



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



July 12, 2010

U7-C-STP-NRC-100168

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

Units 3 and 4

Docket No. 52-001

ABWR STP Aircraft Impact Assessment (AIA) Amendment Revision-0

References:

1. Letter, Mark McBurnett to Document Control Desk, "Application to Amend the Design Certification Rule for the U.S. Advanced Boiling Water Reactor (ABWR)," dated June 30, 2009, U7-C-STP-NRC-090070 (ML092040048).
2. Letter, Scott Head to Document Control Desk, Submittal of "Applicant's Supplemental Environmental Report-Amendment to ABWR Standard Design Certification," dated November 10, 2009, U7-C-STP-NRC-090198 (ML093170454).

STP Nuclear Operating Company (STPNOC) submits "ABWR STP AIA Amendment Revision 0" 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 revision contains additions to the amendment based on those items discussed with the Staff during the AIA Inspection conducted the week of May 17, 2010 in San Diego, California. As a result of the inspection, STPNOC has included additional key design features from the assessment documents based on our understanding of FSAR detail expectations. All assumptions, from the assessment documents without which, in our opinion, the success criteria would not be met, have been included as key design features.

The enclosures contain the affected portions of the ABWR DCD that were revised as a result of the AIA assessment and include responses to Requests for Additional Information (RAI) and changes to address inspection insights.

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 3 to the COLA 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 0 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 0 suitable for public disclosure.

References 1 and 2 provided the original Amendment application versions and the "Supplemental Environmental Report." Please note that chapter 19S of the Amendment was submitted as Safeguards Information as indicated in the References but has since been declassified. STPNOC no longer considers chapter 19S as meeting the requirements for control as Safeguards Information. ABWR STP AIA Amendment Revision 0 treats chapter 19S as uncontrolled.


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 me 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 7/12/10



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

fjp

Attachment: Summary of Preflight Evaluations

Enclosures: 1. DVD, ABWR STP AIA Amendment Revision 0, Proprietary
2. DVD, ABWR STP AIA Amendment Revision 0, 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.