

November 1, 2010

MEMORANDUM TO: Edwin M. Hackett, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: David B. Matthews, Director **/F. Akstulewicz for/**  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SOUTH TEXAS PROJECT UNITS 3 AND 4, COMBINED LICENSE  
APPLICATION – ADVANCED SAFETY EVALUATION FOR  
CHAPTER 7, “INSTRUMENTATION AND CONTROLS”

By letter dated September 20, 2007, STP Nuclear Operating Company (STPNOC) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) application for STP Units 3 and 4.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its advanced Safety Evaluation (SE) for Chapter 7, “Instrumentation and Controls” (ML103020088). Unless otherwise stated in the Safety Evaluation (SE), the staff’s review is based on Revision 3 of the application. The advanced SE is being provided to support a meeting of the subcommittee of the ACRS on November 30, 2010. The ACRS full Committee meeting will be held after the subcommittee meeting.

The staff has reviewed the Memorandum to the Executive Director of Operations dated February 17, 2010, and reviewed our submitted information against the categories that the ACRS requested to be used to highlight information for review by the Committee. For Chapter 7, the staff plans on focusing their presentation on the instrument setpoint methodology review.

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The staff concludes that the advanced SE does not contain any information exempt from public disclosure. However, the NRC will withhold the advanced SE from public disclosure for ten business days to allow STPNOC the opportunity to verify the staff's conclusion that the advanced SE contains no such exempt information. Therefore, the staff requests that ACRS withhold the advanced SE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if STPNOC requests that any of the information in the advanced SE be withheld from public disclosure.

Docket Nos.: 52-012, 52-013

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Docket Nos.: 52-012, 52-013

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**ADAMS ACCESSION NO.: Package: ML103020012**

**NRO-002**

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