PMSTPCOL PEmails

From: Muniz, Adrian
Sent: Thursday, July 30, 2009 4:31 PM
To: jwcook@stpegs.com
Cc: wemookhoek@stpegs.com; STPCOL
Subject: RAI letter # 170
Attachments: ML0921100790.pdf

James:

Attached for your information is an advanced copy of Letter # 170 for Section 7.8.

Regards,

Adrian Muñiz, DNRL
US NRC

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1571

Mail Envelope Properties (3DF2506A7257014AAC5857E5E852DEAC075929078E)

Subject: RAI letter # 170
Sent Date: 7/30/2009 4:30:36 PM
Received Date: 7/30/2009 4:30:37 PM
From: Muniz, Adrian

Created By: Adrian.Muniz@nrc.gov

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

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	163	7/30/2009 4:30:37 PM
ML0921100790.pdf	100398	

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

July 30, 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. 170 RELATED TO SRP SECTION 7.8 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. 3133

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Cook

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. 3133

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Cook

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NAME	DTaneja	IJung	AMuñiz	SKirkwood	GWunder
DATE	6/18/09	6/18/09	6/26/09	7/22/09	7/22/09

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

OFFICIAL RECORD COPY

Request for Additional Information No. 3133 Revision 2

7/28/2009

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 07.08 - Diverse Instrumentation and Control Systems
Application Section: 7.8.2

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

07.08-1

In subsection 7.8.2, the applicant has committed to performing electrostatic discharge (ESD) testing on the ABWR control equipment in accordance with IEC Publication 801-2. IEC Publication 801-2 seems to be no longer active. IEC 61000-4-2, Electromagnetic Compatibility (EMC) - Part 4-2: Testing and Measurement Techniques - Electrostatic Discharge Immunity Test replaces IEC 801-2. This International Standard relates to the immunity requirements and test methods for electrical and electronic equipment subjected to static electricity discharges, from operators directly, and to adjacent objects. It additionally defines ranges of test levels which relate to different environmental and installation conditions and establishes test procedures. Verify the standard that would be used to perform this ESD testing.