

February 25, 2009

MEMORANDUM TO: William D. Burton, Branch Chief
Rulemaking and Guidance and Development Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Sheryl A. Burrows, Project Manager */RA/*
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF FEBRUARY 12, 2009, PUBLIC MEETING WITH
INDUSTRY'S DESIGN-CENTERED WORKING GROUP TO DISCUSS
GENERIC ISSUES RELATED TO COMBINED LICENSE APPLICATIONS
AND AP1000 SPECIFIC TOPICS

On February 12, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting at the NRC Headquarters in Rockville, Maryland to discuss topics generic to combined license (COL) applications of interest to industry, topics specific to the AP1000 design center, and processes the NRC plans to employ in future COL reviews. Topics discussed included an Interim Staff Guidance (ISG) update, Federal Emergency Management Agency issues, Nuclear Energy Institute (NEI) 07-01 (Methodology for the Development of Emergency Action Levels—Advanced Passive Light Water Reactors), security related issues, AP1000 Containment and Recirculation Sumps and Downstream Effects, Main Control Room Ventilation, NEI Template Status, Application of recently issued ISG's, and an update on the Issue Resolution Process (see meeting agenda, Agencywide Documents Access and Management System (ADAMS) accession no. ML090480119). The Deputy Director of the Division of Engineering, along with a member of her technical staff discussed the application of several General Design Criterion's (GDC's) to COLA applications. The topic of GDC's was not included on the agenda. There were no presentation materials for this topic. Enclosure 1 lists the meeting attendees.

Materials that were provided to the participants in the workshop are included in this meeting summary (ADAMS accession no. ML090480107 (package)).

Enclosures:
As stated

cc w/encl: See next page

CONTACT: Sheryl A. Burrows, NRO/DNRL
301-415-6086

MEMORANDUM TO: William D. Burton, Branch Chief
Rulemaking and Guidance Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Sheryl A. Burrows, Project Manager */RA/*
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF FEBRUARY 12, 2009, PUBLIC MEETING WITH
INDUSTRY'S DESIGN-CENTERED WORKING GROUP TO DISCUSS
GENERIC ISSUES RELATED TO COMBINED LICENSE APPLICATIONS
AND AP1000 SPECIFIC TOPICS

On February 12, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting at the NRC Headquarters in Rockville, Maryland to discuss topics generic to combined license (COL) applications of interest to industry, topics specific to the AP1000 design center, and processes the NRC plans to employ in future COL reviews. Topics discussed included an Interim Staff Guidance (ISG) update, Federal Emergency Management Agency issues, Nuclear Energy Institute (NEI) 07-01 (Methodology for the Development of Emergency Action Levels—Advanced Passive Light Water Reactors), security related issues, AP1000 Containment and Recirculation Sumps and Downstream Effects, Main Control Room Ventilation, NEI Template Status, Application of recently issued ISG's, and an update on the Issue Resolution Process (see meeting agenda, Agencywide Documents Access and Management System (ADAMS) accession no. ML090480119). The Deputy Director of the Division of Engineering, along with a member of her technical staff discussed the application of several General Design Criterion's (GDC's) to COLA applications. The topic of GDC's was not included on the agenda. There were no presentation materials for this topic. Enclosure 1 lists the meeting attendees.

Materials that were provided to the participants in the workshop are included in this meeting summary (ADAMS accession no. ML090480107 (package)).

Enclosures:
As stated

cc w/encl: See next page

CONTACT: Sheryl A. Burrows, NRO/DNRL
301-415-6086

DISTRIBUTION:

See next page

ADAMS Accession No.: ML090480107 (package)

NRC-001

OFFICE	PM:NRO/DNRL/NRGA	PM:NRO/DNRL/NWE1	LA:NRO/DNRL/NRGA
NAME	SBurrows	B Mozafari	RRobinson
DATE	2/24/2009	2/24/2009	2/25/2009

OFFICIAL RECORD COPY

SUBJECT: SUMMARY OF FEBRUARY 12, 2009, PUBLIC MEETING WITH INDUSTRY'S
DESIGN-CENTERED WORKING GROUP

DISTRIBUTION:

