

May 21, 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. 108 RELATED TO SRP
SECTION 04.02 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. 2579 and 2580

Enclosure:
Request for Additional Information

cc:
William Mookhoek
Richard Bense

S. Head

-2-

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NRO-002

OFFICE	SRSB/TR	SRSB/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	JDorn	JDonoghue	TGovan	SBrock	GWunder
DATE	04/09/2009	04/21/2009	04/21/2009	05/05/2009	05/21/2009

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

OFFICIAL RECORD COPY

Request for Additional Information No. 2579 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 04.02 - Fuel System Design
Application Section: 4B. Fuel Licensing Acceptance Criteria**

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

04.02-1

The first full paragraph under Section 4B.2 references "Section 4.2.II.D.3 of the Standard Review Plan (SRP)". This should be Section 4.2.II.4.C. Please explain the discrepancy and correct as necessary.

Enclosure

Request for Additional Information No. 2580 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co.
Docket No. 52-012 and 52-013**

SRP Section: 04.02 - Fuel System Design

Application Section: 4D. Reference Fuel Design Compliance with Acceptance Criteria

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

04.02-2

The standard administrative departure in STP-3/4 COL was identified to be in Table 4D-1 on pg. 4D-7. Page 4D-7 refers to the page in the ABWR DCD. This corresponds to page 4D-5 in the STP-3/4 COL. Provide clarification of this inconsistency in the STP-3/4 COL text.