

September 18, 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. 225 RELATED TO  
SRP SECTION 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 45 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.

If you have any questions or comments concerning this matter, I can be reached at 301-415-2849 or by e-mail at [Stacy.Joseph@nrc.gov](mailto:Stacy.Joseph@nrc.gov) or you may contact George Wunder at 301-415-1494 or [George.Wunder@nrc.gov](mailto:George.Wunder@nrc.gov).

Sincerely,

***/RA Michael Eudy for/***

Stacy Joseph, Project Manager  
ESBWR/ABWR Projects Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-012  
52-013

eRAI Tracking No 3174

Enclosures:  
Request for Additional Information

cc:  
Mr. William Mookhoek  
Mr. Jim Agles

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NRO-002

OFFICE	CQVB/TR	CQVB /BC	NGE2/PM	NGE2/L-PM
NAME	SCleavanger	JNakoski	SJoseph	GWunder
DATE	9/8/2009	9/8/2009	9/8/2009	9/17/2009

**\*Approval captured electronically in the electronic RAI system.  
OFFICIAL RECORD COPY**

Request for Additional Information No. 3174 Revision 2

9/17/2009

South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. 52-012 and 52-013  
SRP Section: 01 - Introduction and Interfaces  
Application Section: Chapter 1.9S, "Conformance with Regulatory Criteria"

QUESTIONS for Quality and Vendor Branch 2 (ESBWR/ABWR) (CQVB)

01-14

As provided in Reg Guide 1.206, COL applicants should provide an evaluation of conformance with the guidance in NRC regulatory guides in effect 6 months before the submittal date of the COL application. That evaluation should also include an identification and description of deviations from the guidance in the NRC regulatory guides as well as suitable justifications for any alternative approaches proposed by the COL applicant.

Tables 1 and 2 of FSAR Chapter 1.9S, "Conformance with Regulatory Criteria," identifies conformances and exceptions to NRC regulatory guides applicable to and provides a list of conformances/ exceptions with NRC regulatory guides. The FSAR does not address regulatory guides related to quality assurance.

Please provide a list of conformances/exceptions of regulatory guides related to quality assurance for the Operating Quality Assurance Program (OQAP), which will be used until the STP Quality Assurance Program Description (QAPD) is implemented, and the QAPD, which will be implemented in September 2009. If exceptions are taken, provide the bases for such exceptions.

Enclosure