

April 2, 2012

MEMORANDUM TO: James Beardsley, Chief
Construction Inspection Program Branch
Division of Construction Inspection and Operational Programs
Office of New Reactors

FROM: Joshua M. Wilson **/RA/**
Construction Inspection Program Branch
Division of Construction Inspection and Operational Programs
Office of New Reactors

SUBJECT: INTRODUCTORY DISCUSSION OF HUMAN FACTORS
ENGINEERING (HFE) DESIGN ACCEPTANCE CRITERIA (DAC)
RELATED ITAAC

DATES & TIMES: Tuesday, April 17, 2012
8:30 a.m. – 11:30 a.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room O-03B04
Rockville, Maryland 20852

PURPOSE: To discuss the closure strategy for the Design Acceptance Criteria (DAC) associated with AP1000 human factors design with the AP1000 DCWG and the U.S. Nuclear Regulatory Commission (NRC) staff; agenda enclosed.

CATEGORY 2:*

This is a Category 2 Meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda. Members of the public who wish to attend are encouraged to telephone or e-mail the contact listed below.

CONTACT: Joshua Wilson, NRO/DCIP
301-415-3434
joshua.wilson@nrc.gov

*Commission's *Policy* Statement on "Enhancing Public Participation in NRC Meetings," (67 FR 36920), May 28, 2002

Teleconferencing: Interested members of the public unable to travel to the NRC Headquarters may participate by telephone via a toll-free teleconference line. Those interested in participating in this meeting should dial **1-877-918-6312** and when prompted enter the pass code **19821** followed by the # sign.

PARTICIPANTS: Participants from the NRC include members from the Office of New Reactors (NRO).

NRC

M. Junge, NRO
D. Desaulniers, NRO
P. Pieringer, NRO
B. Green, NRO
J. Walker, NRO
J. Bongarra, NRO et. al.

Industry

B. Hirmanpour
W. Sparkman,
J. Flowers
B. Seelman
J. Reed et. al.

Docket Nos. 52-014, 52-015, 52-018, 52-019, 52-022, 52-023, 52-025, 52-026, 52-027, 52-028, 52-29, 52-30, 52-40, 52-41

Enclosure:
As stated

cc w/encl: See next page

J. Beardsley

-2-

Teleconferencing: Interested members of the public unable to travel to the NRC Headquarters may participate by telephone via a toll-free teleconference line. Those interested in participating in this meeting should dial **1-877-918-6312** and when prompted enter the pass code **19821** followed by the # sign.

PARTICIPANTS: Participants from the NRC include members from the Office of New Reactors (NRO).

NRC

M. Junge, NRO
D. Desaulniers, NRO
P. Pieringer, NRO
B. Green, NRO
J. Walker, NRO
J. Bongarra, NRO et. al.

Industry

B. Hirmanpour
W. Sparkman,
J. Flowers
B. Seelman
J. Reed et. al.

Docket Nos. 52-014, 52-015, 52-018, 52-019, 52-022, 52-023, 52-025, 52-026, 52-027, 52-028, 52-29, 52-30, 52-40, 52-41

Enclosure:
As stated

cc w/encl: See next page

Distribution:

MJunge
DDesaulniers
PPieringer
BGreen
JWalker
JBongarra
JBeardsley
SKirkwood
TFredette
CWeber
MTonacci
JWilson
RJoshi
DMcGovern

MErnstes, RII
DAYres, RII
CJulian, RII
OWFN Receptionist (hard copy)
TWFN Receptionist (hard copy)
NWE1 Distribution
NWE2 Distribution
RidsNroDnrlNwe1
RidsNroDnrlNwe2
RidsOpaMail
RidsOgcMailCenter
RII RidsAcrsAcnwMailCenter
RidsNROLAKGoldstein

ADAMS ACCESSION NO: ML120880312

NRC-001

OFFICE	DCIP/CIPB	BC:DCIP/CIPB
NAME	JWilson	JBeardsley
DATE	4/2/12	4/2/12

OFFICIAL RECORD COPY

Meeting Agenda for April 17, 2012
Category 2 Public Meeting - Introductory Discussion of Human Factors Engineering (HFE)
Design Acceptance Criteria (DAC)-related ITAAC
8:30 a.m. – 11:30 a.m.

Time	Topic	Lead
8:30 a.m.	Introduction / Opening Remarks	NRC / DCWG
8:35 a.m.	Overview of AP1000 HFE ITAAC	NRC
9:05 a.m.	HFE DAC Inspection	NRC
9:35 a.m.	Break	
9:45 a.m.	Opportunity for Public Comment*	NRC
9:55 a.m.	General Discussion	NRC / DCWG
11:30 a.m.	Adjourn Public Meeting	

**The public will be given opportunities to comment at these points in the meeting.*

ENCLOSURE

cc:

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

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

Paul M. Bessette
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

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

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

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

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

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

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

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

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

Mr. Adam C. Heflin
Senior Vice President and
Chief Nuclear Officer
AmerenUE/Callaway Plant
P.O. Box 620
Fulton, MO 65251

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

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

DCWG - Combined (All)

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

Dr. Masanori Onozuka
Mitsubishi Nuclear Energy Systems, Inc.
1001 19th Street North, Suite 710
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

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)
bevans@enercon.com (Bob Evans)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
Bill.Moore@luminant.com (Bill Moore)
BrinkmCB@westinghouse.com (Charles Brinkman)
brock.degeyter@energyfutureholdings.com (Brock Degeyter)
Carellmd@westinghouse.com (Mario D. Carelli)
ck_paulson@mnes-us.com (Keith Paulson)
ckpaulson@aol.com (C.K. Paulson)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
DeLaBarreR@state.gov (R. DeLaBarre)
DJW@NEI.org (Doug Walters)
donald.woodlan@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)
gcesare@enercon.com (Guy Cesare)
gedgar@morganlewis.com (George Edgar)
GovePA@BV.com (Patrick Gove)
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)
JCaldwell@luminant.com (Jan Caldwell)
jeff.simmons@energyfutureholdings.com (Jeff Simmons)
jerald.head@ge.com (Jerald G. Head)
jim.riccio@wdc.greenpeace.org (James Riccio)
joel.Friday@ge.com (Joel Friday)
John.Conly@luminant.com (John Conly)
john.elnitsky@pgnmail.com (John Elnitsky)
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)

DCWG - Combined (All)

KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
lois@ieer.org (Lois Chalmers)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
mark.g.giles@dom.com (Mark Giles)
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)
melto1ma@westinghouse.com (Michael Melton)
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)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
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)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
sandra.sloan@areva.com (Sandra Sloan)
sfrantz@morganlewis.com (Stephen P. Frantz)
shinji_kawanago@mnes-us.com (Shinji Kawanago)
sid.kere@dom.com (Sid Kere)
stephan.moen@ge.com (Stephan Moen)
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)
Tony_Banks@dom.com (Tony Banks)
trsmith@winston.com (Tyson Smith)

DCWG - Combined (All)

Vanessa.quinn@dhs.gov (Vanessa Quinn)
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)