

July 18, 2014

MEMORANDUM TO: John Segala, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Michael Eudy, Project Manager /RA/
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF APRIL 28, 2014, PUBLIC MEETING WITH AREVA INC.,
TO DISCUSS U.S. EPR DESIGN CERTIFICATION TECHNICAL ISSUE
RESOLUTION TOPICS

On Monday, April 28, 2014, the U.S. Nuclear Regulatory Commission (NRC) held a Category I public meeting with AREVA Inc., in the form of a meeting supported by a conference bridge line. The purpose of this public meeting was to discuss paths toward resolving technical issues currently being evaluated by NRC staff, and emergent issues related to Final Safety Analysis Report (FSAR) changes. AREVA provided two documents for discussion entitled, "U.S. EPR Design Certification RAI 579 Response – U.S. EPR FSAR Markups," and "Non-RAI Associated Changes to U.S. EPR FSAR Chapter 8, Revision 7." These documents are contained in Enclosures 2 and 3 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML14163A604 and ML14163A595).

The following items outline the discussion and actions pertaining to review issues discussed during the meeting:

Request for Additional Information (RAI) 579

- The NRC staff provided various editorial comments to the proposed FSAR mark-ups. AREVA understood the comments and would incorporate into the final RAI response.
- The NRC staff indicated that the response should clarify which Technical Specifications (TS) were involved with Medium Head Safety Injection (MHSI).
- The NRC staff suggested that the applicant be sure to ensure that any related Chapter 7 changes with respect to RAI 579 are consistent with any outstanding Chapter 7 RAIs.
- The NRC staff indicated the need for AREVA to provide vortexing calculations for audit purposes. The NRC staff suggested that the applicant should document and establish minimum and maximum flow rates.

- The NRC staff suggested that Figures 5.1-3 and 5.4-19, contained in the response should be updated to show set point levels with respect to actual vessel levels and dimensions.
- Chapter 8 FSAR Changes
- The NRC staff provided AREVA with a few editorial comments and would provide additional comments during the May 5, 2014, public meeting. AREVA understood the comments and would consider revisions accordingly.
- AREVA indicated that additional changes may be forthcoming based on their continued evaluation of potential impacts on Chapter 8 regarding the safe shutdown list.

Next Steps

- NRC staff and AREVA needed continue discussion of the draft audit plan and schedule the vortexing audit to support the NRC staff's review of RAI 579 accordingly.
- AREVA indicated that non RAI changes to Chapter 5 FSAR should be provided to NRC staff by May 12, 2014.
- NRC staff considered their comments on the RAI 579 mark-ups provided were complete and awaiting a final RAI response for full review.
- NRC staff would provide any remaining comments regarding Chapter 8 FSAR changes by May 5, 2014.
- AREVA would need to clarify any additional remaining Chapter 8 FSAR changes related to the safe shutdown list.

The meeting ended at approximately 5:00 p.m.

Docket No.: 52-020

Enclosures:

1. Meeting Attendees
2. U.S. EPR Design Certification RAI 579
Response – US EPR FSAR Markups
3. Non-RAI Associated Changes to U.S. EPR
FSAR Chapter 8, Revision 7

cc: See next page

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DATE	06/13/2014	06/13/2014	07/18/2014

Meeting Attendees

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Swagata Som	NRR	Rene Dergel	AREVA
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(Revised 05/20/2014)

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