



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

December 6, 2011

LICENSEE: STP Nuclear Operating Company

FACILITY: South Texas Project

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON NOVEMBER 17, 2011, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND STP NUCLEAR OPERATING COMPANY, CONCERNING CLARIFICATIONS TO SOME RESPONSES TO REQUESTS FOR ADDITIONAL INFORMATION - SOUTH TEXAS PROJECT UNITS 1 AND 2 LICENSE RENEWAL APPLICATION (TAC. NOS. ME4936, 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 November 17, 2011, to discuss and clarify some applicant responses to requests for additional information (RAIs) for the South Texas Project, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the topics discussed with the applicant, including a brief description of the status of the items. As a result, three sets of actions were agreed to by the applicant (see Enclosure 2).

The applicant had an opportunity to comment on this summary.

A handwritten signature in black ink, appearing to read "John W. Daily, Sr.", written in a cursive style.

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

Docket Nos.: 50-498, 50-499

Enclosures:
As stated

cc w/encls: Listserv

TELEPHONE CONFERENCE CALL
SOUTH TEXAS PROJECT
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
NOVEMBER 17, 2011

<u>PARTICIPANTS</u>	<u>AFFILIATIONS</u>
John Daily	NRC
Bill Rogers	NRC
Bryce Lehman	NRC
Alice Erickson	NRC
Dennis Morey	NRC
Dan Naus	CNWRA - SWRI
Mike Berg	STPNOC
Ken Taplett	STPNOC
Gary Warner	STARS COB
Albert (Chet) McIntyre	STPNOC
James Johnson	STARS COB
Brett Lynch	STARS COB

TOPICS DISCUSSED
STP LICENSE RENEWAL APPLICATION
NOVEMBER 17, 2011

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 November 17, 2011, to discuss and clarify some applicant responses to requests for additional information (RAIs) for the South Texas Project, Units 1 and 2, license renewal application.

The participants indicated that the call was useful in clarifying the questions discussed. The applicant has agreed to the actions listed in 2(b), 2(c), and 2(d) below.

1) Issues

- a) STP will give a status update on its work at submitting supplemental and RAI responses.
- b) Discuss the STP response to RAI B2.1.32-06 regarding the Structures Monitoring Program and standing water between the Containment Building and the Fuel Handling Building. The following is a summary of the questions:
 - i) When will the applicant drain the water?
 - (1) Will it be performed on a set frequency, prior to inspections, when the water reaches a particular level, etc.?
 - (2) When will it be performed initially?
 - ii) What will the frequency of inspection be under the Structures Monitoring Program (SMP)? Is the "5 years" because it is exposed to ground water in leakage?
 - iii) It appears the response says this area will be inspected under the SMP; however, the staff believes the containment wall should be inspected under the ASME Code, Section IWL. Please clarify.
- c) Discussion/update on turbine building components in-scope or not.
- d) Discussion on values given in the RAI 4.7.1-1 response.
 - i) For the Refueling Building Cask-handling overhead crane, the staff is not sure why STP says "(10 refuels)" and "(20 refuels)" respectively for their 40-year and 60-year calculations, even though STP stated cask loading is assumed to begin in year 30 of plant operation.
 - ii) The staff doesn't understand why this crane's work would be related to a refueling cycle, or if it's really based on something else, (e.g., number of casks to load up each year, or other basis). Plus, the upper value of 740 – it isn't clear why this number is 740.

ENCLOSURE 2

2) Results

- a) The applicant provided an update on its expected delivery dates for deliverables related to supplemental information and RAI Set 1 (except for one RAI) – 11/22; RAI Set 2 (except for Aluminum-bronze issues) – 11/22; RAI Set 5 – 11/22; RAI Set 2 Aluminum-bronze issues – 12/8; RAI Set 1 final RAI – 12/8; and the annual update submittal, 11/30.
- b) The applicant agreed to submit a supplemental response related to RAI B2.1.32-06 that will clarify the questions above.
- c) The applicant agreed to supplement B2.1-2 to cover the following:
 - i) Specify what specific NS systems, or portions of systems, were included in scope for (a)(2) as a result of the potential for interaction with the SR components in the turbine buildings, and;
 - ii) Provide information indicating the LR drawings that have highlighted portions to indicate these components.
- d) The applicant agreed to supplement its RAI response to more fully describe its reasoning that brought it to the values above, namely, the “10 refuels,” “20 refuels,” how the crane’s work is related to a refueling cycle, and why the upper bound for the 60-year PEO is 740 lifts. The description should be such that an independent reviewer can reconstruct and follow the logic, and verify that the values are correct.

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/RA/

John W. Daily, Sr. Project Manager
Projects Branch 1
Division of License Renewal
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NAME	SFigueroa	JDaily	DMorey	JDaily
DATE	12/2/11	12/6/11	12/6/11	12/6/11

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Memorandum to STP Nuclear Operating Company from J. Daily dated December 6, 2011

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