



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



April 26, 2010

U7-C-STP-NRC-100091

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. 52-001
Response to Request for Additional Information

Reference: Letter, Mark McBurnett to Document Control Desk, "Response to Request for Additional Information," dated March 3, 2010, U7-C-STP-NRC-100056 (ML100640162).

This letter provides a revised response to Request for Additional Information (RAI) question 03.02.02-1 related to the application to amend the ABWR DCD Amendment Part 2, Tier 2, Section 3.2 provided in Attachment 1 to the referenced letter.

The attachment to this letter provides the revised response to the following RAI question:

03.02.02-1

Changes will be incorporated into the next update of the ABWR DCD Amendment request after review by the NRC Staff.

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.

D050
NRO

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

Executed on 4/26/2010



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

fjp

Attachment:

Question 03.02.02-1 Revision 1

cc: w/o attachment 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

C. M. Canady
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

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

*Paul Kallan
Two White Flint North
11545 Rockville Pike
Rockville, MD 20852

(electronic copy)

*George F. Wunder
*Paul Kallan
Loren R. Plisco
U. S. Nuclear Regulatory Commission

Steve Winn
Joseph Kiwak
Eli Smith
Nuclear Innovation North America

Jon C. Wood, Esquire
Cox Smith Matthews

Richard Peña
Kevin Pollo
L. D. Blaylock
CPS Energy

RAI 03.02.02-1 Revision 1**QUESTION**

The SSCs included in Table 3.2-1 do not appear to be complete. The nitrogen supply line, nitrogen bottle and AFI system outside the pump house do not appear to be included in updated Table 3.2-1. Review the SSCs being added in the AIA and update the 3.2-1 classification table to include SSCs shown on the P&IDs.

RESPONSE Revision 1:

This revised response is being provided to address an NRC comment that the location specified for the AFI system pumps, valves and piping in Table 3.2-1 needs to include all areas in which these components are located and not just the AFI Pump House. The attached revised markup to Table 3.2-1 now reflects all locations where the AFI pumps, valves and piping are located. Changes from the original response are identified with revision bars in the margin of this revised response.

Because the additional nitrogen gas supply system as described in the initial DCD amendment application submittal is not required to meet the AIA rule, that system is being removed from the DCD amendment application, and consequently, all of the DCD amendment application markups associated with that change are being deleted (reference the markup attached to the response to RAI 06.02.04-1). As a result, there will no longer be a DCD amendment application change requiring an additional nitrogen supply line or nitrogen bottle as described in this RAI.

The non-safety related alternate feedwater injection (AFI) pump, valves and piping were already added to DCD Tier 2 Table 3.2-1 in the amendment application previously submitted. However, that submittal did not include identification of the AFI instrument lines and instruments as being safety-related. These lines and instruments are the only safety-related SSCs associated with the AFI system. The safety classification of the instrumentation and piping for the AFI system is the same as that for the existing instrumentation to which it is connected. The markup to DCD Tier 2 Table 3.2-1 below reflects the addition of these instrument lines and instruments. Changes to the DCD from the previous amendment application submittal are shown with gray shading.

Table 3.2-1 Classification Summary (Continued)

Principal Component ^a	Safety Class ^b	Location ^c	Quality Group Classification ^d	Quality Assurance Requirement ^e	Seismic Category ^f	Notes
P23 Alternate Feedwater Injection System						
1. Pumps, Valves, Piping (except instrumentation)	N	A,M,O,SC	-	E	-	
2. Piping including supports, instrumentation up to and beyond outermost isolation valves (part of NBS)	2/N	SC	B/D	B/E	I/4	(g)
3. Instrumentation piping including supports and valves forming part of containment boundary (part of ACS)	2	SC	B	B	I	