



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

November 30, 2010  
U7-C-STP-NRC-100254

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

Attached is a supplemental response to the NRC staff question included in Request for Additional Information (RAI) letter number 363 related to Combined License Application (COLA) Part 2, Tier 2, Section 3.9.2. The attachment provides the supplemental response to the RAI question listed below:

03.09.02-38

There are no commitments in this letter.

If you have any questions regarding this response, 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 11/30/2010

A handwritten signature in black ink, appearing to read "Mark McBurnett".

Mark McBurnett  
Vice President, Oversight & Regulatory Affairs  
South Texas Project Units 3 & 4

jep

Attachment:

RAI 03.09.02-38, Supplement 1

DD91  
MRO

cc: w/o attachments and enclosure except\*  
(paper copy)

Director, Office of New Reactors  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

Kathy C. Perkins, RN, MBA  
Assistant Commissioner  
Division for Regulatory Services  
Texas Department of State Health Services  
P. O. Box 149347  
Austin, Texas 78714-9347

Alice Hamilton Rogers, P.E.  
Inspection Unit Manager  
Texas Department of State Health Services  
P. O. Box 149347  
Austin, Texas 78714-9347

\*Steven P. Frantz, Esquire  
A. H. Gutterman, Esquire  
Morgan, Lewis & Bockius LLP  
1111 Pennsylvania Ave. NW  
Washington D.C. 20004

\*Tom Tai  
Two White Flint North  
11545 Rockville Pike  
Rockville, MD 20852

(electronic copy)

\*George F. Wunder  
\*Tom Tai  
Loren R. Plisco  
U. S. Nuclear Regulatory Commission

Steve Winn  
Joseph Kiwak  
Eli Smith  
Nuclear Innovation North America

Peter G. Nemeth  
Crain, Caton & James, P.C.

Richard Peña  
Kevin Pollo  
L. D. Blaylock  
CPS Energy

**RAI 03.09.02-38, Supplement 1**

**QUESTION:**

The shroud head structure in Calculation SES-10-165, Revision 0, is a complex model, and there is no K-6 data to compare and validate. Please advise if there is any measurement plan and what parameters are being considered.

**SUPPLEMENTAL RESPONSE:**

A revised response to this RAI was submitted with STPNOC letter U7-C-STP-NRC-100246, dated November 4, 2010. In that response, it was stated that the NRC will be informed as to whether a measurement plan is needed for the shroud head structure in a supplementary response to this RAI by November 30, 2010.

The shroud head structure is being included in the Measurement, Test and Inspection Plan. The parameters to be included are acceleration, velocity and displacement. The number, location and orientation of the instruments to be included for the shroud head structure will be provided in the plan.

No COLA revision is required as a result of this RAI response.