

April 29, 2010

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

SUBJECT: SAFETY EVALUATION REPORT WITH OPEN ITEMS FOR CHAPTERS 13 AND
14 REGARDING THE SOUTH TEXAS PROJECT COMBINED LICENSE
APPLICATION REVIEW

Dear Mr. Head:

The U.S. Nuclear Regulatory Commission staff is preparing a safety evaluation report (SER) with open items (OIs) for each chapter of the South Texas Project Units 3 & 4 Combined License Application (COLA) submitted by STP Nuclear Operating Company (STPNOC) on September 20, 2007.

The staff's SER with OIs for Chapter 14 has been provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support the upcoming meeting of the ACRS Subcommittee, scheduled to be held on May 20, 2010. The staff's SER with OIs for Chapter 13 will be provided to the ACRS Subcommittee to support the upcoming meeting of the ACRS Subcommittee, scheduled to be held on June 24, 2010. The staff is continuing to review the COLA and may identify additional open items as a result of future STPNOC submittals.

The enclosed SERs with OIs are being provided to STPNOC for review of proprietary information. Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, we have determined that the enclosed SERs with OIs may contain proprietary information or other categories of information that should be withheld from public disclosure. We will delay placing the enclosures in the public document room to provide you with the opportunity to comment on information in the enclosed SERs with OIs that should be withheld from public disclosure.

NOTICE: Document transmitted herewith
contains sensitive unclassified information.
When separated from the enclosure this cover
letter is "DECONTROLLED."

S. Head

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If you believe that any information in the enclosures is proprietary, please identify such information line by line and define the basis pursuant to the criteria of 10 CFR 2.390.

Sincerely,

/RA/

Mark Tonacci, Chief
ESBWR/ABWR Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-012
52-013

Enclosures:
Safety Evaluation Report with Open Items – Chapters 13 and 14

cc w/o encls: See next page

S. Head

- 2 -

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Sincerely,

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Mark Tonacci, Chief
ESBWR/ABWR Projects Branch 2
Division of New Reactor Licensing
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Safety Evaluation Report with Open Items - Chapters 13 and 14

cc w/o encls: See next page

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