

## PMSTPCOL PEmails

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**From:** Govan, Tekia  
**Sent:** Thursday, May 21, 2009 4:29 PM  
**To:** 'Head, Scott'  
**Cc:** STPCOL; 'jeprice@stpegs.com'  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER No. 107 and 108  
**Attachments:** ML091400432.pdf; ML091410197.pdf

Attached you will find the publically available ADAMS files which contains the "REQUEST FOR ADDITIONAL INFORMATION LETTER No.107 and 108 RELATED TO SRP SECTION 04.06 and 04.02 respectively FOR THE SOUTH TEXAS PROJECT COMBINED LICENSE APPLICATION ." This email is being sent to satisfy the delivery date noted on the letter, however a copy of this document has been sent to you via postal mail.

If you have any questions or concerns, please do not hesitate to contact me.

Tekia V. Govan, Project Manager  
U.S. Nuclear Regulatory Commission  
Office of New Reactors  
MS T-7-F29  
Washington DC 20555-0001  
301-415-6197  
[Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov)

**Hearing Identifier:** SouthTexas34Public\_EX  
**Email Number:** 1261

**Mail Envelope Properties** (83F82891AF9D774FBBB39974B6CB134F92A7A9DA75)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER No. 107 and 108  
**Sent Date:** 5/21/2009 4:28:34 PM  
**Received Date:** 5/21/2009 4:28:35 PM  
**From:** Govan, Tekia

**Created By:** Tekia.Govan@nrc.gov

**Recipients:**

"STPCOL" <STP.COL@nrc.gov>  
Tracking Status: None  
"jeprice@stpegs.com" <jeprice@stpegs.com>  
Tracking Status: None  
"Head, Scott" <smhead@STPEGS.COM>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	714	5/21/2009 4:28:35 PM
ML091400432.pdf	75970	
ML091410197.pdf	77009	

**Options**

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

May 21, 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. 107 RELATED TO  
SRP SECTION 04.06 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

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

S. Head

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-012 and 52-013  
eRAI Tracking No. 2364 and 2370

Enclosure:  
Request for Additional Information

cc:  
William Mookhoek  
Richard Bense

Distribution:  
PUBLIC  
NGE 1/2 R/F  
GWunder, NRO  
BAbeywickrama, NRO  
JGilmer, NRO  
JDonoghue, NRO  
SBrock, OGC  
RidsNroDserRsac  
RidsNroDnrlNge2

**ADAMS Accession No.:**ML091400432

NRO-002

OFFICE	SRSB/TR	SRSB/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	JGilmer	JDonoghue	TGovan	SBrock	GWunder
DATE	04/23/2009	04/23/2009	04/28/2009	05/05/2009	05/21/2009

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

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2364 Revision 2**

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

**SRP Section: 04.06 - Functional Design of Control Rod Drive System  
Application Section: 4.6.1.2.3**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

**04.06-2**

In Section 4.6.1.2.3, "Hydraulic Control Units", Standard Departure 4.6-1 deletes the phrase "a small pump and associated", so that the text would read "The test fixture contains hydraulic controls to pressurize the underside of the hollow piston." Since hydraulic controls alone cannot perform the pressurization function, please clarify the intended description of the special test fixture and revise FSAR accordingly.

Enclosure

**Request for Additional Information No. 2370 Revision 2**

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

**SRP Section: 04.06 - Functional Design of Control Rod Drive System  
Application Section: 4.6.1.2.4.1**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

**04.06-3**

In Section 4.6.1.2.4.1, it is stated that "Approximately 4 L/min purge flow is provided to the NBS reference leg instrument lines." Provide the basis (assumptions, boundary conditions, references) for this value.

May 21, 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. 108 RELATED TO SRP  
SECTION 04.02 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

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-012  
52-013

eRAI Tracking No. 2579 and 2580

Enclosure:  
Request for Additional Information

cc:  
William Mookhoek  
Richard Bense

S. Head

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

**/RA/**

Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-012 and 52-013

eRAI Tracking No. 2579 and 2580

Enclosure:  
Request for Additional Information

cc:  
William Mookhoek  
Richard Bense

Distribution:  
PUBLIC  
NGE 1/2 R/F  
GWunder, NRO  
BAbeywickrama, NRO  
JDorn, NRO  
JDonoghue, NRO  
SBrock, OGC  
RidsNroDserRsac  
RidsNroDnrlNge2

**ADAMS Accession No. ML091410197**

**NRO-002**

OFFICE	SRSB/TR	SRSB/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	JDorn	JDonoghue	TGovan	SBrock	GWunder
DATE	04/09/2009	04/21/2009	04/21/2009	05/05/2009	05/21/2009

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

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2579 Revision 2**

**South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. 52-012 and 52-013  
SRP Section: 04.02 - Fuel System Design  
Application Section: 4B. Fuel Licensing Acceptance Criteria**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

**04.02-1**

The first full paragraph under Section 4B.2 references "Section 4.2.II.D.3 of the Standard Review Plan (SRP)". This should be Section 4.2.II.4.C. Please explain the discrepancy and correct as necessary.

Enclosure

**Request for Additional Information No. 2580 Revision 2**

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

**SRP Section: 04.02 - Fuel System Design**

**Application Section: 4D. Reference Fuel Design Compliance with Acceptance Criteria**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

**04.02-2**

The standard administrative departure in STP-3/4 COL was identified to be in Table 4D-1 on pg. 4D-7. Page 4D-7 refers to the page in the ABWR DCD. This corresponds to page 4D-5 in the STP-3/4 COL. Provide clarification of this inconsistency in the STP-3/4 COL text.