

August 28, 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. 219 RELATED TO
SRP SECTION 04.05 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 Tekia.Govan@nrc.gov or you may contact George Wunder at 301-415-1494 or George.Wunder@nrc.gov.

Sincerely,

/RA/

Tekia V. Govan, Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 3325

Enclosure:
Request for Additional Information

cc: William Mookhoek
Richard Bense

S. Head

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DATE	07/16/2009	07/17/2009	07/21/2009	08/17/2009	08/28/2009

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

OFFICIAL RECORD COPY

Request for Additional Information No. 3325 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 04.05.01 - Control Rod Drive Structural Materials
Application Section: 4.5.1**

QUESTIONS for Component Integrity, Performance, and Testing Branch 2 (ESBWR/ABWR Projects) (CIB2)

04.05.01-1

Modifications made, as part of STD DEP 4.5-1, in COL FSAR Section 4.5.1.4, are not described in the applicant's departures report. The staff requests that the applicant modify its departures report to include a summary of the modifications made in COL FSAR Section 4.5.1.4. in order to comply with the requirements of 10 CFR 52, Appendix A, Section X.B.1

04.05.01-2

The applicant provided additional information, in COL FSAR Section 4.5.3.1, to address COL Item number 4.4. While the nozzle and bolting inspection requirements are specified in ASME Code Section XI and will be performed as required by 10 CFR50.55a, it is unclear to the staff what the remainder of the applicant's CRD inspection program entails, such as what internal components will be examined and the acceptance criteria for those inspections. Therefore the staff requests that the applicant modify FSAR Section 4.5.3.1 to include a more detailed description of its CRD inspection program.

Enclosure