

January 16, 2007

MEMORANDUM TO: Stephanie Coffin, Branch Chief
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Steven Bloom, Senior Project Manager **/RA/**
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: FORTHCOMING MEETING WITH AP1000 DESIGN-CENTERED
WORKING GROUP (DCWG) REGARDING PRE-COL GEOTECHNICAL
AND SEISMIC DESIGN STATUS

DATE & TIME: Wednesday, January 31, 2007
8:00 a.m. - 4:30 p.m.

LOCATION: Paul Anderson Auditorium, Duke Energy, Charlotte, NC
400 South Tryon Street
Charlotte, NC 28201

PURPOSE: The NRC staff and industry representatives will discuss the current status of ongoing seismic efforts. The AP1000 DCWG will summarize seismic and geotechnical evaluations for the AP1000 sites and development of SSE design response spectra envelope and time histories and structural evaluation for hard rock sites. The NRC staff will discuss the status of ongoing regulatory guidance and NRC staff comments on industry-recommended criteria (potentially applicable to all DCWGs). This meeting is contingent on the availability of NRC resources to support this activity.

CATEGORY 2: * This is a Category 2 meeting. The public is invited to participate by discussing regulatory issues with the NRC at designated points identified on the agenda.

CONTACT: Steven Bloom, NRO/DNRL
301-415-1313

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

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

NRC

N. Chokshi, NRO
G. Bagchi, NRO
S. Samaddar, NRO
C. Munson, NRO
S. Bloom, NRO, et al.

DCWG Representatives

R. Whorton, SCE&G
J. Richards, Duke
R. Knotts, Progress Energy
K. Spates, TVA
D. Moore, SNC
L. Tunon-Sanjur, Westinghouse, et al.

Project Nos. 737, 738, 740, 742, and 743

Enclosure:
Agenda

cc w/encl: See next page

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

NRC

N. Chokshi, NRO
G. Bagchi, NRO
S. Samaddar, NRO
C. Munson, NRO
S. Bloom, NRO, et al.

DCWG Representatives

R. Whorton, SCE&G
J. Richards, Duke
R. Knotts, Progress Energy
K. Spates, TVA
D. Moore, SNC
L. Tunon-Sanjur, Westinghouse, et al.

Project Nos. 737, 738, 740, 742, and 743

Enclosure:
Agenda

cc w/encl: See next page

DISTRIBUTION:

PUBLIC

PMNS

SGreen (hard copy)

SBloom

RidsnNroDnrl

RidsNroDnrlNwe1

NChokshi

GBagchi

RidsNrrDeEgca

CMunson

AKammerer

AMurphy

AHsia

RidsOpaMail

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

KWinsberg

RidsRgnMailCenter

JDanna

ADAMS ACCESSION NO.: ML070120375

OFFICE	NWE1/DNRL:LA	NWE1/DNRL:PM
NAME	SGreen	SBloom
DATE	1/16/2007	1/16/2007

OFFICIAL RECORD COPY

AP 1000 Mailing List

cc:

Mr. W. Edward Cummins
AP600 and AP1000 Projects
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

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

Mr. Charles Brinkman, Director
Washington Operations
Westinghouse Electric Company
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852

Mr. Adrian Heymer
Nuclear Energy Institute
1776 I Street NW
Suite 400
Washington, DC 20006

Mr. David Lochbaum
Nuclear Safety Engineer
Union of Concerned Scientists
1707 H Street NW, Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Nuclear Information & Resource Service
1424 16th Street, NW., Suite 404
Washington, DC 20036

Mr. James Riccio
Greenpeace
702 H Street, NW, Suite 300
Washington, DC 20001

Mr. Ed Wallace, General Manager
Projects
PBM R Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

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

Mr. Gary Wright, Manager
Office of Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

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

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Ronald P. Vijuk
Manager of Passive Plant Engineering
AP1000 Project
Westinghouse Electric Company
P. O. Box 355
Pittsburgh, PA 15230-0355

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Ron Simard
6170 Masters Club Drive
Suwanne, GA 30024

Ms. Sandra Sloan
Areva NP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Mr. George Alan Zinke
Project Manager
Nuclear Business Development
Entergy Nuclear
M-ECH-683
1340 Echelon Parkway
Jackson, MS 39213

Ms. Marilyn Kray
Vice President, Special Projects
Exelon Generation
200 Exelon Way, KSA3-E
Kennett Square, PA 19348

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

Dr. Regis Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
200 Day Hill Road
Windsor, CT 06095-0500

E-Mail:

tom.miller@hq.doe.gov or
tom.miller@nuclear.energy.gov
mwetterhahn@winston.com
whorin@winston.com
gcesare@enercon.com
sandra.sloan@areva.com
louis.quintana@ge.com
steven.hucik@ge.com
david.hinds@ge.com
chris.maslak@ge.com
crpierce@southernco.com
tomccall@southernco.com
garry.miller@pgnmail.com
gzinke@entergy.com
rclary@scana.com
pshastings@duke-energy.com
James1.Bead@ge.com
patriciaL.campbell@ge.com
bob.brown@ge.com
erg-xl@cox.net
mark.beaumont@wsms.com
sfrantz@morganlewis.com
ksutton@morganlewis.com
jgutierrez@morganlewis.com
mgiles@entergy.com
sterdia@westinghouse.com
cristina.lonescu@pgnmail.com
gwcurtis2@tva.gov
robert.kitchen@pgnmail.com
sterdiA@westinghouse.com
mike_moran@fpl.com
amonroe@scana.com
george.stramback@gene.ge.com
david.lewis@pillsburylaw.com
paul.gaukler@pillsburylaw.com
john.o'neill@pillsburylaw.com
matias.travieso-diaz@pillsburylaw.com
maria.webb@pillsburylaw.com
roberta.swain@ge.com
cwaltman@roe.com
lindf1da@westinghouse.com

Agenda for Public Meeting

Pre-COL Geotechnical & Seismic Design Status

7:30 a.m.	Meeting Sign-in	
8:00 a.m.	Welcome/Introductions & Industry Overview Southeastern US - Geologic & Seismic Overview AP1000 Site Overviews (Bellefonte, Lee, Summer, Harris, Vogtle) • Plant Location/Layout • Geotechnical Characterization Summary • Excavation/Backfill Plan	Industry
9:45 a.m.	Break	
10:00 a.m.	EPRI Seismic Source Model Updates	Industry
10:15 a.m.	PSHA Evaluation – Development of Hard Rock Sites SSE DRS Envelope and Time Histories	
10:30 a.m.	AP1000 Structural Evaluation of Hard Rock Sites SSE DRS Envelope (Bellefonte, Lee, Summer) • Application of Coherency Function • Evaluation of results compared to AP1000 design cases	Industry
11:50 p.m.	Public Comment Opportunity	Public
12:00 p.m.	Lunch Break	
13:00 p.m.	Harris Seismic Design Status	Industry
13:15 p.m.	Vogtle Seismic Design Status	Industry
14:00 p.m.	NRC Overview: • Status of Regulatory Guidance [new DG(s), RG 1.208, SRP 3.7.1, 3.7.2, 3.7.3, etc.] • Staff Comments on Industry Recommended Criteria (CAV, Sigma, Coherency Function) • Status of Interim Staff Guidance to capture current technical positions • Staff comments / recommendations on current AP1000 site evaluations	NRC
15:30 p.m.	Break	
15:45 p.m.	Meeting Summary (Issues & Actions)	All
16:00 p.m.	Public Comment Opportunity	Public
16:30 p.m.	Adjourn	

Enclosure