

May 24, 2011

Mr. 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-17203 -P,  
FAST TRANSIENT AND ATWS METHODOLOGY (TAC NO. ME4505)

Dear Mr. McBurnett:

By letter dated June 30, 2010 (Agencywide Documents Access and Management System Accession No. ML101890262) the South Texas Project (STP) Units 3 and 4, submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report WCAP-17203-P, "Fast Transient and ATWS Methodology."

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 and the NRC staff accepts the following response times for each RAI:

<b>140 days</b>	<b>170 days</b>
NRR - RAI 1	NRR - RAI 2
NRR - RAI 5	NRR - RAI 3
NRR - RAI 10	NRR - RAI 4
NRR - RAI 11	NRR - RAI 6
NRR - RAI 12	NRR - RAI 7
NRR - RAI 13	NRR - RAI 8
NRR - RAI 14	NRR - RAI 9
NRR - RAI 15	NRR - RAI 19
NRR - RAI 16	NRR - RAI 20
NRR - RAI 17	NRR - RAI 26
NRR - RAI 18	NRR - RAI 27
NRR - RAI 21	NRR - RAI 29
NRR - RAI 22	NRR - RAI 30
NRR - RAI 23	NRR - RAI 32
NRR - RAI 24	NRR - RAI 34

NRR - RAI 25	NRR - RAI 37
NRR - RAI 28	NRR - RAI 40
NRR - RAI 31	NRR - RAI 41
NRR - RAI 33	
NRR - RAI 35	
NRR - RAI 36	
NRR - RAI 38	
NRR - RAI 39	

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

Docket Nos. PROJ0772

Enclosure:  
Request for Additional Information

- NRR - RAI 25
- NRR - RAI 28
- NRR - RAI 31
- NRR - RAI 33
- NRR - RAI 35
- NRR - RAI 36
- NRR - RAI 38
- NRR - RAI 37
- NRR - RAI 40
- NRR - RAI 41

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Division of New Reactor Licensing  
Office of New Reactors

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Enclosure:  
Request for Additional Information

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