

August 31, 2011

MEMORANDUM TO: Joseph Colaccino, Chief
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: David H. Jaffe /RA/
Senior Project Manager
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Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF August 9, 2011, PUBLIC MEETING WITH THE U.S. EPR
DESIGN CENTER WORKING GROUP

On August 9, 2011, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at 11921 Rockville Pike, Rockville, MD, with representatives of the U.S. EPR Design Center Working Group (DCWG). The purpose of the meeting was to discuss cross-cutting issues related to the U.S. EPR Design Center. The meeting agenda is provided as Enclosure 1 and the meeting attendance list is provided as Enclosure 2.

Presentation material distributed at the meeting is available through the Agencywide Documents Access and Management System (ADAMS) Accession No. ML112290123. Documents in ADAMS are available electronically at the NRC Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room (PDR) staff at 1 800 397-4209, 301 415-4737, or pdrr@nrc.gov.

The meeting was a Category 2 public meeting, during which members of the public were invited to provide comments at specific times identified in the agenda. No members of the public attended this meeting. The meeting lasted from 8:30 a.m. to 11:30 a.m. A summary of the subjects covered and respective findings is provided in the following sections.

Review of Action Items from Previous Meetings

A list of Action Items identified from previous meetings was reviewed. These items, and their current status, are included in the following table:

DCWG – NRC Action Items

Item	Description	Action Taken	Responsible	Due Date
1	AREVA to create a roadmap that will provide justification for deletion of COL Information Item 2.5-10 from Table 1.8-2	Complete	AREVA	Complete
2	AREVA to provide a Tier 2* preliminary item list for next DCWG meeting	During the next DCWG Meeting, a high level list of Tier 2* categories will be present.	AREVA	10/04/11
3	NRC staff to complete review of draft ITAAC RAI responses, and work with the DCWG to schedule a meeting	AREVA did not submit the draft ITAAC RAI responses	AREVA	08/30/11

Glossary

ITAAC - Inspection, Tests, analysis, and Acceptance Criteria/Criteria

NRC - Nuclear Regulatory Commission

DCWG - Design Center Working Group

FSAR - Final Safety Analysis Report

RAI - Request for Additional Information

Human Factors (HF) ITAAC

The NRC staff made a presentation on a new, proposed format for HF ITAAC. DCWG noted that for the Acceptance Criteria, the new format required that "An Inspection Report exists [that contains required conclusions]." AREVA NP Inc., (AREVA) note that an Inspection Report is normally an NRC work product so that use of this terminology is confusing. AREVA further noted that their Quality Assurance (QA) Plan required that an independent organization do the inspection of the task analysis Results Summary Report(s). AREVA questioned whether the "independent" organization was defined in a way that would supersede the definition in their QA Plan. Finally, the DCWG noted that the HF ITAAC requirements seem to vary across design centers. At the conclusion of the presentation, the NRC staff accepted three Action

Items for the next DCWG meeting: (1) Clarify the term "Inspection Report" as it applies to the HF ITAAC; (2) clarify the level of independence required for HF inspections; and (3) address the difference in HF ITAAC across the design centers.

Design Center Approach to Addressing Generic Safety Issue (GSI)-191

The NRC staff made a presentation on status of the review of down-stream debris effects associated with recirculation via the U.S. EPR containment sump. AREVA noted that they had conducted tests which resulted in the reduced source term by a factor of two. AREVA further noted that tests were run at both nominal and reduced flow. AREVA is also considering hot leg injection tests. AREVA committed to updating the GSI-191 closure plan within 2 weeks and informed the staff that AREVA would most likely submit a final technical report in mid-November of 2011.

Update on Cask Loading Issue

The NRC staff made observations concern the most recent U.S. EPR cask audit, specifically: (1) The FSAR needs more details and (2) no structural review was conducted in that insufficient information of this type was available; this information must be made available. The NRC staff noted that properties of the conceptual cask should be shown to be bounding with regards to the properties of an actual cask that is available; otherwise, the ability to remove fuel from the spent fuel storage pool will be lost. The NRC staff will provide a timeline showing the level of detail that is required and also a closure plan.

Action Items/Look Ahead

The NRC staff and DCWG members went through a list of upcoming action items. New action items for the next DCWG meeting:

1. The NRC staff committed to the following HF Action Items: (1) Clarify the term, "Inspection Report," as it applies to the HF ITAAC; (2) Clarify the level of independence required for HF inspections; and (3) Address the difference in HF ITAAC across the design centers.
2. AREVA committed to updating the GSI-191 closure plan within 2 weeks.
3. The NRC staff will provide a cask timeline showing the level of detail that is required and also a closure plan.

Closing Remarks

October 4, 2011, was suggested as the tentative date for the next DCWG meeting.

The attendance list is provided and no public feedback forms were received. Please direct any inquiries concerning this meeting to David.Jaffe@nrc.gov.

Docket No.: 52-020

Enclosures:

1. Meeting Agenda
2. Attendee List

cc: U.S. EPR DCWG Mailing List

Closing Remarks

October 4, 2011, was suggested as the tentative date for the next DCWG meeting.

The attendance list is provided and no public feedback forms were received. Please direct any inquiries concerning this meeting to David.Jaffe@nrc.gov.

Docket No.: 52-020

Enclosures:

- 3. Meeting Agenda
- 4. Attendee List

cc: U.S. EPR DCWG Mailing List

Enclosures:

Meeting Agenda and Attendee List

cc: U.S. EPR DCWG Mailing List

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DATE	08/24/2011	08/30/2011	08/31/2011

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MEETING AGENDA

U.S. EPR DESIGN CENTER WORKING GROUP PUBLIC MEETING

Tuesday, April 26, 2011

8:30 a.m. – 11:30 a.m.

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
8:30 a.m.	Introduction and Opening Remarks	NRC/DCWG**
8:45 a.m.	Review of Action Items from Previous Meeting <ol style="list-style-type: none">1. AREVA to create a roadmap that will provide justification for deletion of COL Information Item 2.5-10 from Table 1.8-22. AREVA to provide a Tier 2* preliminary item list for next DCWG meeting3. NRC staff to complete review of draft ITAAC RAI-469 responses, and work with the DCWG to schedule a meeting.	NRC/DCWG
9:00 a.m.	Human Factors ITAAC	NRC
9:30 a.m.	Design Center Approach to Addressing GSI-191	DCWG
10:00 a.m.	Break*	
10:15 a.m.	Update on Cask Loading Issue	DCWG
11:15 a.m.	Action Items/Closing Remarks	ALL
11:30 a.m.	Adjourn*	NRC

Note - All times listed are approximate and for planning purposes only. Adjustments may be made during the meeting as necessary.

* The public will be given opportunities to comment at these points in the meeting.

** DCWG – Design Center Working Group (AREVA, UniStar, and PPL affiliates)

ATTENDANCE LIST

U.S. EPR Design Center Working Group Public Meeting

Tuesday, August 9, 2011
8:30 a.m. - 11:30 a.m.

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30	Darrell Gardner	AREVA	
31	Dave Kowalski	AREVA	
32	Pavan Thallapragada	AREVA	
33	David Cofflin	AREVA	
34	Nitin Pandya	AREVA	
35	Len Gucwa	AREVA	
36	Desmond Raymond	AREVA	

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(Revised 02/15/2011)

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