



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

ABWR

August 4, 2010  
U7-C-STP-NRC-100187  
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-1

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 1" to the application to amend the design certification rule for the U.S. Advanced Boiling Water Reactor (ABWR), provided as enclosures (Security Sensitive and non-sensitive) to this letter.

The enclosed revisions uprated two doors from regular doors to 3-hour rated fire doors and also uprated the walls and ceilings of Rooms 111 and 118 to 3-hour fire barriers. These changes were made to protect Rooms 111 and 118, which contain the AFI transmitter Rack for Suppression Pool Level. These changes create a new fire area, F1102. These are shown in revised Figures 1.2-4 and 9A.4-1 in location RB/R3-R5 as well as in the fire hazards analysis (FHA) in Appendix 9A.

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) - Two DVDs containing Revision-1 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-1 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-1 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 either 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 8/4/2010



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

fjp

Attachment: Summary of Preflight Evaluations

Enclosures: 1. DVD, ABWR STP AIA Amendment Revision-1, Proprietary  
2. DVD, ABWR STP AIA Amendment Revision-1, 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.