

February 12, 2010

MEMORANDUM TO: Eileen McKenna, Chief
AP1000 Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Billy Gleaves, Senior Project Manager
AP1000 Projects Branch 2 /RA/
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: CLOSED MEETING WITH WESTINGHOUSE ELECTRIC COMPANY ON
AP1000 DESIGN CERTIFICATION AMENDMENT - SHIELD BUILDING
CONSTRUCTION AND INSPECTION PLANS

DATE & TIME: Tuesday, February 23, 2010
1:00 p.m. – 4:00 p.m.
Note: This meeting was rescheduled from February 8, 2010.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint Building, Room O-4B6
11545 Rockville Pike
Rockville, MD 20852

Parking is limited on site and is only available when prearranged thru
NRC project managers. We recommend arriving by Metro. Exit Metro at
the White Flint Station, located on the Red Line.

For those who cannot attend in person, both international and domestic
telephone conference bridges will be provided.

PURPOSE: This technical meeting is to discuss the U.S. Nuclear Regulatory
Commission's (NRC) review of the Westinghouse Electric Company's
(Westinghouse) application for amendment to the AP1000 Design
Certification (DC). Specifically, Westinghouse NRC staff will discuss
detailed technical issues related to the construction inspection plans of
the shield building proposed as part of the AP1000 DC amendment.

CATEGORY: The staff has determined that the information to be discussed is entirely
proprietary or is otherwise sensitive information; therefore the meeting will
be closed to the public.

MEETING CONTACT: Billy Gleaves, NRC/NRO
301-415-5848
bill.gleaves@nrc.gov

PARTICIPANTS: Participants from the NRC include members from the NRC's Office of New Reactors, and their contractors and consultants, and Westinghouse Electric Company, their contractors, and utility representatives, as well as representatives from international regulatory bodies from China and the UK.

NRC/NRO

Westinghouse

F. Akstulewicz

R. Sisk

L. Dudes

M. Corletti

E. McKenna

L. Tunon-Sanjur

B. Gleaves

S. Altmayer

B. Thomas

Westinghouse
Contractors

J. Ma

et. al.

NRC Contractors

et. al.

Enclosure:
As stated

cc w/encl: See next page

PARTICIPANTS: Participants from the NRC include members from the NRC's Office of New Reactors (NRO) and Westinghouse Electric Company.

NRC/NRO

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et. al.

NRC Contractors

et. al.

Enclosure:
Agenda

cc w/encl: See next page

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NRC-001

OFFICE	LA:DNRL/NWE2	PM:DNRL/NWE2	BC:DNRL/NWE2
NAME	RButler	BGleaves	EMcKenna
DATE	2/12/2010	2/12/2010	2/12/2010

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AGENDA

**NRC Meeting
Construction and Inspection
February 23, 2010
OWFN 4B6
1 p.m. – 4 p.m.**

AGENDA

TOPIC

INTRODUCTION

CONSTRUCTION PRACTICES

- Construction Management
- Construction Sequence of Shield Building
- Construction Mockup
- Concrete Placement
 - Pre-placement Activities
 - Concrete Receipt, Inspection and Testing
 - Placement Methods

- Weld Criteria
 - Applicable Codes

- Geometric Dimensioning and Tolerancing
- Construction Quality Assurance and Inspection
 - Inspection Plans and Surveillance

POST-PLACEMENT CONCRETE INSPECTION

Critical Defects in Concrete

- Acceptance Criteria

- NDE Technology Survey

- Recommended NDE Application

- NDE Path Forward
 - Demonstration at Purdue
 - W-Waltz Mill Program
 - Construction Mockup Program

Enclosure

DCWG - AP1000 Mailing List
cc:

(Revised 01/26/2010)

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

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

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

Mr. Tom Sliva
7207 IBM Drive
Charlotte, NC 28262

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

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

Mr. Jay M. Gutierrez
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

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

Ms. Sharon Bowyer Hudson
Office of Regulatory Staff
State of South Carolina
1401 Main Street
Suite 900
Columbia, SC 29201

