

October 14, 2010

Mr. Scott Head, Manager
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE STP NUCLEAR OPERATING
COMPANY AMENDMENT TO THE ADVANCED BOILING WATER REACTOR
DESIGN CERTIFICATION REVIEW

Dear Mr. Head:

This letter is to inform you that the U.S. Nuclear Regulatory Commission staff (NRC) has completed the final safety evaluation report (SER) for the STP Nuclear Operating Company (STPNOC) Amendment to the Advanced Boiling Water Reactor (ABWR) Design Certification for Aircraft Impact submitted by STPNOC on June 30, 2009.

The enclosed SER is being provided to STPNOC for your information and will be submitted to the Commission in preparation for rulemaking. The SER has also been placed in the public document room and has been made publically available in ADAMS (ML102710198) and on the public website. NRC staff issuance of this SER does not constitute a commitment to issue the design certification, or in any way affect the authority of the Commission in any rulemaking proceeding pursuant to Subpart H of *Title 10 of the Code of Federal Regulations* (10 CFR) Part 2 and Subpart B to 10 CFR Part 52.

Sincerely,

/RA/

David B. Matthews, Director
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-001

Enclosure:
Safety Evaluation Report: The STP Nuclear
Operating Company Amendment to the ABWR
Design Certification

cc w/o encls: See next page

October 14, 2010

Mr. Scott Head, Manager
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE STP NUCLEAR OPERATING
COMPANY AMENDMENT TO THE ADVANCED BOILING WATER REACTOR
DESIGN CERTIFICATION REVIEW

Dear Mr. Head:

This letter is to inform you that the U.S. Nuclear Regulatory Commission staff (NRC) has completed the final safety evaluation report (SER) for the STP Nuclear Operating Company (STPNOC) Amendment to the Advanced Boiling Water Reactor (ABWR) Design Certification for Aircraft Impact submitted by STPNOC on June 30, 2009.

The enclosed SER is being provided to STPNOC for your information and will be submitted to the Commission in preparation for rulemaking. The SER has also been placed in the public document room and has been made publically available in ADAMS (ML102710198) and on the public website. NRC staff issuance of this SER does not constitute a commitment to issue the design certification, or in any way affect the authority of the Commission in any rulemaking proceeding pursuant to Subpart H of *Title 10 of the Code of Federal Regulations* (10 CFR) Part 2 and Subpart B to 10 CFR Part 52.

Sincerely,

/RA/

David B. Matthews, Director
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-001

Enclosure:
Safety Evaluation Report: The STP Nuclear
Operating Company Amendment to the ABWR
Design Certification

cc w/o encls: See next page

ADAMS ACCESSION NO: ML102861564

NRO-002

OFFICE	PM:BWR	LA:BWR (bha)	BC: BWR	DD:DNRL
NAME	SJoseph	BAbeywickrama	MTonacci	DMatthews
DATE	10/12/2010	10/13/2010	10/13/2010	10/14/2010

OFFICIAL RECORD COPY

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE STP NUCLEAR OPERATING
COMPANY AMENDMENT TO THE ADVANCED BOILING WATER REACTOR
DESIGN CERTIFICATION REVIEW DATED OCTOBER 14, 2010

Distribution:

PUBLIC

NGE1 R/F

Hard Copy

GWunder, NRO

MTonacci, NRO

E-Mail

SJoseph, NRO

RidsNroDnrlBWR

BAbeywickrama, NRO

RidsOgcMailCenter

RidsAcrsAcnwMailCenter

RidsRgn2MailCenter

COL - STP Nuclear - South Texas Mailing List
cc:

(Revised 09/30/2010)

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 Nuclear 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)