PUBLIC

NRGA R/F

SBurrows

RRobinson

DJohnson

DBarss

JWilson

KWilliams

PPrescott

SCoffin

AJohnson

NGilles

RidsOgcMailCenter

RidsAcrsAcnwMailCenter

RidsNroDnrl

RidsNroDnrlNrga

RidsNroDnrlNwe1

RidsNroDcip

RidsNroDcipCqvp

RidsNroDsra

RidsNroDsraSbcv

**Public Meeting to Discuss Issues Related to Combined License Application's
February 12, 2009**

Attendance List

Name	Organization
Tom Ryan	TVA
George Madden	FPL
Robert Moody	NRC
Walter Lange	NRC
Chandu Patel	NRC
Jeff Temple	NRC
Kevin Williams	NRC
David Distel	Exelon
Mike Norato	NRC
William Burton	NRC
Don Woodly	Luminant
Bonnie Sheffield	FEMA
Albert Crons	FEMA
Karen Hadden	Seed Coalition
Anthony Defelie	FEMA
Jody Martin	NRC
Dan Barss	NRC
David Slater	Ameren UE
David Waters	Progress Energy
Rocky Foster	NRC
Deanna Raleigh	Curtiss Wright
Belkys Sosa	NRC
Shelley Kowkabamy	Enercon
Steve LaVie	NRC
Brenda Mozafari	NRC
Joseph Tapia	Mitsubishi
Jerry Sims	Consultant
Neil Haggerty	NuStart
George Zinke	Entergy
Stephen Burdick	Morgan Lewis
Peter Smith	Detroit Edison
Thomas Hicks	Dominion
Tom Williamson	Entergy
Alan Nelson	NEI
Martin Hug	NEI
Eric Oesterle	NRC
Ram Subbratnam	NRC
Jin Chung	MNES
William McConaghy	Toshiba
Pedro Salas	AREVA
Yaira Diaz	NRC
Scott Head	STPNOC
Masrur Khan	Bechtel

Kimberly Keithline	NEI
Eddie Grant	NuStart
Jean Piere Berger	EDF
Thomas Spink	TVA
Bob Hirmanpour	NuStart
Nanette Gilles	NRC
Joe Colaccino	NRC
Gina Borsh	Dominion
Mark Tonacci	NRC
Doug Walters	NEI
Donald Lindgida	Westinghouse
Joe Sebrosky	NRC
Wes Sparkman	SNC
Thomas Bergman	NRC
Doug Schweens	UniStart
Richard Grumbir	NuStart
Brian Anderson	NRC
Rob Sisk	WEC
Amy Aughtman	SNC
Andrea Johnson	NRC
Mike Eudy	NRC
Billy Gleaves	NRC
Stephanie Coffin	NRC
Ravi Joshi	NRC
Y. Gene Hsiu	NRC
Charles Ader	NRC
Tim Durkin	Energetics
Joe Donoghue	NRC
Eileen McKenna	NRC

DCWG - Combined (All)

(Revised 02/24/2009)

cc:

Mr. Glenn H. Archinoff
AECL Technologies
481 North Frederick Avenue
Suite 405
Gaithersburg, MD 20877

Director
Division of Compliance & Inspection
Bureau of Radiation Control
Texas Department of State Health Services
1100 West 49th Street
Austin, TX 78756-3189

Mr. Ray Aycock
Field Supervisor
U.S. Fish and Wildlife Service
Mississippi Ecological Services Office
6578 Dogwood View Parkway
Jackson, MS 39213

Mr. Eugene S. Grecheck
Vice President
Nuclear Support Services
Dominion Energy, Inc.
5000 Dominion Blvd.
Glen Allen, VA 23060

Mr. Richard L. Baker
Bechtel Power Corporation
5275 Westview Drive
Frederick, MD 21703-8306

Mr. Jay M. Gutierrez
Morgan, Lewis & Bockius, LLP
111 Pennsylvania Avenue, NW
Washington, DC 20004

Scott Bond
Callaway Plant
P.O. Box 620
Fulton, MO 65251

Ms. Sophie Gutner
P.O. Box 4646
Glen Allen, VA 23058

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

Mr. Brian Hastings
Public Utility Commission
William B. Travis Building
P.O. Box 13326
1701 Noth Congress Avenue
Austin, TX 78701-3326

Ms. Cindy Brizes
U.S. Department of Energy
P.O. Box A
Aiken, SC 29802

Mr. Tim E. Herrmann
Vice President, Nuclear Engineering
AmerenUE
P.O. Box 620
Fulton, MO 65251

Mr. Barton Z. Cowan, Esquire
Eckert Seamans Cherin & Mellott, LLC
600 Grant Street, 44th Floor
Pittsburgh, PA 15219

Mr. Ronald Kinney
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

DCWG - Combined (All)

Dr. Regis A. Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
20 International Drive
Windsor, CT 06095

Mr. Norris McDonald
President
AAEA
9903 Caltor Lane
Ft. Washington, MD 20744

Dr. Masanori Onozuka
Mitsubishi Nuclear Energy Systems, Inc.
2300 Wilson Blvd.
Suite 300
Arlington, VA 22201-5426

Dr. C. Keith Paulson
Mitsubishi Nuclear Energy Systems, Inc.
300 Oxford Drive, Suite 301
Monroeville, PA 15146

PBMR Pty. Limited
Lake Buena Vista Building
1267 Gordon Hood Avenue
PO Box 9396
Centurion 0046
Republic of South Africa

Charles Peterson
Pillsbury, Winthrop, Shaw & Pittman, LLP
2300 "N" Street, NW
Washington, DC 20037

Mr. Ernest Reed
Living Education Center
for Ecology and the Arts
P.O. Box 2612
Charlottesville, VA 22902

Mr. Tom Sliva
7207 IBM Drive
Charlotte, NC 28262

Mr. David W. Sutherland
Chesapeake Bay Field Office
U.S. Fish and Wildlife Service
177 Admiral Cochrane Drive
Annapolis, MD 21401

