

June 27, 2006

APPLICANT: Framatome ANP

PROJECT: EPR PRE-APPLICATION REVIEW

SUBJECT: SUMMARY OF MARCH 29, 2006, MEETING WITH AREVA NP REGARDING
THE COMPLIANCE EVALUATION FOR THE EVOLUTIONARY POWER
REACTOR (EPR) DESIGN CERTIFICATION APPLICATION

On March 29, 2006, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of AREVA NP (AREVA). The purpose of the meeting was to discuss AREVA's efforts to determine the content of the planned EPR design certification application necessary to comply with all NRC requirements. A list of meeting attendees is included as Attachment 1. Attachment 2 contains handouts AREVA provided at the meeting (ADAMS Accession Number ML060940090). A summary of the meeting is provided below.

AREVA plans to submit an application for certification of the EPR design in late 2007. While an EPR is under construction in Finland, with other EPRs planned in France, design documentation to be submitted in the U.S. will demonstrate compliance with U.S. regulatory requirements, codes, and standards, as opposed to demonstrating how foreign requirements are adequate.

AREVA's compliance effort is intended to identify regulatory requirements and guidance, and to address lessons learned from previous design certification reviews. The NRC has established expectations that applicants address operating experience. Since the EPR design originated in Europe, there was a discussion at the meeting regarding how relevant foreign experience will be addressed. AREVA representatives stated that foreign operating experience is an implicit part of the design, since the EPR is an evolutionary design derived from the most recently licensed pressurized water reactors in France and Germany.

AREVA described the database that has been developed to track compliance issues. This database includes tracking between the issue, relevant design control document (DCD) sections, and underlying source material, such as system description documentation. NRC staff noted that mapping between the topics and relevant DCD sections could be a useful tool to assist reviewers.

AREVA noted that some of their evaluation is relying upon draft regulatory guidance, such as draft Regulatory Guide 1.97, Revision 4, and draft Standard Review Plan sections. The staff indicated willingness to discuss topics in these areas with AREVA to assist their evaluation, but noted that AREVA will be responsible for ensuring the completeness and accuracy of the information submitted in its application.

The staff has developed a draft design certification application checklist, which was made public and shared with General Electric prior to submittal of its ESBWR design certification application. AREVA expressed interest in obtaining an updated checklist for the EPR. The staff stated it intends to develop a checklist and will provide it when it is available. Questions regarding this meeting can be directed to Joseph Williams at 301-415-1470, or at jfw1@nrc.gov.

/RA/

Joseph F. Williams
Senior Project Manager
New Reactor Licensing Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

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DATE	06/26/2006	06/27/2006

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Attendees

EPR Pre-application Meeting

March 29, 2006

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Ray Ganthner	AREVA NP
Ronnie Gardner	AREVA NP
Jim Kay	AREVA NP
Toney Mathews	AREVA NP
Sandra Sloan	AREVA NP
Joe Mihalcik	Constellation
George Wrobel	Constellation
Alan Beard	General Electric
Kathryn Sutton	Morgan Lewis
Martha Barillas	NRC
Steven Bloom	NRC
Jose Calvo	NRC
Amy Cubbage	NRC
Laura Dudes	NRC
Jeff Jacobson	NRC
Steve Koenick	NRC
Eric Oesterle	NRC
Lauren Quinones	NRC
Larry Rossbach	NRC
Joe Williams	NRC
Russ Wells	Parallax

EPR

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