DCWG - AP1000 Mailing List

Email

agaughtm@southernco.com (Amy Aughtman)
alsterdis@tva.gov (Andrea Sterdis)
amonroe@scana.com (Amy Monroe)
Antonio.Fernandez@FPL.com (Antonio Fernandez)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
BrinkmCB@westinghouse.com (Charles Brinkman)
Carellmd@westinghouse.com (Mario D. Carelli)
cberger@energetics.com (Carl Berger)
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)
Derlinda.Bailey@chguernsey.com (Derinda Bailey)
doug.ellis@shawgrp.com (Doug Ellis)
ecullington@earthlink.net (E. Cullington)
eddie.grant@excelservices.com (Eddie Grant)
erg-xl@cox.net (Eddie R. Grant)
fbelser@regstaff.sc.gov
garry.miller@pgnmail.com (Garry D. Miller)
gcesare@enercon.com (Guy Cesare)
George.Madden@fpl.com (George Madden)
gwcurtis2@tva.gov (G. W. Curtis)
gzinke@entergy.com (George Alan Zinke)
ian.c.rickard@us.westinghouse.com (Ian C. Richard)
james.beard@gene.ge.com (James Beard)
jerald.head@ge.com (Jerald G. Head)
jflitter@regstaff.sc.gov
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
jim@ncwarn.org (Jim Warren)
JJNesrsta@cpsenergy.com (James J. Nesrsta)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)

DCWG - AP1000 Mailing List

Mark.Crisp@chguernsey.com (Mark Crisp)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
maurerbf@westinghouse.com (Brad Maurer)
media@nei.org (Scott Peterson)
michael.cazaubon@exeloncorp.com (Michael Cazaubon)
mike_moran@fpl.com (Mike Moran)
Mitch.Ross@fpl.com (Mitch Ross)
MSF@nei.org (Marvin Fertel)
mwetterhahn@winston.com (M. Wetterhahn)
nirsnet@nirs.org (Michael Mariotte)
nscjiangguang@sina.com (Jiang Guang)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul.Jacobs@fpl.com (Paul Jacobs)
Paul@beyondnuclear.org (Paul Gunter)
pshastings@duke-energy.com (Peter Hastings)
Raymond.Burski@fpl.com (Raymond Burski)
rclary@scana.com (Ronald Clary)
Rebecca.Smith-Kevern@nuclear.energy.gov (Rebecca Smith-Kevern)
rgrumbir@gmail.com (Richard Grumbir)
Richard.Orthen@fpl.com (Richard Orthen)
RJB@NEI.org (Russell Bell)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
rong-pan@263.net (Pan Rong)
Russell.Wells@Areva.com (Russell Wells)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)
saporito3@gmail.com (Thomas Saporito)
sfrantz@morganlewis.com (Stephen P. Frantz)
shudson@regstaff.sc.gov (Sharon Hudson)
sid.kere@dom.com (Sid Kere)
sisk1rb@westinghouse.com (Rob Sisk)
sroetger@psc.state.ga.us (Steve Roetger)
stephan.moen@ge.com (Stephan Moen)
Steve.Franzone@fpl.com (Steve Franzone)
steven.hucik@ge.com (Steven Hucik)
strambgd@westinghouse.com (George Stramback)
Tansel.Selekler@nuclear.energy.gov (Tansel Seleklek)
tdurkin@energetics.com (Tim Durkin)
Timothy.Beville@nuclear.energy.gov (Tim Beville)
tomccall@southernco.com (Tom McCallum)
TomClements329@cs.com (Tom Clements)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)

DCWG - AP1000 Mailing List

VictorB@bv.com (Bill Victor)

vijukrp@westinghouse.com (Ronald P. Vijuk)

Wanda.K.Marshall@dom.com (Wanda K. Marshall)

whorin@winston.com (W. Horin)

william.maher@fpl.com (William Maher)

x2gabeck@southernco.com (Gary Becker)