

January 25, 2010

Mr. Scott Head, Manager
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 314 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.

S. Head

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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. 4300

Enclosure:
Request for Additional Information

cc: William Mookhoek

S. Head

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NRO-002

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NAME	GThomas	JDonoghue	AMuñiz	JBielecki	GWunder
DATE	1/21/10	1/21/10	1/25/10	1/22/10	1/21/10

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

OFFICIAL RECORD COPY

Request for Additional Information No. 4300 Revision 3

**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: FSAR Section 15A**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

15.08-3

The applicant identified the change to FSAR Figure 15A-29 as an administrative change. The suppression pool temperature set point for the automatic initiation of RHR is changed from 38 degrees C to 35 degrees C. Provide justification for this change.

Enclosure