



Nuclear Innovation
North America LLC
4000 Avenue F, Suite A
Bay City, Texas 77414

April 11, 2011
U7-C-NINA-NRC-110063

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

South Texas Project
Units 3 and 4
Docket Nos. 52-012 and 52-013
Supplemental Response to Request for Additional Information

Reference: Letter, Scott Head to Document Control Desk, "Response to Requests for Additional Information," dated November 22, 2010, U7-C-STP-NRC-100241 (ML1003330369)

The referenced letter provided the STP Nuclear Operating Company (STPNOC) response to Request for Additional Information (RAI) question 02.04.05-11, related to Combined License Application (COLA) Part 2, Tier 2, Section 2.4S.5, "Probable Maximum Surge and Seiche Flooding." This response to RAI question 02.04.05-11 included predictions of the Probable Maximum Storm Surge for South Texas Project Units 3 and 4 based on the Advanced Circulation (ADCIRC) computer model. The input files for the ADCIRC model used to develop the response to RAI question 02.04.05-11 are included as an enclosure to this letter and are being submitted as the following:

02.04.05-11, Supplement 1

The enclosure to this letter is a compact disk (CD) that contains the computer input files for computer codes for the computer model that supports the response to an RAI as discussed above. These model input files were requested by the NRC Staff. The NRC Staff requested that the files be submitted in the native formats required by the software utilized to support development of the STP 3 & 4 COLA. As a result, the files on the enclosed CD are unable to comply with the requirements for electronic submission in NRC Guidance Document, "Guidance for Electronic Submissions to the NRC," dated November 20, 2007.

There are no commitments in this letter.

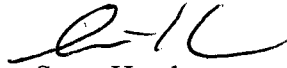
If you have any questions, please contact Scott Head at (361) 972-7136 or Bill Mookhoek at (361) 972-7274.

D091
NRO

STI 32852037

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 4/11/11



Scott Head
Manager, Regulatory Affairs
South Texas Project Units 3 & 4

rhb

Attachment: RAI 02.04.05-11, Supplement 1

Enclosure: RAI 02.04.05-11, Supplement 1
Letter: U7-C-NINA-NRC-110063
Advanced Circulation (ADCIRC) Input Files

cc: w/o attachment except*
(paper copy)

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CPS Energy

RAI 02.04.05-11, Supplement 1:

The response to RAI question 02.04.05-11 was submitted in Letter U7-C-STP-NRC-100241, dated November 22, 2010, (ML1003330369). This response included predictions of the Probable Maximum Storm Surge for South Texas Project Units 3 and 4 based on the Advanced Circulation (ADCIRC) computer model. The input files for the ADCIRC model used to develop the response to RAI question 02.04.05-11 are included as an enclosure to this response. This enclosure is a compact disk (CD) that is labeled as follows:

RAI 02.04.05-11, Supplement 1
Letter: U7-C-NINA-NRC-110063
Advanced Circulation (ADCIRC) Input Files