

January 11, 2011

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 370 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 **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
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 5303

Enclosures:
Request for Additional Information

cc: William Mookhoek
Coley Chappell

S. Head

-2-

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NRO-002

OFFICE	BWR/TR/PM	BWR/BC	OGC	BWR/L-PM
NAME	SJoseph	GWunder	MSpencer	GWunder
DATE	1/11/11	12/8/2010	12/15/2010	1/5/2011

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

Request for Additional Information No. 5303 Revision 4

**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: Section**

QUESTIONS for ESBWR/ABWR Projects 2 (NGE2)

01-19

On October 5, 2010, STP submitted Revision 4 of the STP Units 3 & 4 COL application. Section 1.1 of the application states that the STP COLA incorporates the ABWR DCD by reference. STP states that the reference ABWR DCD refers to the U.S. ABWR Design Control Document, GE Nuclear Energy, Revision 4 dated March 1997, as approved in 10 CFR Part 52, Appendix A and as modified by the STP Nuclear Operating Company Application to Amend the Design Certification Rule for the U.S. Advanced Boiling Water Reactor (ABWR), dated June 30, 2009.

In order to properly incorporate by reference the STP Application to Amend the Design Certification Rule (or the Aircraft Impact Amendment), the applicant needs to reference the final revision of the Amendment (Revision 3 dated September 23, 2010). In addition, the applicant needs to clearly identify the application title, revision and date of the amendment in each chapter or section of the COL FSAR where the applicant intends to incorporate by reference the STP Aircraft Impact Amendment. Please revise the COL to reference the final revision of the STP Application to Amend the Design Certification Rule for the ABWR in all chapters or sections where this amendment is intended to be incorporated by reference.

Enclosure