PMSTPCOL PEmails

From: Keith, Felicia
Sent: Friday, November 06, 2009 12:16 PM
To: Bill Mookhoek; Scott Head; Chappell, Coley
Cc: Muniz, Adrian
Subject: Request for Additional Information Letter No. 285 Related To SRP Section 15.8 For The south Texas Project Combined License Application
Attachments: RAI Letter 285.doc

TO: Scott Head

FROM: Adrian Muniz

DATE: November 6, 2009

ADAMS Accession No. ML093100236

Felicia Keith, Secretary
ESBWR/ABWR Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors
301-415-2950
Felicia.Keith@nrc.gov

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1838

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Subject: Request for Additional Information Letter No. 285 Related To SRP Section 15.8 For The south Texas Project Combined License Application
Sent Date: 11/6/2009 12:16:00 PM
Received Date: 11/6/2009 12:16:02 PM
From: Keith, Felicia

Created By: Felicia.Keith@nrc.gov

Recipients:
"Muniz, Adrian" <Adrian.Muniz@nrc.gov>
Tracking Status: None
"Bill Mookhoek" <wemookhoek@stpegs.com>
Tracking Status: None
"Scott Head" <smhead@stpegs.com>
Tracking Status: None
"Chappell, Coley" <ccchappell@STPEGS.COM>
Tracking Status: None

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Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

November 6, 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. 285 RELATED TO SRP SECTION 15.8 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.

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

Docket Nos. 52-012
52-013

eRAI Tracking No. 3919

Enclosure:
Request for Additional Information

cc: William Mookhoek

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

Docket Nos. 52-012
52-013

eRAI Tracking No. 3919

Enclosure:
Request for Additional Information

cc: William Mookhoek

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

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Request for Additional Information No. 3919 Revision 03

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 15.08 - Anticipated Transients Without Scram
Application Section: 15E.1 - ATWS Logic and Setpoints

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

15.08-2

STPNOC has revised the logic in the STP 3 & 4 FSAR Figures 15E-1a, “ATWS Mitigation Logic (ARI, FMCRD Run-In, RPT, Manual Initiation),” 15E-1b, "ATWS Mitigation Logic (SLCS Initiation, Feedwater Runback)," and 15E-1c, “ATWS Mitigation logic (SLCS Initiation, Feedwater Runback)” based on Tier 1 departure STD DEP T1 3.4-1 and STD DEP Admin. However, no changes have been made to the ATWS logic-related text contained in the FSAR, specifically subsections 2.2.8 and 3.4 in Tier 1, and subsection 7.4 and 15E.1 in Tier 2. Explanation of the logic changes shown on these revised FSAR figures has not been provided in either of the cited departures. It was also noted that some of the changes made to these FSAR figures are not annotated (back circled). Due to the stated reasons, NRC staff is unable to verify the acceptability of the departed ATWS mitigation logic. STPNOC is asked to provide an explanation for all marked and unmarked logic changes shown on the revised FSAR figures 15E-1a, 15E-1b, and 15E-1c.

Enclosure