

June 2, 2006

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

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

SUBJECT: MEETING WITH AREVA NP AND CONSTELLATION ENERGY TO  
DISCUSS FIRE PROTECTION AND ELECTRICAL SYSTEM DESIGN  
ISSUES OF THE U.S. EPR

DATE & TIME: Tuesday, June 20, 2006  
1:00 p.m. - 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
Two White Flint North, Room 3B23  
11455 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: To discuss AREVA NP's approach regarding design of the U.S. EPR with  
respect to fire protection and electrical system issues. Additional detail  
regarding topics to be discussed are provided in the attached 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.

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

<u>NRC</u>	<u>AREVA</u>	<u>CONSTELLATION</u>
J. Williams	R. Daflucas	R. Krich, et al.
L. Burkhart	S. Sloan, et al.	
G. Wilson		
P. Gill, et al.		

Attachment: Agenda

cc: See next page

CONTACT: Lawrence J. Burkhart and Joseph F. Williams, NRR  
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\*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"  
67 *Federal Register* 36920, May 28, 2002

Project No. 733

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NRC

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L. Burkhart  
G. Wilson  
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AREVA

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S. Sloan, et al.

CONSTELLATION

R. Krich, et al.

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Project No. 733

ADAMS ACCESSION NO.: ML061530163

OFFICE	PM:NAPB	BC:NAPB
NAME	LBurkhart	SCoffin
DATE	06/ 02 /06	06/ 02 /06

OFFICIAL RECORD COPY

Agenda for Public Meeting Between AREVA NP, Constellation Energy,  
and the NRC Regarding  
Fire Protection and Electrical System Issues  
for the EPR Design

June 20, 2006

Time	Topic	
1:00 p.m.	Introductory remarks	NRC AREVA
1:15 p.m.	U.S. EPR Introduction and Design Status Update	AREVA
1:25 p.m.	Electrical Systems Overview -Electrical Design Process and Timeline -Electrical Design Approach -Major Differences between OL3 (Finnish EPR currently under construction) and the U.S. EPR -Conceptual Single Line Diagram -Offsite Power System -Onsite Alternating Current and Uninterruptible Power Supply (UPS) Power Systems -ETAP Analysis -Summary	AREVA
3:00 p.m.	Opportunity for public comment followed by break	
3:15 p.m.	U.S. EPR Fire Protection and Train Separation -Fire Protection Defense-in-Depth -Regulatory Requirements and Considerations -Elements of the Fire Protection Program -Fire Protection Design Approach -Fire Protection Systems and Design Features -Safety Train Separation -Multiple Redundancy of Safety Systems -Control Room and Containment Considerations -Summary	AREVA
4:10 p.m.	Summary and next steps	AREVA
4:15 p.m.	Opportunity for public comment	
4:30 p.m.	Adjourn	NRC

Attachment

# NAPB COVER PAGE

**DOCUMENT NAME:** E:\Filenet\ML061530163.wpd

**SUBJECT:** MEETING WITH AREVA NP AND CONSTELLATION ENERGY TO DISCUSS FIRE PROTECTION AND ELECTRICAL SYSTEM DESIGN ISSUES OF THE U.S. EPR

**ORIGINATOR:** L. Burkhart

**SECRETARY:** T. Wade

**DATE:** June, 2 2006

●●● ROUTING LIST ●●●

	NAME	Room Number	DATE
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2.	S. Coffin	0-12D4	06/ /06
3.			/ /06
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<b>Tony Wade, NRR/DNRL</b>	<b>415-8540</b>	<b>O4A15B</b>
<b>****CALL FOR PICK UP</b>		

For all documents going to the 5<sup>th</sup> floor for review, this Document has been reviewed by the Division Secretary (signature of Div. Secretary)

\_\_\_\_\_ Date \_\_\_\_\_

Distribution: Meeting Notice Re: EPR Standard Design, dated June 2, 2006

Hard Copy

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TWFN Receptionist

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