant will also describe its continued commitment to follow its corporate procedures regarding

inadvertent discoveries, if ground disturbing activities are to take place in the location of the known historic grave site.

IV. NRC Audit Team Members

Allison Travers	Office of Nuclear Reactor Regulation (NRR)/Division of License Renewal (DLR) – Team Lead
Tara O'Neil	Pacific Northwest National Laboratory, Cultural Resource Scientist

V. Applicant Personnel Contacted During Audit

Sandra Dannhardt	STP Environmental Manager
Krista Dearing	Tetra Tech Environmental Report Manager
Kathy Roxlau	Van Citters Historic Preservation, Archaeologist

VI. Data Gathering

No documents or records were taken from the STP site. All documents and records reviewed were left with Sandy Dannhardt (STP Environmental Manager).

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ADAMS Accession No.: ML11173A304

OFFICE	PM:RPB1:DLR	LA:DLR	BC:RERB:DLR	BC:RPB2:DLR
NAME	TTran	IKing	Almboden (SKlementowicz for)	DWrona
DATE	6/29/11	6/27/11	6/30/11	7/15/11
OFFICE	PM:RPB1:DLR			
NAME	TTran			
DATE	7/18/11			

OFFICIAL RECORD COPY

Letter to G.T Powell from T. Tran dated July 18, 2011.

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APPLICATION – CULTURAL RESOURCE

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