

PMSTPCOL PEmails

From: Tom Tai
Sent: Monday, April 13, 2009 8:25 AM
To: jwcook@stpegs.com
Cc: STPCOL
Subject: Draft RAI for Cghapter 3.4.1
Attachments: RAI 2534 03.04.01-xx.doc

James,

Please review the attached RAI (03.04.01-xx) for Table 3.4-1 of Chapter 3.4.1 of the COL. 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: 1194

Mail Envelope Properties (C56E360E9D804F4B95BC673F886381E71E0B3CDAF5)

Subject: Draft RAI for Cghapter 3.4.1
Sent Date: 4/13/2009 8:24:47 AM
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From: Tom Tai

Created By: Tom.Tai@nrc.gov

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

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MESSAGE	416	4/13/2009 8:24:50 AM
RAI 2534 03.04.01-xx.doc		29178

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Request for Additional Information No. 2534 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 03.04.01 - Internal Flood Protection for Onsite Equipment Failures
Application Section: FSAR Section 3.4

QUESTIONS for Hydrologic Engineering Branch (RHEB)

03.04.01-***

Table 3.4-1 of FSAR Section 3.4 should be revised in consideration of the following: (1) Include flood protection parameters for safety-related Cooling Towers and Reactor Service Water Powerhouse, or explain why they were excluded in the table; (2) the units in the table should be mm msl or ft msl (mean sea level); (3) How were the design flood levels provided in Table 3.4-1 in the 1st row assigned?. Explain why design flood levels for the Service Building, Radwaste Building, and Turbine Building are lower than the estimated maximum external flooding level; (4) explain why the design ground water level for the Ultimate heat Sink is lower than those for other buildings; (5) what is the definition of "reference plant grade" and how does it differ from the actual plant grade; (6) check and correct the signs (+ or -) of some parameters values if they are incorrect; and (7) on the last row, why are the access openings of the Radwaste Building and the Ultimate Heat Sink listed as "None."