

PMSTPCOL PEmails

From: Muniz, Adrian
Sent: Wednesday, August 26, 2009 10:01 AM
To: jwcook@stpegs.com
Cc: STPCOL
Subject: RAI Letter # 253
Attachments: ML0923706540.pdf

James:

Attached for your information is an advanced copy of Letter # 253.

Regards,

Adrian Muñiz, DNRL
US NRC

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1678

Mail Envelope Properties (3DF2506A7257014AAC5857E5E852DEAC075B16DBD4)

Subject: RAI Letter # 253
Sent Date: 8/26/2009 10:00:50 AM
Received Date: 8/26/2009 10:00:53 AM
From: Muniz, Adrian

Created By: Adrian.Muniz@nrc.gov

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

Post Office: HQCLSTR02.nrc.gov

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MESSAGE	152	8/26/2009 10:00:53 AM
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Options
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Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

August 25, 2009

Mr. Scott Head, Manager
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 253 RELATED TO
SRP SECTION 7.7 FOR THE SOUTH TEXAS PROJECT COMBINED LICENSE
APPLICATION

Dear Mr. Head

By letter dated September 20, 2007, STP Nuclear Operating Company (STP) submitted for approval a combined license application pursuant to 10 CFR Part 52. The U. S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

S. Head

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If you have any questions or comments concerning this matter, I can be reached at 301-415-4093 or by e-mail at Adrian.Muniz@nrc.gov or you may contact George Wunder at 301-415-1494 or George.Wunder@nrc.gov.

Sincerely,

/RA/

Adrian Muñoz, Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 3149

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Cook

S. Head

-2-

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Sincerely,

/RA/

Adrian Muñiz, Project Manager
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Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 3149

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Cook

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***Approval captured electronically in the electronic RAI system.**

OFFICIAL RECORD COPY

Request for Additional Information No. 3149 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 07.07 - Control Systems
Application Section: Part 2- FSAR Tier 2, Subsection 7.7.1.1(6)**

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

07.07-7

The NRC Staff has identified a possible “typo” in Tier 2 departure STD DEP 7.7-1 wording. The STP 3 and 4 COLA Part 7, “Departure Report”, for STD DEP 7.7-1, explained that a clarification was needed to indicate that the flushing to prevent the build-up of non-condensable gases was only needed for those instrument lines with a condensing chamber. STD DEP 7.7-1, “RPV Water Level Instrumentation”, adds a sentence to ABWR DCD, Section 7.7.1.1, item (6) that states, “This applies to (a) through (e) above”. However, “(e)” is for the Reactor Well Water Level Range. Since this range is: 1) used to monitor the reactor water level when the reactor vessel head is removed, 2) the reactor system is flooded during refueling with a calibration at 0 MPag and 48.9 degrees C, and 3) the lower point uses the RPV tap below the top of the active fuel while the upper point is far above the RPV. The NRC Staff determined that the “e” may be a “typo” type error and should actually be a “d”. Correct this apparent “typo”, if in fact this Reactor Well Water Level Range water level instrument actually does not have a condensing chamber and “d” was actually intended.