

December 14, 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. 235 RELATED TO
SRP SECTION 16 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 301-415-2849 or by e-mail at Stacy.Joseph@nrc.gov or you may contact George Wunder at 301-415-1494 or George.Wunder@nrc.gov.

Sincerely,

/RA/

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. 4080

Enclosures:
Request for Additional Information

cc: William Mookhoek
G. Steve Cashell

S. Head

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OFFICE	CTSB/TR	CTSB /BC	NGE2/PM	NGE2/L-PM
NAME	CHaruck	MKowal	SJoseph	GWunder
DATE	11/24/2009	11/25/2009	12/14/09	12/8/2009

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

Request for Additional Information No. 4080 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 16 - Technical Specifications
Application Section: 16.3.8.1**

QUESTIONS for Technical Specification Branch (CTSB)

16-63

In STD DEP 8.3-1, which changed the voltages for ESF buses and diesel generators (DGs), the values in generic technical specification (GTS) SR 3.8.1.15 Note 1 for DG loading of "≥ 5225 kW and ≤ 5500 kW," which are based on GTS SR 3.8.1.14 values for DG 2-hour loading of "≥ 5225 kW and ≤ 5500 kW," should be changed to "≥ 7560 kW and ≤ 7920 kW" in plant-specific technical specification (PTS) SR 3.8.1.15 Note 1, not "≥ 6480 kW and ≤ 7200 kW" as stated in Revision 3 of the COL application. That is, the PTS SR 3.8.1.15 Note 1 DG loading values should match the PTS SR 3.8.1.14 values for DG 2-hour loading of "≥ 7560 kW and ≤ 7920 kW."

Enclosure