

May 27, 2011

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

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

SUBJECT: SOUTH TEXAS PROJECT, COMBINED LICENSE APPLICATION –
SAFETY EVALUATION WITH OPEN ITEMS FOR CHAPTER 2, “SITE
CHARACTERISTICS”

By letter dated September 20, 2007, STP Nuclear Operating Company (STPNOC) submitted a Combined License Application (COLA) for two new units designated as South Texas Project its 3 and 4 (STP 3 and 4). On January 24, 2011, Nuclear Innovation North America LLC (NINA) became the applicant for STP 3 and 4.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE) with No Open Items for Chapter 2, “Site Characteristics” (ML1117430586, ML111450734 and ML111430590). Unless otherwise stated in the SE, the staff’s review was based on Revision 5 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for June 21, 2011. The ACRS Full Committee meeting will be held after the subcommittee meeting.

For Chapter 2, the staff plans on focusing their presentation on the following specific topics of interest: Flooding, Flooding Requirements, Groundwater and Surface Water, the License Condition for Geological and Seismic Information and the two ITAACs associated with Backfill and Settlement.

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The staff concludes that the SE does not contain any information exempt from public disclosure. However, the Nuclear Regulatory Commission (NRC) will withhold the SE from public disclosure for 10 business days to allow STP the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in ADAMS.

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

Docket Nos: 52-0012, 52-0013

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Docket Nos: 52-0012, 52-0013

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ADAMS Accession Nos: Package: ML111430453

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