

## PMSTPCOL PEmails

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**From:** Tai, Tom  
**Sent:** Monday, December 13, 2010 11:41 AM  
**To:** Agles, James  
**Cc:** Price, John E; STPCOL  
**Subject:** FW: Draft RAI 5288 - Ch 9.1.1  
**Attachments:** RAI 5288 09.01.01-xx.doc

Jim,

I sent this to John Price by mistake.

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

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**From:** Tai, Tom  
**Sent:** Monday, December 13, 2010 8:51 AM  
**To:** 'Price, John E'  
**Cc:** 'Elton, Loree'; STPCOL; 'Chappell, Coley'  
**Subject:** Draft RAI 5288 - Ch 9.1.1

John,

Attached for your information is a copy of the draft RAI for Chapter 9.1.1, structural analyses for the fuel racks.

Please let me know if you have questions and need a telephone conference on or before Wednesday, December 15, 2010..

Regards

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

**Hearing Identifier:** SouthTexas34Public\_EX  
**Email Number:** 2550

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**Subject:** FW: Draft RAI 5288 - Ch 9.1.1  
**Sent Date:** 12/13/2010 11:41:11 AM  
**Received Date:** 12/13/2010 11:41:13 AM  
**From:** Tai, Tom

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

**Recipients:**

"Price, John E" <jeprice@STPEGS.COM>  
Tracking Status: None  
"STPCOL" <STP.COL@nrc.gov>  
Tracking Status: None  
"Agles, James" <jaagles@STPEGS.COM>  
Tracking Status: None

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

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Request for Additional Information No. 5288 Revision 4

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

SRP Section: 09.01.01 - Criticality Safety of Fresh and Spent Fuel Storage and Handling  
Application Section: FSAR Section 9.1.1

QUESTIONS for Structural Engineering Branch 2 (ESBWR/ABWR Projects) (SEB2)

09.01.01-\*\*\*

Follow-up to Question 09.01.01-3

In its response to question 09.01.01-3, the applicant submitted the report WCAP-17311 Revision 0, "Stress Report for STP Units 3 & 4 New Fuel Storage Rack Baseline Design," to address COL Information Item 9.2. However, the report did not include details of analysis and design of the new fuel storage racks following guidance provided in SRP 3.8.4, Appendix D. Therefore, in order for the staff to conclude that the design of the new fuel storage racks is structurally adequate, the applicant is requested to resubmit the report with details of analysis and design of the new fuel storage racks following the guidance provided in SRP 3.8.4, Appendix D.

09.01.01-\*\*\*

Follow-up to Question 09.01.01-4

In its response to question 09.01.01-4, the applicant submitted the report WCAP-17331-NP Revision 0, "Stress Report for STP Units 3 & 4 Spent Fuel Storage Rack Baseline Design," to address COL Information Items 9.4 and 9.7. However, the report did not include details of analysis and design of the spent fuel storage racks following guidance provided in SRP 3.8.4, Appendix D, as requested in the staff question. Therefore, in order for the staff to conclude that the design of spent fuel storage racks is structurally adequate, the applicant is requested to resubmit the report with details of analysis and design of the spent fuel storage racks following the guidance provided in SRP 3.8.4, Appendix D.