

May 8, 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. 106 RELATED TO
SRP SECTION 03.05.01.02-01 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 301-415-8484 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. 2701

Enclosure:
Request for Additional Information

cc: William Mookhoek
John Price

S. Head

-2-

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Docket Nos. 52-012
52-013

eRAI Tracking No. 2701

Enclosure:
Request for Additional Information

cc: William Mookhoek
John Price

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NAME	DShum	SBloom	TTai	SKirkwood	GWunder
DATE	4/27/09	4/28/09	4/28/09	5/4/09	5/8/09

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

OFFICIAL RECORD COPY

Request for Additional Information No. 2701 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co.

Docket No. 52-012 and 52-013

SRP Section: 03.05.01.02 - Internally Generated Missiles (Inside Containment)

Application Section: FSAR 3.5

QUESTIONS for Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)

03.05.01.02-1

In Subsection 3.5.4.6, "Maintenance Equipment Missile Prevention Inside Containment," of the STP 3/4 COL application FSAR, Revision 2, STPNOC (applicant) commits to establish procedural controls to ensure that unsecured maintenance equipment will be removed from containment prior to operation, moved to a safe location, or restrained to prevent it from becoming a missile. However, STPNOC has not provided a schedule as when these procedural controls will be implemented. Therefore, provide the schedule for when the procedural controls will be implemented. The NRC staff believes that these procedural controls should be in-place prior to fuel load.

Enclosure