

May 8, 2009

PARTICIPANTS: ESBWR Design Centered Working Group

SUBJECT: SUMMARY OF THE APRIL 22, 2009, MEETING TO DISCUSS  
COMBINED LICENSE APPLICATION ISSUES

On April 22, 2009, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting with representatives of the Economic Simplified Boiling Water Reactor (ESBWR) Design-Centered Working Group (DCWG) at the New Plant Oversight Committee Office, 11426 Rockville Pike, Suite 230, Rockville, Maryland. The purpose of the meeting was to discuss issues and activities associated with combined license (COL) applications. The meeting agenda is provided as Enclosure 1 (ADAMS Accession No. ML091170228). Attendees are identified in Enclosure 2 (ADAMS Accession No. ML091170228).

The meeting summary, meeting agenda, and presentation materials distributed during the meeting are available through the Agency wide Documents Access and Management System (ADAMS) as a package at ADAMS Accession Number ML091170225. ADAMS is the system that provides text and image files of NRC's public documents. Documents are available electronically at the NRC's 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 [pdr@nrc.gov](mailto:pdr@nrc.gov).

This public meeting was the latest in a series of meetings with the ESBWR DCWG to discuss COL-related topics of mutual interest to the staff and industry. The topics are summarized in the following paragraphs.

#### **North Anna Requests for Additional Information (RAI)**

NRC staff presented an overview of the status of RAIs for Phase 2 of the SER in the following Chapters: 1, 2, 4, 6, 7, 8, 10, 11, 12, 15, 16, 17, 18 and 19. The presentation which consists of the RAI status summary and table can be found at ML091170409 and ML091170426. Only the SER chapters that have been revised to incorporate Revision 1 of the COLA were included in the list. In addition to being addressed in the presentation, the North Anna COLA RAIs have also been updated in the eRAI database. Work is still being performed on the SER chapters. The NRC staff committed to providing the applicant with another update of RAIs status in Phase 2 of the North Anna SER at the next DCWG meeting.

#### **Technical Specification Issues**

NRC staff presented feedback in response to the North Anna Unit 3 COL application RAI 16-1. The staff shared with the DCWG that Dominion's response to RAI 16-1 will need to be revised to ensure that it is consistent with Revision 6 of the ESBWR Design Control Document (DCD). In addition, the staff discussed COL item characterization, the justification of site specific

information as well as non-RAI related changes to Revision 5 of the ESBWR DCD for Chapter 16. The presentation handout and the table of COL Action Items for Chapter 16 is available at ML091170435.

### **Security Review Update**

At the last DCWG meeting, a request was made for NRC staff to address a security COL Holder Item. NRC staff addressed questions from Dominion regarding disposition of COL Holder Item 13.6-8-H: Central Alarm Station and Secondary Alarm Station Redundancy. Dominion's questions can be found at ML091170448. A closed meeting will be scheduled to address Dominion's questions involving safeguards information.

### **Review of Action Items (e.g. COL Holder Items)**

At the April 1, 2009 meeting, the DCWG shared proposed disposition of COL Holder Items with NRC staff and discussed with the staff proposed resolutions to several holder items. The DCWG proposals to the COL Holder Items are available at ML091030642 and ML091030651. As a result of the meeting, several holder items were identified for further discussion. The DCWG discussed a presentation on Fire Hazard Analysis Verification in regards to the approach for revising COL Holder Item 9.5.1-7-H. This presentation can be found at ML091170381.

### **Action Item Discussion**

- NRC staff will provide feedback to the DCWG on a potential open item regarding a Turbine Missile Probability issue.
- NRC staff will provide feedback regarding the I&C DAC/ITAAC issue addressed in the industry's presentation on action items
- NRC will provide feedback regarding whether or not it is appropriate to have a license condition for Holder Item 9.5.1-7-H

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At this meeting, no comments were received from members of the public and no public meeting feedback forms were received. Please direct any inquiries to me at 301-415-6775, [janelle.jessie@NRC.gov](mailto:janelle.jessie@NRC.gov)

Sincerely,

*/RA/*

Janelle B. Jessie, Project Manager  
ESBWR/ABWR Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-010, 52-017, 52-024

Project Nos.: 745, 757, 761

Enclosures:  
As stated

cc w/encl: See next page

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Sincerely,

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Janelle B. Jessie, Project Manager  
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cc w/encl: See next page

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ADAMS ACCESSION NO.: ML091170225-Package

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DATE	04/30/2009	05/07/09	05/08/09

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SUBJECT: SUMMARY OF THE ESBWR DCWG APRIL 22, 2009, MEETING TO DISCUSS  
COMBINED LICENSE APPLICATION ISSUES DATED MAY 8, 2009

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(Revised 04/01/2009)

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Agenda for Public Meeting  
ESBWR Design-Centered Working Group (DCWG)  
Regarding COL Activities  
April 22, 2009

New Plants Oversight Committee Office  
11426 Rockville Pike, Suite 230  
Rockville, MD 20852-3007

<u>Time</u>	<u>Topic</u>	
8:30 a.m.	Introductory Remarks	NRC
8:45 a.m.	North Anna RAIs and SER/OI Update	NRC
9:30 a.m.	Technical Specification Issues	NRC
10:15 a.m.	Security Review Update	NRC
11:00 a.m.	Review of Action Items (e.g. COL Holder items)	DCWG
11:45 a.m.	Opportunity for Public Comment	ALL
12:00 p.m.	Adjourn	

Acronyms:

**ESWBR**= Economic Simplified Boiling Water Reactor, **COL** = Combined Operating License, **SER**= Safety Evaluation Report, **RAI** = Response for Additional Information, **O/I** = Open Items

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APRIL 22, 2009  
ESBWR DCWG MEETING

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