December 22, 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 "STABILITY TOPICAL FOR ABWR," WCAP-17137-P (TAC NO. RG0068)

Dear Mr. McBurnett:

By letter dated November 1, 2010, STP Nuclear Operating Company (STPNOC) submitted for U. S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-17137, "Westinghouse Stability Methodology for the ABWR." The NRC staff has performed an acceptance review of the "Westinghouse Stability Methodology for the ABWR." We have found that the material presented is sufficient to begin our comprehensive review.

The staff expects to issue requests for additional information by June 30, 2011 and complete its review by March 31, 2012. The staff estimates that the review will require approximately 1100 staff hours including project management time. The review schedule milestones were discussed and agreed upon in a telephone conference between James Tomkins, STPNOC Licensing Engineer and the NRC staff on December 15, 2010.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that topical reports 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.

If you have any questions regarding this matter, I may be reached at 301-415-6197 or 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

December 22, 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 "STABILITY TOPICAL FOR ABWR," WCAP-17137-P (TAC NO. RG0068)

Dear Mr. McBurnett:

By letter dated November 1, 2010, STP Nuclear Operating Company (STPNOC) submitted for U. S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-17137, "Westinghouse Stability Methodology for the ABWR." The NRC staff has performed an acceptance review of the "Westinghouse Stability Methodology for the ABWR." We have found that the material presented is sufficient to begin our comprehensive review.

The staff expects to issue requests for additional information by June 30, 2011 and complete its review by March 31, 2012. The staff estimates that the review will require approximately 1100 staff hours including project management time. The review schedule milestones were discussed and agreed upon in a telephone conference between James Tomkins, STPNOC Licensing Engineer and the NRC staff on December 15, 2010.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that topical reports 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.

If you have any questions regarding this matter, I may be reached at 301-415-6197 or 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

DISTRIBUTION:	GWunder, NRO	RidsNroDnrlNge2	RidsRgn2MailCenter
PUBLIC	TGovan,NRO	RidsOgcMailCenter	GThomas, NRO
NGE2 R/F	BAbeywickrama,NRO	Resource	AMendiola, NRR
MTonacci, NRO	JDonoghue, NRO	RidsAcrsAcnwMail	JGilmer, NRO

ADAMS Accession No.: ML103500298 **NRO-002**

OFFICE	DNRL/BWR/PM	DNRL/BWR/LA	DNRL/BWR/PM	DSRA/SRSB/BC	DNRL/BWR/BC
NAME	TGovan	BAbeywickrama	GWunder	JDonoghue	MTonacci
DATE	12/6/10	12/21/10	12/21/10	12/22/10	12/22/10

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

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

Mr. Ed Halpin
President & CEO
STP Nulcear Operating Company
P.O. Box 289
Wadsworth, TX 77483

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

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. Peter G. Nemeth
Crain, Caton & James, P.C.
P.O. Box 289
Mail Code: N5005
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

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

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)
Derlinda.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 Selekler)
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)