

November 19, 2008

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 68 RELATED TO
SRP SECTION 2.3 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
ESBWR/ABWR Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 1459

Enclosure:
Request for Additional Information

cc:
Mr. William Mookhoek
Mr. Richard Bense

S. Head

- 2 -

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NRO-002

OFFICE	RSAC/TR	RSAC/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	BHarvey	CCox	TGovan	SBrock	GWunder
DATE	10/08/2008	10/08/2008	10/14/2006	10/07/2008	10/17/2008

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

OFFICIAL RECORD COPY

Request for Additional Information No. 1459 Revision 2

November 17, 2008

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 02.03.01 - Regional Climatology
Application Section: FSAR 2.3S.1

QUESTIONS for Siting and Accident Consequences Branch (RSAC)

02.03.01-14

Revise FSAR Section 2.3S.1 to identify the normal winter precipitation event, the extreme frozen winter precipitation event, and extreme liquid winter precipitation event as site characteristics in accordance with the Proposed Interim Staff Guidance (ISG) DC/COL-ISG-07, "Interim Staff Guidance on Assessment of Normal and Extreme Winter Precipitation Loads on the Roofs of Seismic Category I Structures" (ML081990438), or justify an alternative approach. Provide a basis discussion in FSAR Section 2.3S.1 for the chosen site characteristic values.