

PMSTPCOL PEmails

From: Tai, Tom
Sent: Monday, August 06, 2012 2:35 PM
To: jeprice@stpegs.com
Cc: STPCOL; Wong, Yuken
Subject: New Draft Unit 4 FIV RAI
Attachments: Unit 4 RAI.docx

John,

Attached for your information and for our Wednesday (8/8/12) discussion is a draft RAI of Unit 4. It is part of Chapter 3.9.2 to address potential acoustic loads on the Unit 4 steam dryer. Please note that the draft is still being reviewed internally.

Regards

Tom Tai

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3434

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED1A1212CCD82)

Subject: New Draft Unit 4 FIV RAI
Sent Date: 8/6/2012 2:34:55 PM
Received Date: 8/6/2012 2:34:59 PM
From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:

"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
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Files	Size	Date & Time
MESSAGE	301	8/6/2012 2:34:59 PM
Unit 4 RAI.docx	22411	

Options

Priority: Standard
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RG 1.20, Revision 3, Section 3.1.2 states:

The vibration measurement program may be omitted if the inspection program is implemented. However the vibration measurement program related to the evaluation of the potential adverse flow effect from pressure fluctuations and vibrations in piping systems for both PWRs and BWRs, should not be omitted.

There is no mention of main steam line (MSL) instrumentation to monitor the acoustic resonance and the dryer load during power ascension in WCAP-17257, "STP Unit 4 Reactor Internals Flow-Induced Vibration Assessment Program," Revision 1. The staff requests the applicant to clarify whether instrumentation will be installed on the STP Unit 4 MSLs to ensure that the MSL signals from Unit 4 are bounded by the limit curves obtained from Unit 3. If the MSL signals of Unit 4 exceed those limit curves, Unit 4 dryer stress evaluation during startup tests will be necessary. The staff also requests the applicant to include the information in WCAP-17257, and prepare an action item which explains the steps to be taken if the MSL signals exceed the limit curves during startup tests.