

September 11, 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. 269 RELATED TO
SRP SECTION 12.02 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 301-415-3104 or by e-mail at Michael.Eudy@nrc.gov or you may contact George Wunder at 301-415-1494 or by e-mail at George.Wunder@nrc.gov.

Sincerely,

/RA/

Michael Eudy, Project Manager
ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking Nos. 3513

Enclosure:
Request for Additional Information

cc: William Mookhoek
Scott Stephens

S. Head

-2-

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Request for Additional Information

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DATE	8/11/09	8/13/09	8/17/09	8/19/09	9/11/09

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

OFFICIAL RECORD COPY

Request for Additional Information No. 3513 Revision 2

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 12.02 - Radiation Sources
Application Section: FSAR 12.2**

QUESTIONS for Health Physics Branch (CHPB)

12.02-9

A review of the response to RAI 12.02-2 revealed that the MPC value from 10 CFR Part 20, Appendix B, Table 2, Column 2 for Promethium-143 was listed as 2.00E-5 instead of 7.00E-5 uCi/ml, or 1.89E-3 MBq/ml. The resultant overall Unity summation calculation was not altered by correcting the submitted table in response to RAI 12.02-2. Accordingly, the staff requests that the applicant submit a corrected table for accuracy.

Enclosure