

May 21, 2008

PARTICIPANTS: ESBWR Design Centered Working Group

SUBJECT: SUMMARY OF THE MAY 13, 2008, MEETING TO DISCUSS COMBINED LICENSE APPLICATION ISSUES

On May 13, 2008, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at NRC Headquarters, 11545 Rockville Pike, Rockville, Maryland, with representatives of the Economic Simplified Boiling Water Reactor (ESBWR) Design-Centered Working Group (DCWG). 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 and attendees are identified in Enclosure 2.

This meeting summary, the meeting notice, and the presentation materials distributed at the meeting are available through the Agencywide Documents Access and Management System (ADAMS) as a package at Accession Number ML081410162. 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.

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.

Schedule for R-COLA and S-COLA Updates

DCWG representatives presented a schedule approach for submittal of revisions to the ESBWR Design Control Document (DCD), the Reference Combined License Application (R-COLA), and the Subsequent Combined License Applications (S-COLAs) to support the agency's design-centered review approach. Submittals are scheduled as follows: Revision 5 of the DCD by May 31, 2008; revised R-COLA (North Anna) on August 1, 2008; revised Grand Gulf S-COLA by September 1, 2008; and, additional S-COLA initial submittals during September 2008. The acknowledged challenge is to implement an approach that enables the staff to perform the requisite technical reviews of the DCD, R-COLA, and S-COLAs in a timely and efficient manner. Following the presentation, there was extensive discussion among the attendees. The presentation is available at ML081410369.

Preservice and Inservice Inspection

DCWG representatives presented proposals to address questions the staff had raised previously regarding the content of the R-COLA relative to preservice and inservice inspection technical issues. The presentation identified industry's understanding of the staff's issues and the corresponding proposed changes to the R-COLA. Interactive discussion between the

presenters and the staff occurred during the presentation and the conclusion was that the staff was in general agreement with the proposed changes. It is anticipated that the staff will issue formal requests for additional information (RAIs) on the identified issues and the R-COLA will be revised to incorporate proposed changes. The DCWG presentation is available at ML081410487.

COLA Security-Related Items

DCWG representatives presented a summary of, and a proposed approach for resolution of, new security-related items that are to be addressed in the COLAs. The new items resulted from the staff's RAIs related to the staff's security-related review of the DCD. Interactive discussion occurred during the presentation and the staff expressed general agreement with the presentation content. It is anticipated that items will be further addressed in a follow-up meeting. The presentation is available at ML081410518.

Startup Administrative Manual

DCWG representatives presented a proposed approach to address administrative and procedural issues associated with the initial test program in the COLAs. The issues were identified in the staff's RAIs related to the staff's review of the DCD. To supplement the presentation, the DCWG provided a draft test program administrative document for staff consideration. Interactive discussion occurred during the presentation that resulted in the staff's general agreement for the proposed approach. It is anticipated that the staff will provide feedback on the draft document, the DCWG will revise the draft, and this topic will be further addressed in a future meeting. The presentation is available at ML081410498 and the draft administrative document at ML081410504.

ESBWR Ventilation Stack Design Change

DCWG representatives presented a summary of the impact on the R-COLA of the ESBWR design change from a single plant ventilation stack to three plant ventilation stacks. It was stated that the change will have minimal impact on the R-COLA. Revision 5 of the DCD will reflect the design change and the associated revised radiological effluent analyses. The next revision of the R-COLA will incorporate the changed design and address the impact. The presentation is available at ML081410526.

Offsite Electrical Power System

DCWG representatives presented proposals to address questions the staff had raised previously regarding the content of the R-COLA relative to the offsite electrical power system. In addition, the staff identified potential RAIs related to its technical review of the R-COLA. DCWG representatives and the staff engaged in interactive discussion on a variety of offsite electrical power issues. It is anticipated that the staff will issue formal RAIs on a number of the discussed issues. Presentation materials consisted of electrical power system drawings excerpted from current versions of the ESBWR DCD and the R-COLA which are available on the NRC's public website.

Members of the public were in attendance. No public meeting feedback forms were received. Please direct any inquiries to me at 301.415.0224, Thomas.Kevern@nrc.gov.

/RA/

Thomas Kevern, Senior 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.: PROJ0757, PROJ0761

Enclosures:

1. Agenda
2. List of Attendees

cc w/encl: See next page

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Agenda for Public Meeting
ESBWR Design-Centered Working Group (DCWG)
Regarding COL Activities
May 13, 2008
U.S. NRC, Two White Flint North, Auditorium

<u>Time</u>	<u>Topic</u>	
8:30 a.m.	Introductory Remarks	NRC/DCWG
8:40 a.m.	Schedule for R-COL and S-COL Application Revisions	DCWG
10:00 a.m.	Preservice and Inservice Inspection (PSI & ISI)	DCWG
10:30 a.m.	Break	All
10:45 a.m.	COLA security-related items	DCWG
11:30 a.m.	Startup Administrative Manual	DCWG
12:15 p.m.	Opportunity for Public Comment	NRC
12:30 p.m.	Lunch	All
1:30 p.m.	Discussion of ESBWR Technical Topics (e.g., impact of ventilation stack design change on R-COLA; offsite power system)	NRC/DCWG
3:45 p.m.	Opportunity for Public Comment	NRC
4:00 p.m.	Adjourn	NRC

**Attendance List
AP-1000 & ESBWR DCWG Meeting
April 10, 2008
U.S. Nuclear Regulatory Commission, Rockville, MD**

Name	Organization
Tom Kevern	NRC/NRO/DNRL
Linda Patterson	Entergy
James Gibson	Dominion
Stephen Burdick	Morgan Lewis
George Zinke	Entergy
Norm Peterson	Detroit Edison
Eric Oesterle	NRC/DNRL/NRO
Mark Tonacci	NRC/DNRL/NRO
Tom Tai	NRC/DNRL/NRO
Mark Loeffler	GEH
Thomas Hicks	NuStart
Tom Sravorac	Enercon
Noel Dudley	NRC
Richard Reister	DOE
Harold Vander Molen	NRC/ACRS
Amy Cabbage	NRC/DNRL/NRO
Leslie Perkins	NRC/DNRL/NRO
Chandu P. Patel	NRC/DNRL/NRO
G. Salamer	Enercon
H. Hamzehee	NRC/DSRA/NRO
K. Tetter	NRC/DSRA/NRO
Jenny Weil	McGraw-Hill
Bruce Bavol	NRC/DNRL/NRO
Peter S. Lee	NRC/NSIR
David J. Dister	Exelon
Neil Ray	NRC/DE/NRO
Tim Steingass	NRC/DE/NRO/CIB2
Keith Hoffman	NRR/DCI

Name	Organization
Doug Huyak	NRC/NSIR
J. Alan Beard	GEH
John Disosway	Dominion
Albert Tardiff	NRC/NSIR
David Hoff	Bechtel
Frank Talbot	NRC/NRO/DCIP
Aida Riveru	NRC
John Nakoski	NRC/NRO/DCIP
Donna Sinks	NRC/NRO/DCIP
Michael Morgan	NRC/NRO/DCIP
Gina Borsh	Dominion
Brad Harvey	NRC/NRO/DCIP
Jean-Claude Dehmel	NRC/NRO/DCIP/CHPB
Andrea Johnson	NRC/DNRL/NRO

DCWG - ESBWR Mailing List

(Revised 05/16/2008)

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