PMSTPCOL PEmails

From: Tai, Tom
Sent: Tuesday, July 28, 2009 11:54 AM
To: Agles, James
Cc: STPCOL; Mookhoek, William
Subject: Letter 160 - RAI 2550 and 2556
Attachments: LTR 160 ML0920403403.pdf

Jim,

Attached for your information is Letter 160 transmitting RAIs 2550 and 2556 for Chapter 9.2.4.

Regards

Tom Tai
DNRL/NRO
(301) 415-8484
Tom.Tai@NRC.GOV

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1513

Mail Envelope Properties (C56E360E9D804F4B95BC673F886381E71FBC6DADA0)

Subject: Letter 160 - RAI 2550 and 2556
Sent Date: 7/28/2009 11:53:44 AM
Received Date: 7/28/2009 11:53:46 AM
From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"Mookhoek, William" <wemookhoek@STPEGS.COM>
Tracking Status: None
"Agles, James" <jaagles@STPEGS.COM>
Tracking Status: None

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Reply Requested: No
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Expiration Date:
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July 23, 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. 160 RELATED TO SRP SECTION 09.02.04 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 301-415-8484 or by e-mail at Tom.Tai@nrc.gov or you may contact George Wunder at 301-415-1494 or George.Wunder@nrc.gov.

Sincerely,

/RA/

Tom M. Tai, Senior Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 2550 and 2556

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Agles

If you have any questions or comments concerning this matter, I can be reached at 301-415-8484 or by e-mail at Tom.Tai@nrc.gov or you may contact George Wunder at 301-415-1494 or George.Wunder@nrc.gov.

Sincerely,

/RA/

Tom M. Tai, Senior Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 2550 and 2556

Enclosure:
Request for Additional Information

cc: William Mookhoek
James Agles

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GWunder, NRO
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ADAMS Accession No. ML092040340 NRO-002

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NAME	SWilliams	TFrye	TTai	SKirkwood	GWunder
DATE	4/17/09	4/17/09	4/17/09	5/1/09	5/12/09

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

OFFICIAL RECORD COPY

Request for Additional Information No. 2550 Revision 2

7/22/2009

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 09.02.04 - Potable and Sanitary Water Systems
Application Section: Section 9.2.4

QUESTIONS for Health Physics Branch (CHPB)

09.02.04-1

The onsite wells supply the source of water for the input to the Potable and Sanitary Water system supplying STP Units 3 & 4, per 9.2.4.2.2(2). This well water also supplies the Sewage Treatment System which is shared by all four STP Units 1, 2, 3 and 4, per 9.2.4.2.2(8). This "Raw" water is pumped from groundwater wells into the potable water storage tank, per 9.2.4.2.3.1 and is then utilized by plant workers in the emergency eye wash stations and the shower stations without being sampled or monitored prior to use.

1) Why is there no provision to sample and analyze this site well water periodically for radioactive contamination to ensure that any contamination from operation of STP Units 1, 2 3 & 4 has not and will not be introduced into the well water to be used by the STP non-radioactive potable water system?

2) How will the determination that this well water is not contaminated prior to use be made long term?

Request for Additional Information No. 2556 Revision 2

7/22/2009

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 09.02.04 - Potable and Sanitary Water Systems
Application Section: FSAR 9.2.4

QUESTIONS for Health Physics Branch (CHPB)

09.02.04-2

FSAR Figure 9.2-9

a) What are the Monitoring Facilities, listed on Figure 9.2-9?

b) What is the effluent release point associated with the “DISCHARGE” listed on this drawing? Is it the MCR? It is not noted on the drawing.

c) Is there any effluent sampling system, or effluent analyses to be performed on the "Discharge" point on the drawing?