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January 26, 2011
U7-C-NINA-NRC-110007

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 No. PROJ0772
Response to Request for Additional Information

Reference: Letter from Tekia Govan to Mark McBurnett, "Request for Additional Information Re: South Texas Project Nuclear Operating Company Topical Report (TR) WCAP-17116-P Revision 0, Supplement 5 – Application to the Advanced Boiling Water Reactor (TAC NO. RG0007)", December 28, 2010 (ML103620337)

Attached is the response to Request for Additional Information (RAI) 47 included in the reference.

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.

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

Executed on 1/26/2011

Mark McBurnett
Senior Vice President, Oversight & Regulatory Affairs
Nuclear Innovation North America LLC

jet
Attachment:
RAI-47

STI 32817332

T007
NRD

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

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RAI-47

QUESTION:

Is the containment spray system modeled and credited in the Westinghouse methodology amendment documents to support the applicability of Westinghouse methods and SVEA Optima2 fuel for LOCA, ATWS or AOO analyses to ABWR plant designs?

RESPONSE:

Containment sprays are not modeled and not credited in the Westinghouse methodology amendment documents to support the applicability of Westinghouse methods and SVEA Optima2 fuel for Loss of Coolant Accident (LOCA), Anticipated Transient Without Scram (ATWS) or Abnormal Operational Occurrence (AOO) analyses to ABWR plant designs.