

June 14, 2012

Mr. Jerald G. Head
Senior Vice President, Regulatory Affairs
GE Hitachi Nuclear Energy
3901 Castle Hayne Road MC A-18
Wilmington, NC 28401

SUBJECT: AUDIT REPORT OF THE STEAM DRYER DESIGN METHODOLOGY
SUPPORTING CHAPTER 3 OF THE ECONOMIC SIMPLIFIED BOILING-
WATER REACTOR DESIGN CONTROL DOCUMENT

Dear Mr. Head:

The U.S. Nuclear Regulatory Commission staff is preparing the audit report of the steam dryer design methodology supporting Chapter 3 of the design control document for the Economic Simplified Boiling-Water Reactor design certification application submitted by GE-Hitachi Nuclear Energy Americas LLC (GEH) on August 24, 2005.

The enclosed audit report is being provided to GEH for review of proprietary information. Please reply within a period of 10 working days from the date of this letter with your comments on the proprietary aspects of the audit report.

If you believe that any information in the enclosure is proprietary, please identify such information line by line and define the basis pursuant to the criteria of Title 10 of the *Code of Federal Regulations* 2.390.

Sincerely,

/RA/

David Misenhimer, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-010

Enclosure:
NRC Staff Audit Report of the Steam Dryer
Design Methodology Supporting Chapter 3
of the ESBWR DCD

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OFFICE	PM:DNRL:LB3	LA:DNRL:LB3	BC:DNRL:LB3
NAME	DMisenhimer	SGreen (via by e-mail)	RJenkins (George Wunder for)
DATE	06/14/2012	06/14/2012	06/14/2012

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Letter to Jerald G. Head from David Misenhimer dated June 14, 2012.

SUBJECT: AUDIT REPORT OF THE ECONOMIC SIMPLIFIED BOILING WATER
 REACTOR STEAM DRYER DESIGN METHODOLOGY SUPPORTING
 CHAPTER 3 OF THE ECONOMIC SIMPLIFIED BOILING WATER REACTOR
 DESIGN CONTROL DOCUMENT

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DC GEH - ESBWR Mailing List

(Revised 05/21/2012)

cc:

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

Mr. Tony Robinson
AREVA NP, Inc.
3315 Old Forest Road
Lynchburg, VA 24501

DC GEH - ESBWR Mailing List

Email

aec@nrc.gov (Amy Cubbage)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
bevans@enercon.com (Bob Evans)
bgattoni@roe.com (William (Bill) Gattoni))
brandonm@dteenergy.com (Michael Brandon)
BrinkmCB@westinghouse.com (Charles Brinkman)
cberger@energetics.com (Carl Berger)
charles.bagnal@ge.com (Charles Bagnal)
charles@blackburncarter.com (Charles Irvine)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
Daniel.Chalk@nuclear.energy.gov (Daniel Chalk)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
David.piepmeyer@ge.com (David Piepmeyer)
donaldf.taylor@ge.com (Don Taylor)
erg-xl@cox.net (Eddie R. Grant)
gcesare@enercon.com (Guy Cesare)
GEH-NRC@hse.gsi.gov.uk (Geoff Grint)
GovePA@BV.com (Patrick Gove)
gzinke@entergy.com (George Alan Zinke)
hickste@earthlink.net (Thomas Hicks)
hugh.upton@ge.com (Hugh Upton)
james1.beard@ge.com (James Beard)
jerald.head@ge.com (Jerald G. Head)
Jerold.Marks@ge.com (Jerold Marks)
Jim.Kinsey@inl.gov (James Kinsey)
Joseph_Hegner@dom.com (Joseph Hegner)
kimberly.milchuck@ge.com (Kimberly Milchuck)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
lee.dougherty@ge.com
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mike_moran@fpl.com (Mike Moran)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)

DC GEH - ESBWR Mailing List

Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
peter.yandow@ge.com (Peter Yandow)
RJB@NEI.org (Russell Bell)
sabinski@suddenlink.net (Steve A. Bennett)
sara.andersen@ge.com (Sara Anderson)
sfrantz@morganlewis.com (Stephen P. Frantz)
stephan.moen@ge.com (Stephan Moen)
strambgb@westinghouse.com (George Stramback)
tdurkin@energetics.com (Tim Durkin)
timothy1.enfinger@ge.com (Tim Enfinger)
tom.miller@hq.doe.gov (Tom Miller)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)