



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

Designated
ORIGINAL

Rec'd DCD 11/10/09

June 25, 2009

U7-C-STP-NRC-090063

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
Response to Request for Additional Information

Attached are responses to NRC staff questions included in Request for Additional Information (RAI) letter numbers 113, 114, and 115 related to Combined License Application (COLA) Part 2, Tier 2, Sections 4.3, 4.4, and 4.5. This submittal completes the response to these RAI letters. Attachments 1 through 3 are responses to the RAI questions listed below:

- RAI 04.03-1
- RAI 04.04-1
- RAI 04.05.02-4

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

Attachment 4 identifies questions from RAI letters number 76 and 89 that require extensions and includes the reasons for extension and the date by which each response is expected to be submitted to the NRC staff

There are no commitments in this letter.

If you have any questions regarding these responses, please contact me at (361) 972-7136, or Bill Mookhoek at (361) 972-7274.

STI 32495504

DOA/
NRC

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

Executed on 6/25/09



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

jep

Attachments:

1. Question 04.03-1
2. Question 04.04-1
3. Question 04.05.02-4
4. Response Date Extensions for RAI Questions

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

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RAI 04.03-1:

QUESTION:

The STP-3/4 COL application states that no exceptions were taken to Appendix 4A of the generic ABWR DCD. However, Appendix 4A of the STP-3/4 COL application shows inconsistencies in the MLHGR values in Figure 4A-1a and in the Integrated Power per Bundle in Figure 4A-1d. Provide an explanation for these inconsistencies between the STP-3/4 COL application and the generic ABWR DCD.

RESPONSE:

FSAR Figure 4A-1a and Figure 4A-1d are figures which were incorporated by reference from the ABWR DCD with no departures or supplements. There have been no changes to the figures from what was previously approved and is not subject to re-review.

For reasons that are not related to this question, these DCD figures along with other proprietary information are being relocated to a new Part 10 of the COLA.

RAI 04.04-1:

QUESTION:

The numbered Section 4.4.3.5.2, "MCPR Operating Limit Calculational" does not correspond to the DCD Section 4.4.5.5.2 MCPR Operating Limit Calculational. Is this intentional, or simply a typographical error? If intentional, please explain the reason(s).

RESPONSE:

The FSAR section for "MCPR Operational Limit Calculational" has a typographical error in the section number. The section number should be 4.4.5.5.2 consistent with the DCD section number. This section number correction will be incorporated in the next COLA revision.

The COLA change as described above is provided in the following markup. The text that will be changed from COLA Rev. 2 is highlighted with gray shading.

4.4.3.5.2 4.4.5.5.2 MCPR Operating Limit Calculational

RAI 04.05.02-4:**QUESTION:**

FSAR Section 4.5.2.1 lists the use of standard departure (STD DEP) Vendor. However, the STD DEP Vendor is not applicable to this section. Please revise the FSAR accordingly.

RESPONSE:

FSAR Section 4.5.2.1 incorrectly lists STD DEP Vendor, which should be STD DEP 4.5-1 as noted for the entirety of Section 4.5.2. In addition, review of FSAR Section 4.5 has determined that FSAR Section 4.5.1.4 should list both STD DEP 4.5-1 and STD DEP Vendor. This information will be corrected in the next COLA revision.

The COLA changes as described above are provided in the following markup. The text that will be changed from COLA Rev. 2 is highlighted with gray shading.

4.5.1.4 Cleaning and Cleanliness Control

STD DEP 4.5-1

~~STD DEP Vendor~~

Semiannual examination of 10% of the units humidity indicators is required to verify that the units are dry and in satisfactory condition. This inspection shall be performed with a GE Engineering designated representative present. The position indicator probes are not subject to this inspection.

Site or warehouse storage specifications require inside heated storage comparable to Level B of ANSI N45.2.2 NQA-1 Part II, Subpart 2.2.

4.5.2 Reactor Materials

STD DEP 4.5-1

4.5.2.1 Material Specifications

~~STD DEP Vendor~~

Materials Used for the Core Support Structures:

Response Date Extensions for RAI Questions

RAI	Original Due Date	Reason	New Due Date
06.02.01.01.C-2	6/30/09	Additional time is needed to complete the calculations due to resource limitations	7/15/09
06.02.01.01.C-6	7/15/09	Additional time is needed to complete the calculations due to resource limitations	7/31/09
06.02.01.01.C-8	6/30/09	Additional time is needed to complete the calculations due to resource limitations	7/15/09