

## PMSTPCOL PEmails

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**From:** Govan, Tekia  
**Sent:** Tuesday, June 02, 2009 5:34 PM  
**To:** 'rhscheide@stpegs.com'  
**Cc:** STPCOL  
**Subject:** RESEND: DRAFT RAIs  
**Attachments:** RAI 2627.doc

Dick,

Please review the attached RAIs. If you feel we need a conference call again to clarify the changes made per the requested information, please contact me. If a conference call is not needed (please send an email) I will continue the formal process of issuing the RAIs to STPNOC.

These RAIs relates to section 5.4.

Thanks  
Tekia

Tekia V. Govan, Project Manager  
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**Hearing Identifier:** SouthTexas34Public\_EX  
**Email Number:** 1280

**Mail Envelope Properties** (83F82891AF9D774FB39974B6CB134F92A7A9DA98)

**Subject:** RESEND: DRAFT RAIs  
**Sent Date:** 6/2/2009 5:33:37 PM  
**Received Date:** 6/2/2009 5:33:38 PM  
**From:** Govan, Tekia

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

**Recipients:**  
"STPCOL" <STP.COL@nrc.gov>  
Tracking Status: None  
"rhscheide@stpegs.com" <rhscheide@stpegs.com>  
Tracking Status: None

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

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MESSAGE	598	6/2/2009 5:33:38 PM
RAI 2627.doc	30202	

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

Request for Additional Information No. 2627 Revision 2

South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. 52-012 and 52-013  
SRP Section: 05.04.07 - Residual Heat Removal (RHR) System  
Application Section: 5.4.7 Appendix 5B

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

05.04.07-\*\*\*

Appendix 5B in Tier 2 of the ABWR DCD provides an analysis to support inspections, tests, analyses, and confirmations of the Residual Heat Removal (RHR) System. STP submitted administrative changes to several equations and values in Appendix 5B.

- (a) Section 5B.2.3 The staff requests that STP clarify the bases for these changes, including the definition of HMin and H954.
- (b) Section 5B.3 (b) the heat removal capacity of the RHR heat exchanger was changed from 370.5 kj/sec/degrees/centigrade to  $4.27 \times 10^5$  W/ degrees C. Explain the conversion of the units from kj/sec/degrees/centigrade to W/degrees centigrade. Also explain why the units for Q are deleted.