



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

June 7, 2010

U7-C-STP-NRC-100130

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
Revised Response to Request for Additional Information

Reference: Letter from Scott Head to NRC, U7-C-STP-NRC-090221, dated
December 8, 2009 (ML 093440180)

Attached is a revised response to Request for Additional Information (RAI) 09.02.02-6 originally submitted by the reference. The attachment provides the revised response to the RAI question listed below:

09.02.02-6 Revision 1

When a change to the COLA is indicated, it will be incorporated into the next routine revision of the COLA following NRC acceptance of the RAI response.

There are no new commitments included in this RAI revision.

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 6/7/2010

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

jaa

Attachment: RAI 09.02.02-6 Revision

STI 32688031

DO91
URO

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

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RAI 09.02.02-6 Revision 1**QUESTION:**

The applicant responded to (RAI) 3184 in a letter dated August 28, 2009. The applicant provided reference to RG 1.206, Section C.II1.4.3, which gives the COL applicant the option to describe in its application the proposed approach for addressing the COL information item in sufficient detail to support the NRC finding. The applicant proposed that the information in the STP 3&4 FSAR, Revision 2 includes sufficient information to address COL Information Item 9.11 Item. The RAI 3184 response states that closure "can be accompanied by review of the refrigerator procurement documentation, including the procurement specification and certificate of conformance, as part of the NRC's construction inspection program (CIP). The documentation would be available after refrigerator procurement, which is consistent with the COL information item as specified in the DCD." and that the "schedule for procurement of equipment will be part of the master schedule, which NRC will have access to also through the CIP."

RG 1.206, Section C.II1.4.3, option (4) applies. While the applicant's RAI 3184 response provides sufficient information regarding documentation, CIP closure path and the master schedule, the applicant failed to propose any update the FSAR. Without any update, the FSAR does not provide sufficient information to support the finding. The additional detail that was included in the RAI 3184 response should also be addressed in the FSAR.

RESPONSE Revision:

Reference: Letter from Scott Head to NRC, U7-C-STP-NRC-090123, dated August 28, 2009 (ML092450155)

This response revises the initial response to RAI 09.02.02-6 provided in U7-C-STP-NRC-090221, dated December 8, 2009 (ML093440180). In a telephone call with STPNOC on May 6, 2010, the NRC provided clarification of this request for additional information. As a result of this clarification, STPNOC is revising the response to this RAI. This revised response replaces the original response in its entirety.

The requirement in DCD Tier 2 Subsection 9.2.17.1(1), as discussed in RAI 09.02.02-1 (reference), is already addressed in STP 3 & 4 COLA Part 2, Tier 2, Subsection 9.2.17.1(1). No further change to the COLA is required.

The requirement in DCD Tier 2 Subsection 9.2.17.1(3), as discussed in RAI 09.02.02-2 (reference), is addressed by the markup of STP 3 & 4 COLA Part 2, Tier 2, Subsection 9.2.17.1(3) which was provided in that response.

The requirement in DCD Tier 2, Subsection 9.2.17.1(4), as discussed in RAI 09.02.02-3 (reference), is already addressed in STP 3 & 4 COLA Part 2, Tier 2, Subsection 9.2.17.1(4). No further change to the COLA is required.

The requirement in DCD Tier 2, Subsection 9.2.17.1(5), as discussed in RAI 09.02.02-4 (reference), is addressed by the markup of STP 3 & 4 COLA Part 2, Tier 2, Subsection 9.2.17.1(5) below.

The STP 3 & 4 COLA will be updated in a future revision as noted in the markup below. Changes to COLA Revision 3 are highlighted in gray shading.

9.2.17.1 HECW System Refrigerator Requirements

The following site-specific supplement addresses COL License Information Item 9.11 (COM 9.2-2):

(5) After procurement of equipment, transient effects on starting and stopping or prolonged stoppage of the refrigeration/chiller units will be evaluated. The evaluation will include such effects as high restart circuit drawdowns on safety buses, coolant oil interactions, degassing needs, coolant gas leakage, or release in equipment areas along with flammability threats, synchronized refrigeration swapping. Technical requirements will be provided in the procurement documents for evaluation of transient effects on starting and stopping or prolonged stoppage of the refrigeration/chiller units. These requirements will consider effects such as high restart circuit draw downs on safety buses, coolant-oil interactions, degassing needs, coolant gas leakage, or release in equipment areas along with flammability threats and synchronized refrigeration swapping.