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

Mr. Ed Wallace
General Manager - Projects
PBMR Pty LTD
P. O. Box 9396
Centurion 0046
Republic of South Africa

Mr. Gary Wright, Director
Division of Nuclear Facility Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

DCWG - Combined (All)

Email

alsterdis@tva.gov (Andrea Sterdis)
amonroe@scana.com (Amy Monroe)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
barbara.lee-murphy@constellation.com (Barbara Lee-Murphy)
barbara.perdue@unistarnuclear.com (Barbara Perdue)
bevans@enercon.com (Bob Evans)
Bill.Moore@luminant.com (Bill Moore)
bob.brown@ge.com (Robert E. Brown)
BrinkmCB@westinghouse.com (Charles Brinkman)
brock.degeyter@energyfutureholdings.com (Brock Degeyter)
Carellmd@westinghouse.com (Mario D. Carelli)
carey.fleming@constellation.com (Carey Fleming)
chris.maslak@ge.com (Chris Maslak)
ck_paulson@mnes-us.com (Keith Paulson)
ckpaulson@aol.com (C.K. Paulson)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
dan1.williamson@ge.com (Dan Williamson)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
DeLaBarreR@state.gov (R. DeLaBarre)
DJW@NEI.org (Doug Walters)
dlochbaum@UCSUSA.org (David Lochbaum)
don.lewis@ge.com (Don Lewis)
dwoodla1@luminant.com (Donald Woodlan)
ecullington@earthlink.net (E. Cullington)
eddie.grant@excelservices.com (Eddie Grant)
erg-xl@cox.net (Eddie R. Grant)
frank_quinn@comcast.net (Frank Quinn)
Fred.Madden@luminant.com (Fred Madden)
garry.miller@pgnmail.com (Garry D. Miller)
gcesare@enercon.com (Guy Cesare)
gedgar@morganlewis.com (George Edgar)
george.honma@ge.com (George Honma)
george.wadkins@ge.com (George Wadkins)
GovePA@BV.com (Patrick Gove)
greshaja@westinghouse.com (James Gresham)
gwcurtis2@tva.gov (G. W. Curtis)
gzinke@entergy.com (George Alan Zinke)
hickste@earthlink.net (Thomas Hicks)
ian.c.rickard@us.westinghouse.com (Ian C. Richard)
james.beard@gene.ge.com (James Beard)

DCWG - Combined (All)

JCaldwell@luminant.com (Jan Caldwell)
Jean.Amundson@luminant.com (Jean Amundson)
jeff.simmons@energyfutureholdings.com (Jeff Simmons)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
jim@ncwarn.org (Jim Warren)
jin_chung@mnes-us.com
JJNesrsta@cpsenergy.com (James J. Nesrsta)
joel.Friday@ge.com (Joel Friday)
John.Conly@luminant.com (John Conly)
John.O'Neill@pillsburylaw.com (John O'Neill)
john.sorensen@ge.com (John Sorensen)
Joseph_Hegner@dom.com (Joseph Hegner)
joseph_tapia@mnes-us.com (Joseph Tapia)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
karen@seedcoalition.org (Karen Hadden)
kcrogers@aol.com (K. C. Rogers)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
lois@ieer.org (Lois Chalmers)
lou.lanese@ge.com (Lou Lanese)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
Marvin.Smith@dom.com (Marvin L. Smith)
masanori_onozuka@mnes-us.com (Masanori Onozuka)
masayuki_kambara@mhi.co.jp (Masayuki Kambara)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
maurerbf@westinghouse.com (Brad Maurer)
mbowling@numarkassoc.com (Marty Bowling)
media@nei.org (Scott Peterson)
mgiles@entergy.com (M. Giles)
mike.blevins@luminant.com (Mike Blevins)
mike_moran@fpl.com (Mike Moran)
mlucas3@luminant.com (Mitch Lucas)
MSF@nei.org (Marvin Fertel)
mwetterhahn@winston.com (M. Wetterhahn)
nirsnet@nirs.org (Michael Mariotte)
pareez.golub@ge.com (Pareez Golub)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
peter.jordan@ge.com (Peter Jordan)

DCWG - Combined (All)

pshastings@duke-energy.com (Peter Hastings)
rbird1@luminant.com (Bobby Bird)
rclary@scana.com (Ronald Clary)
REB@NEI.org (Biff Bradley)
Rebecca.Smith-Kevern@nuclear.energy.gov (Rebecca Smith-Kevern)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
sandra.sloan@areva.com (Sandra Sloan)
SauerB@BV.com (Robert C. Sauer)
sfrantz@morganlewis.com (Stephen P. Frantz)
shinji_kawanago@mnes-us.com (Shinji Kawanago)
sid.kere@dom.com (Sid Kere)
steven.hucik@ge.com (Steven Hucik)
tgilder1@luminant.com (Tim Gilder)
tkkibler@scana.com (Tria Kibler)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
tomccall@southernco.com (Tom McCallum)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
VictorB@bv.com (Bill Victor)
vijukrp@westinghouse.com (Ronald P. Vijuk)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)