

April 16, 2007

Mr. Robert E. Brown
General Manager
GE Nuclear Energy
P.O. Box 780, M/C A-45
Wilmington, NC 28402-0780

SUBJECT: ESBWR DESIGN CERTIFICATION SCHEDULE

Dear Mr. Brown:

By letter dated February 2, 2007, General Electric (GE) proposed a review process adjustment associated with the NRC staff review of GE's application for standard design certification of the ESBWR design. In this letter, you stated that the proposed approach offers an opportunity to better focus resources on the resolution of final design certification open issues, while continuing to progress on a schedule consistent with GE and industry plans and schedules, and that the proposed adjustment will continue to support timely issuance of Combined Licenses (COL) for COL applications currently projected to be filed in November 2007. Finally, you committed to submit Revision 3 of the ESBWR design control document (DCD) on February 22, 2007. DCD Revision 3 was submitted as planned on February 22, 2007. This revision incorporated the responses to some of the staff's outstanding requests for additional information (RAIs) and incorporated some design changes.

On March 12, 2007, you informed the staff that GE had re-assessed the plan for responding to the remaining open RAIs and RAI supplemental requests, and submitted an updated RAI response schedule.

We are anticipating GE's submittal of Revision 4 of the ESBWR DCD in fall 2007 concurrent with the submittal of two planned applications for COLs referencing the ESBWR design. It is our understanding and expectation that this revision of the DCD will address the resolution of remaining requests for additional information and will represent a complete and final design. We have been informed that some additional design changes are being finalized by GE. In order to establish a schedule for remaining ESBWR design certification milestones, we have requested that GE submit an integrated schedule of future deliverables, including additional information to fully describe these design changes. As discussed with you and your staff on April 12, 2007, GE has committed to provide this integrated schedule by April 20, 2007. After consideration of this information, the staff will establish a schedule for future milestones.

R. Brown

If you have any questions or comments concerning this matter, please contact Amy Cubbage at (301) 415-2875 or aec@nrc.gov.

Sincerely,

/RA/

Mohammed A. Shuaibi, Branch Chief
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-010

Enclosure: As stated

cc: See next page

R. Brown

-2-

If you have any questions or comments concerning this matter, please contact Amy Cubbage at (301) 415-2875 or aec@nrc.gov.

Sincerely,

/RA/

Mohammed A. Shuaibi, Branch Chief
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-010

Enclosure: As stated

cc: See next page

Distribution: See next page

ADAMS Accession No. ML070290430

OFFICE	NGE1/PM	NGE1/BC
NAME	ACubbage	MShuaibi
DATE	04/16/2007	04/16/2007

OFFICIAL RECORD COPY

Distribution of Letter to R. Brown dated April 16, 2007

Hard Copy

PUBLIC

NGE1 R/F

ACabbage

E-mail distribution

RidsNroOd (R. Borchardt/G. Holahan)

RidsNroDnrl (D. Matthews/T. Bergman)

NGE1 Distribution

RidsOgcMailCenter

RidsAcrsAcnwMailCenter

FEltawila

MGavrilas

DC GE - ESBWR Mailing List

cc:

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

Ms. Anne W. Cottingham
Assistant General Counsel
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006

Mr. Marvin Fertel
Senior Vice President
and Chief Nuclear Officer
Nuclear Energy Institute
1776 I Street, NW
Suite 400
Washington, DC 20006-3708

Mr. Ray Ganthner
AREVA, Framatome ANP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Mr. Jerald S. Holm
Framatome NP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Mr. Steven A. Hucik
General Manager
Nuclear Plant Projects
GE Nuclear Energy
1989 Little Orchard Street
M/C 780
San Jose, CA 95125-1030

Dr. Gail H. Marcus
U.S. Department of Energy
Room 5A-143
1000 Independence Avenue, SW
Washington, DC 20585

Winston & Strawn
1400 L. Street, NW - 12th Floor
Washington, DC 20005-3502

Email

APH@NEI.org (Adrian Heymer)
bob.brown@ge.com (Robert E. Brown)
BrinkmCB@westinghouse.com (Charles Brinkman)
chris.maslak@ge.com (Chris Maslak)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
David.piepmeyer@ge.com (David Piepmeyer)
dlochbaum@UCSUSA.org (David Lochbaum)
erg-xl@cox.com
frankq@hursttech.com (Frank Quinn)
Frostie.white@ge.com (Frostie White)
gcesare@enercon.com (Guy Cesare)
george.stramback@gene.ge.com (George Stramback)
greshaja@westinghouse.com (James Gresham)
gzinke@entergy.com (George Alan Zinke)
hickste@earthlink.net (Thomas Hick)
james.beard@gene.ge.com (James Beard)
james.kinsey@ge.com (James Kinsey)
jclong@burkecounty-ga.gov (Jerry C. Long)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
Jim.Riccio@WDC.greenpeace.org (James Riccio)
jjnesrsta@cpsenergy.com (J. J. Nesrsta)
john.o'neil@pillsburylaw.com (John O'Neil)
Joseph.savage@ge.com (Joseph Savage)
Joseph_Hegner@dom.com (Joseph Hegner)
junichi_uchiyama@mhi.co.jp (Junichi Uchiyama)
kathy.sedney@ge.com (Kathy Sedney)
KSutton@morganlewis.com (Kathryn M. Sutton)
lynchs@gao.gov (Sarah Lynch - Meeting Notices Only)
MaddenG@BV.com (George Madden)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
Marvin_Smith@dom.com (Marvin L. Smith)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mgiles@entergy.com (M. Giles)
mwetterhahn@winston.com (M. Wetterhahn)
mwl@nei.org (Melanie Lyons)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Petrovb@westinghouse.com (Bojan Petrovic)
PGunter@NIRS.org (Paul Gunter)
phinnen@entergy.com (Paul Hinnenkamp)
pshastings@duke-energy.com (Peter Hastings)
RJB@NEI.org (Russell Bell)
rktemple@cpsenergy.org (R.K. Temple)

roberta.swain@ge.com (Roberta Swain)
ronald.hagen@eia.doe.gov (Ronald Hagen)
sandra.sloan@areva.com (Sandra Sloan)
seitz@id.doe.gov
sfrantz@morganlewis.com (Stephen P. Frantz)
steven.hucik@ge.com (Steven Hucik)
steven.stark@ge.com (Steven Stark)
tom.miller@hq.doe.gov (Tom Miller)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
trsmith@winston.com (Tyson Smith)
waraksre@westinghouse.com (Rosemarie E. Waraks)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)