

August 24, 2010

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-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 response times of 30 and 60 days. The NRC staff accepts this request, however the schedule provided in the acceptance letter will be extended based on this request. Extension of the review schedule has been discussed with the STP staff. Below is the response time requested for each RAI.

30 days  
RAI 28S01

60 days  
RAI 7S01  
RAI 15S01

M. McBurnett

- 2 -

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

cc w/encl: See next page

M. McBurnett

- 2 -

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

Distribution:

PUBLIC

NGE 1/2 R/F

BAbeywickrama, NRO

JDonoghue, NRO

GThomas, NRO

JGilmer, NRO

MTonacci, NRO

GWunder, NRO

RidsNroDnrlNge2

ADAMS Accession No. ML102360520-Package

NRO-002

OFFICE	DSRA/SRSB/TR	DSRA/SRSB/TR	DSRA/SRSB/TR	DNRL/NGE2/PM
NAME	GThomas	JGilmer	JDonoghue	TGovan
DATE	8/19/2010	8/19/2010	8/19/2010	8/24/2010

**OFFICIAL RECORD COPY**

cc:

Certrec Corporation  
4200 South Hulen, Suite 422  
Fort Worth, TX 76109

Mr. Brian Almon  
Public Utility Commission  
William B. Travis Building  
PO Box 13326  
1701 North Congress Avenue  
Austin, TX 78701-3326

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

Mr. Ted Enos  
4200 South Hulen  
Suite 422  
Ft. Worth, TX 76109

Ms. Susan M. Jablonski  
Office of Permitting, Remediation  
and Registration  
Texas Comm. on Env. Quality  
MC-122  
P.O. Box 13087  
Austin, TX 78711-3087

Judge  
Matagorda County  
Matagorda County Courthouse  
1700 Seventh Street  
Bay City, TX 77414

C. Kierksey  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

M. A. McBurnett  
VP, Oversight/Regulatory Affairs  
STP Nuclear Operating Company  
4000 Avenue F, Suite A  
Bay City, TX 77414

Bill Mookhoek  
Licensing Supervisor  
STP Units 3 and 4  
Project Electric Generating Station  
P.O. Box 289  
Wadsworth, TX 77483

Mr. Terry Parks  
Chief Inspector  
Texas Department of Licensing  
and Regulation  
Boiler Division  
P.O. Box 12157  
Austin, TX 78711

Kathy C. Perkins, RN, MBA  
Assistant Commissioner  
Division for Regulatory Services  
Texas Department of State Health Services  
P.O. Box 149347  
Austin, Texas 78714-9347

Policy Director  
Environmental and Natural Resources  
P. O. Box 12428  
Austin, TX 78711-3189

Mr. Frank M. Quinn  
8 Oak Avenue  
Gaithersburg, MD 20877-2705

COL - STP Nuclear - South Texas Mailing List

Regional Administrator  
Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive  
Suite 400  
Arlington, TX 76011-8064

Alice Hamilton Rogers, PE  
Inspections Unit Manager  
Texas Department of State Health Services  
P.O. Box 149347  
Austin, Texas 78714-9347

J. J. Sheppard  
President & CEO  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, TX 77483

Mr. Robert E. Sweeney  
IBEX ESI  
4641 Montgomery Avenue  
Suite 350  
Bethesda, MD 20814

Mr. Steve Winn  
STP Nuclear Operating Company  
1301 McKinney, Suite 2300  
Houston, TX 77010

Mr. Jon C. Wood  
Cox, Smith, & Matthews  
112 East Pecan, Suite 1800  
San Antonio, TX 78205

## COL - STP Nuclear - South Texas Mailing List

### Email

APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
chris.maslak@ge.com (Chris Maslak)  
cindyrae\_52@yahoo.com  
cwaltman@roe.com (C. Waltman)  
david.lewis@pillsburylaw.com (David Lewis)  
Derinda.Bailey@chguernsey.com (Derinda Bailey)  
donald.woodlan@luminant.com (Donald Woodlan)  
dwstillwell@stpegs.com (Bill Stillwell)  
ed.burns@earthlink.net (Ed Burns)  
eliza.seedcoalition@gmail.com (Elza Brown)  
erg-xl@cox.net (Eddie R. Grant)  
gzinke@entergy.com (George Alan Zinke)  
jerald.head@ge.com (Jerald G. Head)  
jgutierrez@morganlewis.com (Jay M. Gutierrez)  
jim.riccio@wdc.greenpeace.org (James Riccio)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
junichi\_uchiyama@mnes-us.com (Junichi Uchiyama)  
karen@seedcoalition.org (Karen Hadden)  
kdrichards@stpegs.com (Kevin Richards)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
ldblaylock@cpsenergy.com (Larry Blaylock)  
louis.eichenberger@ge.com (Louis Eichenberger)  
mamcburnett@stpegs.com (Mark McBurnett)  
Marc.Brooks@dhs.gov (Marc Brooks)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
Mark.Crisp@chguernsey.com (Mark Crisp)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
maurerbf@westinghouse.com (Brad Maurer)  
media@nei.org (Scott Peterson)  
MSF@nei.org (Marvin Fertel)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
pshastings@duke-energy.com (Peter Hastings)  
RJB@NEI.org (Russell Bell)  
sabinski@suddenlink.net (Steve A. Bennett)  
sandra.sloan@areva.com (Sandra Sloan)  
sfrantz@morganlewis.com (Stephen P. Frantz)

COL - STP Nuclear - South Texas Mailing List

smhead@stpegs.com (Scott Head)  
stephan.moen@ge.com (Stephan Moen)  
Tansel.Selekler@nuclear.energy.gov (Tansel Seleklek)  
tom.miller@hq.doe.gov (Tom Miller)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
wayne.marquino@ge.com (Wayne Marquino)  
wemookhoek@stpegs.com (Bill Mookhoek)  
william.maher@fpl.com (William Maher)