

October 11, 2006

MEMORANDUM TO: Stephanie M. Coffin, Chief
AP1000/EPR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Larry J. Burkhart, Project Manager **/RA/**
AP1000/EPR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: MEETING WITH AREVA NP (AREVA) REGARDING THE U.S.
EVOLUTIONARY POWER REACTOR (US EPR) STANDARD DESIGN

DATE & TIME: Tuesday, October 24, 2006
1:00 p.m. - 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North, Room 6B4
11555 Rockville Pike
Rockville, Maryland 20852

PURPOSE: To discuss probabilistic risk assessment - related aspects of the US EPR
standard design. Additional details regarding topics to be discussed are
provided in the enclosed agenda.

CATEGORY 1:* This is a Category 1 Meeting. The public is invited to observe this
meeting and will have one or more opportunities to communicate with the
NRC after the business portion, but before the meeting is adjourned.

CONTACT: Larry J. Burkhart, NRR/DNRL
301-415-1311
ljb3@nrc.gov

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

S. M. Coffin

- 2 -

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear Reactor Regulation (NRR) and the Office of Research (RES).

NRC

S. Coffin, NRR
L. Burkhart, NRR
Et al.

AREVA

Sandra Sloan, et al.

Project No. 733

Enclosure: Agenda

cc w/ecl: See next page

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear Reactor Regulation (NRR) and the Office of Research (RES).

NRC

S. Coffin, NRR
L. Burkhart, NRR
Et al.

AREVA

Sandra Sloan, et al.

Project No. 733

Enclosure: Agenda

cc w/ecl: See next page

DISTRIBUTION: See next page

ADAMS Accession No.: ML062750362

| | | | |
|--------|-----------|----------|----------|
| OFFICE | PM: NAPB | LA: NEPB | BC: NAPB |
| NAME | LBurkhart | MViera | SCoffin |
| DATE | 10/10/06 | 10/10/06 | 10/11/06 |

OFFICIAL RECORD COPY

PROPOSED AGENDA FOR
CATEGORY 1 PUBLIC MEETING
WITH AREVA
ON OCTOBER 24, 2006
REGARDING THE US EPR STANDARD DESIGN

| <u>Time</u> | <u>Topic</u> | <u>Led by</u> |
|-------------|--|---------------|
| 1:00 p.m. | Introductory remarks | NRC/AREVA |
| 1:15 p.m. | Probabilistic Risk Assessment (PRA) Intro and Overview -PRA Goals and Objectives -PRA Scope and Technical Quality -PRA Software -Use of PRA in the US EPR Design Process -Important US EPR Design Features | AREVA |
| 2:15 p.m. | PRA Models/Methodology and Preliminary Results -Level 1 Model -Level 2 Model -Level 3 Model -External Events -Low Power/Shutdown Model -Sensitivity and Uncertainty Analyses -Preliminary Level 1 (at power) Results | AREVA |
| 4:15 p.m. | Summary and Next Steps | AREVA/NRC |
| 4:20 p.m. | Opportunity for Public Comment | |
| 4:30 p.m. | Adjourn | |

Enclosure

Memo to S. M. Coffin from L. J. Burkhart, dated October 11, 2006

SUBJECT: MEETING WITH AREVA NP (AREVA) REGARDING THE U.S. EVOLUTIONARY
POWER REACTOR (US EPR) STANDARD DESIGN

DISTRIBUTION:

PUBLIC

PMNS

OWFN Receptionist (hard copy)

TWFN Receptionist (hard copy)

MViera (hard copy)

RidsNrrDnrlNapb (S. Coffin)

L. Burkhart

N. Carte

DNRL Distribution

D. Roth

T. Kobetz

H. Scott

Y. Hsii

S. Bajorek

G. Bagchi

E. Sullivan

C. Abbott

J. Danna

R. Denning

J. Flack

F. Eltawila

T. Mensah

N. Mamish

J. Jacobson

K. Welter

M. Waters

A. Howe

K. Winsberg, OGC

L. Plisco, RII

A. Debree, RES

G. Tesfaye

U.S. Evolutionary Power Reactor Mailing List

cc:

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, Suite 300
Washington, DC 20001

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

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

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

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

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

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

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

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

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

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

E-Mail:

tom.miller@hq.doe.gov
tom.miller@nuclear.energy.gov
sandra.sloan@areva.com
sfrantz@morganlewis.com
ksutton@morganlewis.com
jgutierrez@morganlewis.com
mwetterhahn@winston.com
gcesare@enercon.com
erg-xl@cox.com
whorin@winston.com
steven.hucik@ge.com
david.hinds@ge.com
patriciaL.campbell@ge.com
bob.brown@ge.com
chris.maslak@ge.com
mark.beaumont@wsms.com
James1.Beard@ge.com
george.stramback@gene.ge.com