

February 7, 2011

Mr. Scott Head, Manager
Regulatory Affairs
STP Units 3 & 4
Nuclear Innovation North America, LLC
4000 Avenue F
Bay City, TX 76109

SUBJECT: SOUTH TEXAS PROJECT UNITS 3 AND 4, COMBINED LICENSE
APPLICATION – ADVANCED SAFETY EVALUATION FOR CHAPTER 4,
“REACTOR”

Dear Mr. Head:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing a Safety Evaluation (SE) report with no 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 SE for Chapter 4, “Reactor” 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 March 8, 2011.

The enclosed SE is being provided to STPNOC for review of proprietary information. Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, “Public Inspections, Exemptions, Requests for Withholding,” the staff concludes that the enclosed SE does not contain any information for which exemption from public disclosure has been sought or approved or any factual errors. However, the NRC will withhold the enclosed SE from public disclosure for ten business days from the date of this letter to allow you the opportunity to verify the staff’s conclusion that the SE contains no such exempt information or any factual errors. If within that ten day period, you do not request that all or portions of the SE be withheld from public disclosure, the enclosure will be made available for public inspection through the NRC Public document room and the Publicly Available Records component of NRC’s Agency wide Documents Access and Management System (ADAMS) and placed on the NRC’s public web page for this application.

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

S. Head

- 2 -

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

Sincerely,

/RA/

George Wunder, Lead Project Manager
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-012
52-013

Enclosure:
Safety Evaluation – Chapter 4

cc w/o encls: See next page

S. Head

- 2 -

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Safety Evaluation – Chapter 4

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(Revised 01/25/2011)

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