

PMSTPCOL PEmails

From: Tai, Tom
Sent: Friday, May 29, 2009 1:04 PM
To: Agles, James
Cc: STPCOL
Subject: Draft RAI 2500 for Chapter 9.5.4
Attachments: RAI 2500 09.05.04-xx.doc

James,

Please review the attached RAI (09.05.04-xx). If you need a conference call to clarify the requested information, please contact me. If a conference call is not needed, please send me an email and I will continue the formal process of issuing the RAI to STPNOC.

Regards

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Hearing Identifier: SouthTexas34Public_EX
Email Number: 1269

Mail Envelope Properties (C56E360E9D804F4B95BC673F886381E71FB9345489)

Subject: Draft RAI 2500 for Chapter 9.5.4
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From: Tai, Tom

Created By: Tom.Tai@nrc.gov

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

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Request for Additional Information No. 2500 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 09.05.04 - Emergency Diesel Engine Fuel Oil Storage and Transfer System
Application Section: 9.5.4

QUESTIONS for Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)

09.05.04-***

Removal of cathodic protection from fuel oil transfer piping is predicated on the assumption that the new tunnel system is sufficiently sealed, drained and/or monitored to prevent water buildup and corrosion. Since the applicant provides no information regarding this new system, staff cannot confirm that the alternative system maintains the integrity of the fuel oil system. The applicant must provide the drawings or sketches necessary for staff to understand the new system and ascertain that system integrity has not degraded. The applicant must also provide the industry codes and standards that will be applied to the vaults, tunnels, and protective coatings on the tanks and piping.

09.05.04-***

STP RCOL Section 9.5.4.3 states that the piping between the underground storage tank and the reactor building is routed in tunnels. The description does not indicate how the underground storage tank and piping will be inspected. SRP Section 9.5.4 Paragraph 9.5.4 I.1.G, specifies that the design include the capability to detect and control system leakage, including isolating system portions in the event of excessive leakage or component malfunction. The RCOL should explain how the system design includes the capability to detect and control system leakage, including isolating system portions in the event of excessive leakage or component malfunction. In particular, the description should address the underground portions of the system.