PMSTPCOL PEmails

From: Muniz, Adrian
Sent: Thursday, August 20, 2009 10:11 AM
To: jwcook@stpegs.com
Subject: Draft RAI 3393
Attachments: Draft RAI 3393.doc

James:

I have attached to this electronic communication a draft request for additional information (RAI). 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.

Thanks,

Adrian Muñiz, USNRC
Chapter 7 PM

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1623

Mail Envelope Properties (Adrian.Muniz@nrc.gov20090820101000)

Subject: Draft RAI 3393
Sent Date: 8/20/2009 10:10:52 AM
Received Date: 8/20/2009 10:10:00 AM
From: Muniz, Adrian

Created By: Adrian.Muniz@nrc.gov

Recipients:
"jwcook@stpegs.com" <jwcook@stpegs.com>
Tracking Status: None

Post Office:

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MESSAGE	398	8/20/2009 10:10:00 AM
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Draft Request for Additional Information No. 3393 Revision 02

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 07.01 - Instrumentation and Controls - Introduction
Application Section: Tier 2 Tables 1.9S-1 and 1.9S-1a

QUESTIONS for Instrumentation, Controls and Electrical Engineering 2 (ESBWR/ABWR Projects) (ICE2)

07.01-***

In the STPNOC letter U7-C-STP-NRC-090009, dated February 9, 2009, the applicant provided the conformance to the Regulatory Guides (RG), Codes and Standards, that are applicable to I&C platform departures. Enclosure 2b of this letter contains proposed revisions to COLA Tier 2 Table 1.9S-1, "Site-Specific Conformance with Regulatory Guides," and a new Table 1.9S-1a, "IEEE Standards Applicable to the STP 3&4 Platforms," which document the RG, Codes, and Standards applicable to the departed I&C design. Footnotes 1 and 2 to these tables refer to the proposed technologies for Reactor Trip & Isolation System (RTIS), Neutron Monitoring System (NMS), and ESF Logic & Control System (ELCS), i.e., Toshiba FPGA platform and Westinghouse Common Q platform. These footnotes make a distinction in the Rev. levels of RG and IEEE Std. applicable to the RTIS/NMS and the ELCS. The reason for this distinction is the bases of prior NRC generic approval of the Westinghouse Common Q platform. Subsequently, in the STPNOC letter U7-C-STP-NRC-090076, dated July 22, 2009, the applicant stated that the design approval approach for STP 3 & 4 safety-related digital I&C systems no longer relies on the approval of the Westinghouse and Toshiba topical reports referred to in the footnotes, which are no longer relevant to the information in the tables, and therefore these two footnotes will not be incorporated into the COLA. However, the applicant did not change the RG and IEEE Std. revision numbers associated with these footnotes. Please note that all departures form the referenced certified design in the COLA are required to meet the current regulations. Since the NRC approval of the ELCS design no longer relies on the pre-approved Westinghouse Common Q platform, the ELCS design should also conform to the current regulation and associated IEEE Std. and Regulatory Guides (similar to the RTIS and NMS design). Update FSAR Tables 1.9S-1, 1.9S-1a, and related sections of the COL application addressing the ELCS design compliance to the current regulations.