

PMSTPCOL PEmails

From: Govan, Tekia
Sent: Friday, April 02, 2010 10:04 AM
To: 'Scheide, Richard'
Cc: STPCOL
Subject: DRAFT RAIs
Attachments: RAI 4559.doc; RAI 4509.doc

Dick,

Please review the attached RAI. If you feel we need a conference call to clarify the requested information, please contact me within 5 days. If a conference call is not needed (please send an email) I will continue the formal process of issuing the RAI to STPNOC.

These RAIs relate to chapter 5 and is a product of the Phase 2 review.

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From: Govan, Tekia

Created By: Tekia.Govan@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"Scheide, Richard" <rhscheide@STPEGS.COM>
Tracking Status: None

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MESSAGE	594	4/2/2010 10:04:24 AM
RAI 4559.doc	29690	
RAI 4509.doc	31226	

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Request for Additional Information No. 4559 Revision 0

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

SRP Section: 05.03.02 - Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock

Application Section: 05.03.02/ Topical Report U7-C-STP-NRC-090080

QUESTIONS for Component Integrity, Performance, and Testing Branch 2 (ESBWR/ABWR Projects)
(CIB2)

05.03.02-***

Revise the STP 3&4 Pressure and Temperature Limits Report (U7-C-STP-NRC-090080) to provide all pressure-temperature (P-T) limit curves as a function of coolant temperature.

Request for Additional Information No. 4509 Revision 2

South Texas Project Units 3 and 4
STPNOC

Docket No. 52-012 and 52-013

SRP Section: 05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a
Application Section: 5.2.1.1

QUESTIONS for Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)

05.02.01.01-***

10 CFR 50.55a requires that the Code edition and addenda to be applied to ASME Class 1, 2 and 3 piping and components must be determined by the rules of the ASME Section III paragraph NCA-1140(2), which disallows use of Code Edition and Addenda in the Design Specifications that is (a) earlier than three years prior to the date the construction permit application is docketed or (b) earlier than the latest Edition and Addenda endorsed by the regulatory authority at the time the construction permit application is docketed. This requirement is not satisfied by the code of record for ABWR. For instance, the code used for ABWR DC is the 1989 Edition with no Addenda while COL application date for South Texas Project (STP) is September 20, 2007. This implies a violation of NCA-1140(2)(a) and (b). To resolve the issue, ASME approved a Code Case N-782 in January 2009, which allows that the Code Edition and Addenda endorsed in a design certified or licensed by the regulatory authority may be used for systems and components as an alternative rule to NCA-1140(2)(a) and (2)(b). However, 10 CFR 50.55a requires that the optional ASME Code cases must be those listed in the NRC Regulatory Guide (RG) 1.84 that is incorporated by reference in paragraph 50.55a (b)(4). Code Case N-782 is not listed for acceptance in Revision 34 of RG 1.84. In order to apply the alternative rule to requirements of NCA-1140, the applicant is requested to provide justification for inclusion of Code Case N-782 in STP COLA in accordance with 10 CFR 50.55a(3)(i) and (ii).