

August 10, 2009

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 209 RELATED TO
THE SRP SECTION 11.5 FOR THE SOUTH TEXAS COMBINED LICENSE
APPLICATION

Dear Mr. Head:

By letter dated September 20, 2007, South Texas Project Nuclear Operating Company (STPNOC) 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.

Mr. Scott Head

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If you have any questions or comments concerning this matter, you may contact me at 301-415-1146 or Raj.Anand@nrc.gov, or you may contact George Wunder at 301-415-1494 or George.wunder@nrc.gov.

Sincerely,

/RA/

Raj Anand, 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: 2706

Enclosure:
Request for Additional Information

cc: William Mookhoek

Mr. Scott Head

-2-

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Sincerely,

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Raj Anand, Project Manager
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Enclosure:
Request for Additional Information

cc: William Mookhoek

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OFFICE	CHPB/TR	CHPB/BC	NGE2/PM	OGC	NGE2/L-PM
NAME	SWilliams*	TFrye*	RAnand*	SBrock*	GWunder*
DATE	5/20/09	5/20/09	8/10/09	5/06/09	5/06/09

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 2706

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013**

**SRP Section: 11.05 - Process and Effluent Radiological Monitoring Instrumentation and
Sampling Systems
Application Section: 11.5.7**

QUESTIONS for Instrumentation, Controls and Electrical Engineering 2 (ESBWR/ABWR Projects)
(ICE2)

11.05-5

COLA Part 2: FSAR Tier 2, Section 11.5.7, Supplement 11.5.7S stated that an NRC approved Offsite Dose Calculation Manual (ODCM) exist for STP 1 & 2, nuclear power units on the same site and that the ODCM for STP 3 & 4 would be integrated into the STP 1 & 2 ODCM, taking into account the appropriate differences between the existing and new units. Provide additional details on the integration and whether this is to be completed prior to fuel load of STP 3 & 4.

Enclosure