



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

February 16, 2012

LICENSEE: STP Nuclear Operating Company

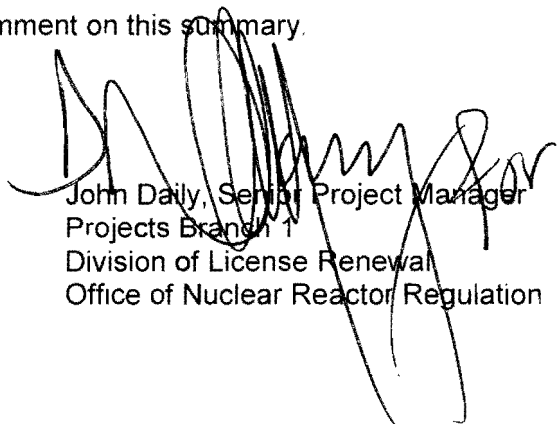
FACILITY: South Texas Project

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JANUARY 4, 2012, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND STP NUCLEAR OPERATING COMPANY, REGARDING CLARIFICATIONS ON CONTAINMENT TENDON PRESTRESS AND ONE REQUEST FOR ADDITIONAL INFORMATION, FOR THE SOUTH TEXAS PROJECT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION (TAC. NOS. ME4936 AND ME4937)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of STP Nuclear Operating Company (STPNOC or the applicant) held a telephone conference call on January 4, 2012, to discuss and clarify issues related to the applicant's containment tendon prestress programs and to discuss applicant questions regarding request for additional information (RAI) 4.7.3-2, for the South Texas Project, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the questions and issues for both staff and applicant.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the issues discussed with the applicant, including a brief description of the status of the items.

The applicant had an opportunity to comment on this summary.



John Daily, Senior Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosures:
As stated

cc w/encls: Listserv

SUMMARY OF TELEPHONE CONFERENCE CALL
SOUTH TEXAS PROJECT
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
JANUARY 4, 2012

<u>PARTICIPANTS</u>	<u>AFFILIATIONS</u>
John Daily	Nuclear Regulatory Commission (NRC)
Bill Holston	NRC
Angela Buford	NRC
John Wise	NRC
James Gavula	NRC
Arden Aldridge	STP Nuclear Operating Company (STPNOC)
Ken Taplett	STPNOC
Mark Wales	STPNOC
Gary Warner	STARS Center of Business (COB)
Donald (Brett) Lynch	COB

TELEPHONE CONFERENCE CALL
SOUTH TEXAS PROJECT
LICENSE RENEWAL APPLICATION
JANUARY 4, 2012

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of STP Nuclear Operating Company (STPNOC or the applicant) held a telephone conference call on January 4, 2012, to discuss and clarify the following issues and requests for additional information (RAIs) related to the license renewal application (LRA).

The participants indicated that the call was useful in clarifying the questions discussed.

Issues and discussions:

Staff identified questions regarding LRA Section 4.5, "Absence of TLAA for Concrete Containment Tendon Prestress Analysis," and GALL AMP X.S1, for Containment Tendon Prestress. Staff noted apparent anomalies in the applicant's discussions related to the grouping of containment tendons, in tendon surveillance frequencies, scheduling and performance, and whether temperature effects have been factored in to predicted results, especially when related to guidance in Reg Guide 1.35 and ASME Code Section IWL. The applicant and the staff discussed these items and looked at various information and data already provided by the applicant in its RAI responses. With the exception of some issues pertaining to how the applicant applied its reasoning regarding interpretations of tendon surveillances at the three-year point of a given unit's life, the information and discussion appeared to resolve the staff's questions. The staff indicated it would continue to review these items, and if further information is needed, then it will issue an RAI.

Applicant requested clarifying information on RAI 4.7.3-2. The issue presented in RAI 4.7.3-2 is that the staff is not convinced that visual inspections alone will be capable of prompting followup thickness measurements such that the 40-mil corrosion allowance will not be exceeded during the period of extended operation. The staff believes that visual examinations may need to be augmented with physical measurements, using tools such as inside calipers, to ensure that corrosion is not approaching the limit. Given that physical measurements might be required to augment the visual inspections, or alternatively, some sort of sampling inspection performed to validate that the visual inspections are performing adequately, the RAI requests further details on how the program will manage this time-limited aging analysis, such as how often physical measurements will be conducted, how many locations will be checked, how the most susceptible location will be selected, what devices will be used, and the criteria that would result in a followup volumetric examination. The staff and the applicant discussed this viewpoint and the applicant indicated that it now better understands the staff's concerns; the applicant indicated it would consider these things in preparing its response.

Memorandum to File from J. Daily dated January xx, 2012

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/RA DMorey for/

John Daily, Senior Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

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DATE	02/ 08 /12	02/ 13 /12	02/ 16 /12	02/ 16 /12

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