

November 9, 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. 286 RELATED TO
SRP SECTIONS 9.2 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 301-415-6197 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 Tai, Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 3882

Enclosure:
Request for Additional Information

cc: William Mookhoek
Richard Bense

S. Head

-2-

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NAME	GCurran	JSegala	TTai	SBrock	GWunder
DATE	10/15/2009	10/28/2009	11/9/09	10/28/2009	11/5/2009

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

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Request for Additional Information No. 3882 Revision 3

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 09.02.02 - Reactor Auxiliary Cooling Water Systems
Application Section: 9.2.13**

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

09.02.02-6

The applicant responded to (RAI) 3184 in a letter dated August 28, 2009. The applicant provided reference to RG 1.206, Section C.II1.4.3, which gives the COL applicant the option to describe in its application the proposed approach for addressing the COL information item in sufficient detail to support the NRC finding. The applicant proposed that the information in the STP 3 and 4 FSAR, Revision 2 includes sufficient information to address COL Information Item 9.11 Item. The RAI 3184 response states that closure "can be accompanied by review of the refrigerator procurement documentation, including the procurement specification and certificate of conformance, as part of the NRC's construction inspection program (CIP). The documentation would be available after refrigerator procurement, which is consistent with the COL information item as specified in the DCD." and that the "schedule for procurement of equipment will be part of the master schedule, which NRC will have access to also through the CIP."

RG 1.206, Section C.II1.4.3, option (4) applies. While the applicant's RAI 3184 response provides sufficient information regarding documentation, CIP closure path and the master schedule, the applicant failed to propose any update the FSAR. Without any update, the FSAR does not provide sufficient information to support the finding. The additional detail that was included in the RAI 3184 response should also be addressed in the FSAR.

Enclosure