

## PMSTPCOL PEmails

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**From:** Tai, Tom  
**Sent:** Tuesday, June 23, 2009 2:49 PM  
**To:** gscashell@stpegs.com  
**Cc:** STPCOL; Joseph, Stacy; Mookhoek, William  
**Subject:** Adv Copy - Letter 128 w/ RAIs 2868 and 2949  
**Attachments:** ML0917306894 Ltr 128.pdf

Bill,

Attached for your use is an advance copy of RAI 2868 and 2949 in letter 128.

The formal copy is being issued.

Regards

Tom Tai  
DNRL/NRO  
(301) 415-8484  
[Tom.Tai@NRC.GOV](mailto:Tom.Tai@NRC.GOV)

**Hearing Identifier:** SouthTexas34Public\_EX  
**Email Number:** 1336

**Mail Envelope Properties** (C56E360E9D804F4B95BC673F886381E71FBAE37F50)

**Subject:** Adv Copy - Letter 128 w/ RAIs 2868 and 2949  
**Sent Date:** 6/23/2009 2:48:47 PM  
**Received Date:** 6/23/2009 2:48:50 PM  
**From:** Tai, Tom

**Created By:** Tom.Tai@nrc.gov

**Recipients:**

"STPCOL" <STP.COL@nrc.gov>  
Tracking Status: None  
"Joseph, Stacy" <Stacy.Joseph@nrc.gov>  
Tracking Status: None  
"Mookhoek, William" <wemookhoek@STPEGS.COM>  
Tracking Status: None  
"gscashell@stpegs.com" <gscashell@stpegs.com>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

| Files                    | Size | Date & Time          |
|--------------------------|------|----------------------|
| MESSAGE                  | 219  | 6/23/2009 2:48:50 PM |
| ML0917306894 Ltr 128.pdf |      | 97292                |

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

June 23, 2009

Mr. Scott Head, Manager  
Regulatory Affairs  
STP Nuclear Operating Company  
P. O. Box 289  
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 128 RELATED TO  
SRP SECTION 14.3 FOR THE SOUTH TEXAS PROJECT COMBINED  
LICENSE APPLICATION

Dear Mr. Head

By letter dated September 20, 2007, STP Nuclear Operating Company (STP) submitted for approval a combined license application pursuant to 10 CFR Part 52. The U. S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within **30** days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

S. Head

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If you have any questions or comments concerning this matter, I can be reached at 301-415-2849 or by e-mail at [Stacy.Joseph@nrc.gov](mailto:Stacy.Joseph@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Stacy Joseph, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-012  
52-013

eRAI Tracking No. 2868 and 2949

Enclosures:  
Request for Additional Information

cc: William Mookhoek  
Steve Cashell

S. Head

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-2849 or by e-mail at [Stacy.Joseph@nrc.gov](mailto:Stacy.Joseph@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Stacy Joseph, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-012  
52-013

eRAI Tracking No. 2868 and 2949

Enclosures:  
Request for Additional Information

cc: William Mookhoek  
Steve Cashell

Distribution:  
PUBLIC  
NGE 1/2 R/F  
GWunder, NRO  
BAbeywickrama, NRO  
RJenkins, NRO  
APal, NRO  
BBhatia, NRO  
SKirkwood, OGC  
RidsNroDeEEB  
RidsNroDnrlNge2

**ADAMS Accession No. ML091730689**

**NRO-002**

|        |              |          |                    |           |           |
|--------|--------------|----------|--------------------|-----------|-----------|
| OFFICE | EEB/TR       | EEB /BC  | NGE2/PM            | OGC       | NGE2/L-PM |
| NAME   | APal/BBhatia | RJenkins | SJospeh (TTai for) | SKirkwood | GWunder   |
| DATE   | 5/20/09      | 5/21/09  | 6/23/09            | 6/12/09   | 6/12/09   |

**\*Approval captured electronically in the electronic RAI system.**

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2868 Revision 0**

**South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co.  
Docket No. 52-012 and 52-013**

**SRP Section: 14.03 - Inspections, Tests, Analyses, and Acceptance Criteria  
Application Section: 14.3**

QUESTIONS for Electrical Engineering Branch (EEB)

**14.03-\*\*\***

Acceptance Criteria of Item 11, in Table 2.12.1, "Electric Power Distribution System," Acceptance criteria of item 8 in Table 2.12.2, "Direct Current Power Supply," Acceptance criteria of item 10 in Table 2.12.14, "Vital AC Power Supply," and acceptance criteria of item 9 in Table 2.12.15, "Instrument and Control Power Supply," of Part 9 of the STP COLA address the system interrupting devices coordination and state that "Analysis of as-built----- and concludes that to the maximum extent possible, the analyzed circuit interrupter closest to the fault will open before other devices." Please modify the acceptance criteria to include a justification of acceptability of those instances when coordination can not be achieved.

Enclosure

**Request for Additional Information No. 2949 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- Inspection, Test, Analyses, and Acceptance Criteria**

QUESTIONS for Electrical Engineering Branch (EEB)

**14.03.06-\*\*\***

In Table 3.0-2, Section 3.0 of Part 9 of the STP COLA, Site-Specific ITAAC, the applicant provided ITAAC for the offsite power system. However, no ITAAC is provided for lightning and grounding protection for the offsite power system. SRP Section 14.3.6 recommends that ITAACs for lightning and grounding protection should be developed. Please provide ITAACs for lightning and grounding protection for the offsite power system or provide a discussion on why these are not required .