

December 28, 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 RE: SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY TOPICAL REPORT (TR) WCAP-17116-P
REVISION 0, SUPPLEMENT 5 – APPLICATION TO THE ADVANCED BOILING
WATER REACTOR (TAC NO. RG0007)

Dear Mr. McBurnett:

By letter dated September 30, 2009 (Agencywide Documents Access and Management System Accession No. ML092810245) the South Texas Project (STP) Units 3 and 4, submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report WCAP-17116-P Revision 0, "Supplement 5 – Application to the Advanced Boiling Water Reactor."

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. The STP staff has requested a response time of 30 days.

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.

Sincerely,

/RA/

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

Docket Nos. PROJ0772

Enclosure:
Request for Additional Information

cc: See next page

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