



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



September 23, 2010
U7-C-STP-NRC-100213
10 CFR 2.390

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

South Texas Project
Docket No. 52-001

ABWR STP Aircraft Impact Assessment (AIA) Amendment Revision 3

Reference: Letter, Scott Head to Document Control Desk, "ABWR STP Aircraft Impact Assessment (AIA) Amendment Revision-0," dated July 12, 2010, U7-C-STP-NRC-100168 (ML102000498).

STP Nuclear Operating Company (STPNOC) submits "ABWR STP AIA Amendment Revision 3" to the application to amend the design certification rule for the U.S. Advanced Boiling Water Reactor (ABWR) submitted in the reference, provided as enclosures (Security Sensitive and non-sensitive) to this letter.

The enclosed submittal makes the following revisions:

- Section 9.5.14 was revised as follows:
 - Figure 9.5-6 was revised to clarify that the Alternate Feedwater Injection (AFI) connection to the Reactor Water Cleanup (CUW) line is below grade level.
 - Table 9.5-6 room number locations for instrument lines were updated as reflected in the fuel cooling assessment report.
 - The description of fire protection requirements for AFI instrumentation in Section 9.5.14.4 was clarified to reflect the fuel cooling assessment report.
- Minor clarifications were made to the following figures in Section 9A to be consistent with the fuel cooling assessment report: 9A.4-3, 9A.4-4, 9A.4-5, and 9A.4-8.
- Minor changes were made to the following figures in Section 1.2 to clarify the results of the fuel cooling and structural assessment reports: 1.2-6, 1.2-8a, 1.2-8b, 1.2-9a, 1.2-9b, and 1.2-12.
- Appendix 19S was revised to add clarifications for the credited fire barriers and to remove the phrase "that separate safety divisions" from the fire barrier discussion in Section 19S.4.3.
- Editorial and page numbering corrections

This letter contains attachments and enclosures providing the following:

Attachment - "Summary of Preflight Evaluations," checks performed on the PDF files for each part included with this submittal (Enclosures 1 and 2).

Enclosures (2) - DVDs containing Revision 3 to the ABWR STP Aircraft Impact Assessment (AIA) Amendment in PDF format, prepared in compliance with "Guidance for Electronic Submissions to the NRC." Each DVD contains a packing slip that explains the contents.

Enclosure 1 (DVD) provides a complete proprietary version of the STP ABWR AIA Amendment Revision 3 and includes Security Sensitive information.

Enclosure 2 (DVD) provides a complete, non-proprietary and non-security sensitive version of the STP ABWR AIA Amendment Revision 3 suitable for public disclosure.

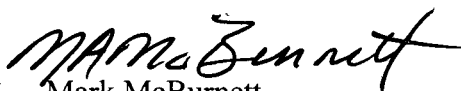
Enclosure 1 to this letter contains Security Sensitive Information and should be withheld from public disclosure under 10 CFR 2.390. Upon separation from the enclosure, this letter is decontrolled.

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 9/23/2010



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

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Attachment: Summary of Preflight Evaluations

Enclosures: 1. DVD, Aircraft Impact Amendment Revision 3, Proprietary
2. DVD, Aircraft Impact Amendment Revision 3, Non-Proprietary

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

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SUMMARY OF PREFLIGHT EVALUATIONS

All submittal PDF files were prepared with Adobe Acrobat Version 8 using the current Job Options file provided by the NRC on its web site. All files passed the preflight check (using the latest NRC preflight profile provided on its web site) except a few files that contained scanned pages that were processed by the Acrobat Optical Character Recognition (OCR) process. In these cases, an error is generated for lack of embedded fonts in the files. This is due to the known and documented inability of Acrobat to embed the fonts in a scanned and OCR processed file.