

October 4, 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: ACCEPTANCE FOR REVIEW OF WCAP-17203 –P, FAST TRANSIENT AND  
ATWS METHODOLOGY.” (TAC NO. RG0047 and ME4505)

Dear Mr. McBurnett:

By letter dated June 30, 2010, STP Nuclear Operating Company (STPNOC) submitted for U. S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-17203-P, “Fast Transient and ATWS Methodology.” The NRC staff has performed an acceptance review of TR WCAP-17203-P. We have found that the material presented is sufficient to begin our comprehensive review.

The NRC staff expects to issue requests for additional information by February 28, 2011, and complete its review by September 30, 2011. Per the request of Westinghouse Electric Company (WEC) in a letter dated, July 6, 2010, the review of this TR will be applicable to the advanced boiling-water reactors, in addition to the operating boiling-water reactors.

The estimates for the review will require approximately 2500 staff hours including project management time in the Office of New Reactor Operations (NRO) and approximately 1300 staff hours including project management time in the Office of Nuclear Reactor Regulation (NRR). The review schedule milestones and estimated review costs were discussed and agreed upon in telephone conferences between James Tomkins, STPNOC Licensing Engineer and the NRO staff on September 9, 2010 and Kris Cummings, Manager of Nuclear Fuel Engineering Licensing, WEC and NRR staff on September 14, 2010.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver, therefore staff hours will be billed accordingly. WEC will be billed for the NRR fees and STPNOC will be billed for the NRO fees.

M. McBurnett

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If you have any questions regarding this matter, I may be reached at 301-415-6197 or [Tekia.Govan@nrc.gov](mailto:Tekia.Govan@nrc.gov).

Sincerely,

**/RA/**

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

Project No. 0772

cc: See next page

M. McBurnett

-2-

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Sincerely,

**/RA/**

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Office of New Reactors

Project No. 0772

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**NRO-002**

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(Revised 06/23/2010)

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