

## PMSTPCOL PEmails

---

**From:** Govan, Tekia  
**Sent:** Wednesday, June 03, 2009 5:09 PM  
**To:** 'Head, Scott'  
**Cc:** STPCOL; 'jeprice@stpegs.com'  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER No. 113, 114 and 115  
**Attachments:** ML091540308.pdf; ML091540353.pdf; ML091540402.pdf

Attached you will find the publically available ADAMS files which contains the "REQUEST FOR ADDITIONAL INFORMATION LETTER No.113, 114 and 115 RELATED TO SRP SECTION 04.03, 04.04, and 04.05 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:** 1277

**Mail Envelope Properties** (83F82891AF9D774FBBB39974B6CB134F92A7A9DA9F)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER No. 113, 114 and 115  
**Sent Date:** 6/3/2009 5:08:40 PM  
**Received Date:** 6/3/2009 5:08:41 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	727	6/3/2009 5:08:41 PM
ML091540308.pdf	75884	
ML091540353.pdf	74698	
ML091540402.pdf	74550	

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

June 3, 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. 113 RELATED TO SRP  
SECTION 04.03 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. 2578

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  
52-013

eRAI Tracking No. 2578

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  
RidsNroDsraSrsb  
RidsNroDnrlNge2

**ADAMS Accession No. ML091540308**

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	06/03/2009	05/05/2009	05/20/2009

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

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2578 Revision 0**

**South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. 52-012 and 52-013  
SRP Section: 04.03 - Nuclear Design  
Application Section: 4A. Typical Control Rod Patterns and Associated  
Power Distribution for ABWR**

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

**04.03-1**

The STP-3/4 COL application states that no exceptions were taken to Appendix 4A of the generic ABWR DCD. However, Appendix 4A of the STP-3/4 COL application shows inconsistencies in the MLHGR values in Figure 4A-1a and in the Integrated Power per Bundle in Figure 4A-1d. Provide an explanation for these inconsistencies between the STP-3/4 COL application and the generic ABWR DCD.

Enclosure

June 3, 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. 114 RELATED TO SRP  
SECTION 04.04 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. 2355

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  
52-013

eRAI Tracking No. 2355

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  
RidsNroDnrINge2

**ADAMS Accession No. ML091540353**

NRO-002

OFFICE	SRSB/TR	SRSB/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	JGilmer	JDonoghue	TGovan	SBrock	GWunder
DATE	04/23/2009	04/30/2009	06/03/2009	05/11/2009	05/14/2009

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

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2355 Revision 2**

**South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co.  
Docket No. 52-012 and 52-013  
SRP Section: 04.04 - Thermal and Hydraulic Design  
Application Section: 4.4.3.5.2**

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

**04.04-1**

The numbered Section 4.4.3.5.2, "MCPR Operating Limit Calculational" does not correspond to the DCD Section 4.4.5.2 MCPR Operating Limit Calculational. Is this intentional, or simply a typographical error? If intentional, please explain the reason(s).

Enclosure

June 3, 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. 115 RELATED TO SRP  
SECTION 04.05.02 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. 2689

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  
52-013

eRAI Tracking No. 2689

Enclosure:  
Request for Additional Information

cc: William Mookhoek  
Richard Bense

Distribution:  
PUBLIC  
NGE 1/2 R/F  
GWunder, NRO  
BAbeywickrama, NRO  
SDowney, NRO

NRay, NRO  
SBrock, OGC  
RidsNroDserRsac  
RidsNroDnrlNge2

**ADAMS Accession No. ML091540402**

NRO-002

OFFICE	CIB2/TR	CIB2/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	SDowney	NRay	TGovan	SBrock	GWunder
DATE	04/23/2009	05/8/2009	06/03/2009	05/12/2009	05/12/2009

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

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 2689 Revision 2**

**South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co.  
Docket No. 52-012 and 52-013  
SRP Section: 04.05.02 - Reactor Internal and Core Support Structure Materials  
Application Section: 04.05.02**

QUESTIONS for Component Integrity, Performance, and Testing Branch 2 (ESBWR/ABWR Projects)  
(CIB2)

**04.05.02-4**

FSAR Section 4.5.2.1 lists the use of standard departure (STD DEP) Vendor. However, the STD DEP Vendor is not applicable to this section. Please revise the FSAR accordingly.

Enclosure