April 11, 2008

APPLICANT: AREVA NP

PROJECT: U.S. EVOLUTIONARY POWER REACTOR

SUBJECT: SUMMARY OF MARCH 13, 2008, MEETING WITH AREVA NP TO DISCUSS SAFETY REVIEW SCHEDULE FOR AREVA NP's DESIGN CERTIFICATION APPLICATION REVIEW

On March 13, 2008, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of AREVA NP (AREVA) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The objectives of this meeting were to provide an overview of the NRC's COL and DC Review Process to AREVA, discuss typical review durations and resource allocations for DC reviews and to discuss specific significant schedule challenges which could impact the safety review schedules for the U.S. EPR Design Certification application. A list of meeting attendees is included as Enclosure 1. The handouts consisting of staff's presentation slides are included in Enclosure 2 and can be accessed through the Agencywide Documents Access and Management System (ADAMS) accession number ML080800158.

After the opening remarks and introductions of the attendees, staff presented the overview of the DC and COL Review Process. This presentation included an explanation of how the total review process was divided into several phases, which specific activities were covered in each phase, and what were the typical durations for these phases. Staff's presentation also covered the generic factors which can extend the duration of a particular phase. In the next presentation, staff provided status of AREVA's US EPR DC application review, which was then followed by the discussion on the specific challenges pertinent to AREVA's application which could have an impact on staff's review schedule.

A list of the specific schedule challenges that were discussed during this meeting is presented below:

- The US EPR design does not rely on active containment cooling systems for post-accident containment mixing. The staff anticipates requesting additional information which may require long lead items.

- Experience and/or test based seismic and dynamic qualification of mechanical and electrical equipment included in AREVA NP's DC application can also extend the review schedule.

- Fuel Design issue, Topical Report Reviews and Operator Actions assumptions used in Chapter 15 analysis, and the lack of analyses or test data to address debris downstream effect on the emergency core cooling system components or the cooling of the core.

Representatives from AREVA acknowledged that some of the issues discussed during the meeting had been brought to their attention previously during the acceptance review of the DC application. They also questioned the target dates of September, 2009 for the topical reports pertaining to RIA and Set Point Methodology. Staff concluded their presentation by re-stating their assertion that the uncertainties in review schedule may be reduced but can not be totally eliminated. The technical staff in attendence provided appropriate support throughout the presentation.

Public attendees were given opportunity to comment prior to adjournment, but they chose not to comment.

Questions regarding this meeting can be directed to Surinder Arora at 301-415-1421 or ssa1@nrc.gov.

/RA/

Surinder Arora, Project Manager
NARP Branch
Division of New Reactor Licensing
Office of New Reactor

Docket No. 52-020

Enclosures:
As stated above

cc: DC AREVA - EPR Mailing List

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/RA/

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Division of New Reactor Licensing
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cc: DC AREVA - EPR Mailing List

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OFFICE	PM: NRO/DNRL/NARP	LA: NRO/DNRL/NARP	LPM: NRO/DNRL/NARP	BC: NRO/DNRL/NARP
NAME	SArora	PCoates	GTesfaye	JColaccino
DATE	04/10 /2008	04/ 10/2008	04/10/2008	04/11/2008

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Public Meeting with AREVA to Discuss Safety Review Schedules for AREVA NP's Design Certification Application for the U.S. EPR Design
March 13, 2008
Attendance List

Name	Affiliation
Sandra Sloan	AREVA
Brian McIntyre	AREVA
Farshid Sharokhi	AREVA
Ray Lewis	AREVA
Thomas Sliva	AREVA
John Price	UniStar
George Wrobel	UniStar
Getachew Tesfaye	NRC
Joseph Colaccino	NRC
Surinder Arora	NRC
Steven Bloom	NRC
Lynn Mrowca	NRC
Joe Donohue	NRC
Mike Canova	NRC
Jack Donohue	NRC
Norbert Carte	NRC
Shanlai Lu	NRC
Pete Hearn	NRC
Jennifer Dixon-Herrity	NRC
John Rycyna	NRC
Pei-Ying Chen	NRC
Peter J. Kang	NRC
Swagata Som	NRC
Don Dube	NRC
Stephen Monarque	NRC

Enclosure 1

Name	Affiliation
Dan Barss	NRC
Pete Lee	NRC
Tony Hsia	NRC
Walton Jenson	NRC
Kendra Klump	NRC
Sujit Samaddar	NRC
Bonnie Stohr	NRC
Weidon Wang	NRC
Don Habib	NRC
Jenise Thompson	NRC
Peter Wilson	NRC
Terry Jackson	NRC
Mutsumi Ishida	MHI
Derick Botha	PBMR
Edward Burns	PBMR
Andries Van der Merve	PBMR
Christian Clement	EDF

Meeting Handout - NRC/AREVA Public Meeting
US EPR Design Certification Application Review Schedule

(ML080800158)

ENCLOSURE 2