

August 3, 2010

Mark A. McBurnett, Vice-President  
Oversight and Regulatory Affairs  
South Texas Project Units 3 and 4  
P. O. Box 289  
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING SOUTH TEXAS  
PROJECT NUCLEAR OPERATING COMPANY TOPICAL REPORT  
WCAP-17065P, REVISION 0, WESTINGHOUSE ADVANCED BOILING WATER  
REACTOR SUBCOMPARTMENT ANALYSIS USING GOTHIC”

Dear Mr. McBurnett:

By letter dated April 29, 2009 (Agencywide Documents Access and Management System Accession No. ML101250482) the South Texas Project Units 3 and 4, submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report WCAP-17065-P Revision 0, “Westinghouse ABWR Subcompartment Analysis Using GOTHIC.”

The NRC staff has identified that additional information is needed to continue portions of the review. The staff’s request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within **30** days of the date of this letter.

If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov).

Sincerely,

/RA/

Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

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Sincerely,  
**/RA/**  
Tekia V. Govan, Project Manager  
ABWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. PROJ0772  
eRAI Tracking No.  
Enclosure:  
Request for Additional Information  
cc:  
Distribution:

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NGE 1/2 R/F

BAbeywickrama, NRO  
JMcKirgan NRO

EMiller, NRO  
RidsNroDnrlNge2

**ADAMS Accession No. ML102150341**

NRO-002

OFFICE	SBCV/TR	SBCV/BC	NGE2/PM
NAME	EMiller	JMcKirgan	TGovan
DATE	7/20/2010	7/20/2010	8/03/2010

**\*Approval captured electronically in the electronic RAI system.**

**OFFICIAL RECORD COPY**

**Request for Additional Information South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. PROJ0772  
TOPICAL REPORT WCAP-17065P, REVISION 0, WESTINGHOUSE ABWR  
SUBCOMPARTMENT ANALYSIS USING GOTHIC**

The NRC asked questions on Topical Report WCAP-17065-P Revision 0, "Westinghouse ABWR Subcompartment Analysis Using GOTHIC." The bases for these questions are related to the applicability of the GOTHIC code to the ABWR design. The questions are being withheld in accordance with 10 CFR 2.390. The question will be provided to the applicant under a separate cover, reference ML102150417(non-public).