PMSTPCOL PEmails

From: Joseph, Stacy
Sent: Thursday, September 24, 2009 1:04 PM
To: 'Cashell, George S'; STPCOL
Subject: DRAFT Supplementary RAI Related to Chapter 14.3
Attachments: RAI 3635.doc

Steve,

Please review the attached supplementary RAI for Chapter 14.3.6. Please review and let me know within 5 days whether STP requires a telecon in order to clarify the RAI.

Thank you,

Stacy Joseph
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U. S. Nuclear Regulatory Commission
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Sent Date: 9/24/2009 1:04:00 PM
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From: Joseph, Stacy

Created By: Stacy.Joseph@nrc.gov

Recipients:
"'Cashell, George S'" <gscashell@STPEGS.COM>
Tracking Status: None
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None

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Request for Additional Information No. 3635 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 14.03.06 - Electrical Systems - Inspections, Tests, Analyses, and Acceptance Criteria
Application Section: 14.03.06

QUESTIONS for Electrical Engineering Branch (EEB)

14.03.06-***

In RAI 14.03.06-5, the staff requested that the applicant address the ITAAC provided for lightning and grounding protection for the offsite power system. In response to the staff request for additional information, the applicant added item 8 to COLA Part 9, Section 3.0, Table 3.0-2. This item, however, under the Heading “Inspections, Tests, Analyses,” specifies that, “Inspections of the as-built offsite power system will be performed.” Additionally, under the Heading “Acceptance Criteria,” this item requires confirmation that “Lightning protection and grounding features exist for the offsite power system.”

Subsection 8A.1.3 of the STP FSAR states: “Ground resistance measurements will be performed per guidance provided by IEEE-81 to determine that the required value of one ohm or less has been met and additions to the system will be made, if necessary, to meet the target resistance after site preparation and prior to construction of the permanent buildings.” Confirm that ground resistance measurements will be performed in accordance with the above cited FSAR subsection and that the acceptance criteria will be less than 1 ohm as specified in the same subsection. The columns “Inspections, Tests, Analyses” and “Acceptance Criteria” of COLA Part 9, Section 3.0, Table 3.0-2, should be revised accordingly.