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Sent: Monday, June 30, 2008 3:33 PM
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Cc: NorthAnna3COL Resource
Subject: Meeting Summary - DCWG 06/11/08
Attachments: MtgSumm 0611 ML0817504740.pdf

Gina:

FYI. Attached is recently-issued summary of June 11th DCWG public meeting. We may wish to confirm topic status/follow-up in Wednesday's DCWG telecon.

Tom

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June 27, 2008

PARTICIPANTS: ESBWR Design Centered Working Group

SUBJECT: SUMMARY OF THE JUNE 11, 2008 MEETING TO DISCUSS
COMBINED LICENSE APPLICATION ISSUES

On June 11, 2008, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at the New Plants Oversight Committee Offices, 11426 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, meeting notice, and presentation materials distributed at the meeting are available through the Agencywide Documents Access and Management System (ADAMS) as a package at Accession Number ML081750465. 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 pdrc@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.

R-COLA Environmental Review Update

The staff presented an overview of the environmental review being conducted for the North Anna COL application. The staff discussed the environmental site audit and environmental scoping meeting held in April 2008, requests for additional information (RAIs) associated with the review, the schedule associated with issuance of the draft supplemental environmental impact statement, and lessons learned. The presentation is available at ML081750485.

R-COLA and S-COLA Submittal Schedules

In follow-up to a DCWG presentation on this topic at the May 13, 2008 DCWG public meeting, DCWG representatives presented a proposed integrated scheduling approach for submittal of the follow-on S-COLAs and revisions of the R-COLA and S-COLAs. The approach considered submittal of revisions to the R-COLA and S-COLAs in synchronization with the NRC review phases of the respective applications. The presentation generated extensive discussion between the staff and DCWG representatives. The DCWG requested staff feedback on the proposed schedule and staff committed to providing such feedback. The presentation is available at ML081750489.

Availability of Information for COLA Reviews

DCWG representatives presented an overview of the methods for exchanging information between the staff and industry associated with the review process for COL applications. The presentation addressed telephone calls, e-mails, public meetings, site audits, and the different types of formal correspondence. The presentation is available at ML081750501.

Security-Related COL Items

In follow-up to a DCWG presentation on this topic at the May 13, 2008 DCWG public meeting, DCWG representatives presented revised COL items, for inclusion in the ESBWR design control document (DCD), and revised content of the COL application to address staff review comments. The DCWG requested staff feedback on the revised material and staff committed to providing feedback. The presentation is available at ML081750547.

Control Room Dose Changes

DCWG representatives presented an overview of changes in accident analyses dose calculations related to Revision 5 of the ESBWR DCD. The expectation is that DCD Revision 5 values will bound the site characteristic X/Q values. The COL applications will be updated to reflect the DCD methodology and to demonstrate that the DCD is bounding. The presentation is available at ML081750559.

ESBWR Ancillary Diesels – COLA

DCWG representatives presented an overview of the ESBWR ancillary diesel generator design change and the anticipated impact on COL applicants. The addition of two ancillary diesel generators, with the dedicated building and support systems, requires changes to the applicants' final safety analysis report (FSAR) and environmental report. The presentation is available at ML081750571.

Elimination of NEI Template 07-11

DCWG representatives presented the approach for performing site-specific cost-benefit analyses for liquid and gaseous waste management systems following the staff's discontinuance of the review of the industry's template for cost-benefit analysis (NEI 07-11). The DCWG identified that the R-COLA and S-COLAs will use the same approach and that the cost-benefit analysis conforms to applicable regulatory guidance and uses site-specific variable costs. The presentation is available at ML081750572.

R-COLA Safety Review Update

The staff presented an overview and current status of the safety review being conducted for the North Anna COL application. The staff discussed the six-phase schedule for the safety review, the current review status within Phase 1, and a summary of the RAIs pertaining to the North Anna review. The North Anna detailed review schedule is posted on the NRC's public website. The staff's handout regarding RAIs is available at ML081750579.

In response to a staff request, DCWG representatives presented an overview of Chapter 1 of the COLA FSAR. The presentation focused on the DCWG's initial development and finalization process for Chapter 1 and the included tables which address conformance of the COLA with regulatory guidance, generic regulatory issues, COL items, and site-specific information. The presentation is available at ML081750586.

Action Item Discussion

The staff reviewed the meeting summary from the DCWG public meeting held on May 22, 2008. Staff and DCWG representatives discussed topical issues and the status of action items.

ESBWR Inservice Testing (IST) Program. In follow-up to the DCWG presentation on this topic at the DCWG meeting on May 22, 2008, the DCWG committed to submit the revised IST program description to the NRC for review by July 1, 2008.

ESBWR Pressure-Temperature Limits (PTL). In follow-up to the DCWG presentation on this topic at the DCWG meeting on May 22, 2008, the DCWG discussed their proposed approach to address PTL in the COLAs. It is intended that GEH will develop a generic topical report that will contain bounding PTL curves, the methodology behind these curves, and additional methodology to support the adoption of a PTL report (PTLR). This topical report will be submitted to the NRC as a stand-alone report, outside of the ESBWR design certification docket. The COLAs will incorporate the bounding PTL curves from this report into the respective Technical Specifications and reference the associated methodology in the topical report. At a future time, COL holders will submit license amendments to adopt the NRC-approved PTLR approach in accordance with existing NRC guidance. The staff noted that the proposed approach was acceptable and that the schedule would not likely impact the R-COLA review schedule.

At this meeting, no members of the public were in attendance and no public meeting feedback forms were received. No date was set for the next ESBWR DCWG meeting. 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.: 757, 761

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
June 11, 2008
11426 Rockville Pike Suite 230
Rockville, MD 20852-3007

<u>Time</u>	<u>Topic</u>	
8:30 a.m.	Introductory Remarks	NRC
8:40 a.m.	R-COLA Environmental Review Update	NRC
9:10 a.m.	R-COLA and S-COLA Schedules	DCWG
10:00 a.m.	Availability of Information for COLA Reviews	DCWG
10:20 a.m.	Security COL Items	DCWG
10:40 a.m.	Control Room Dose Changes	DCWG
11:00 a.m.	ESBWR Ancillary Diesels – COLA	DCWG
11:20 a.m.	Elimination of NEI Template 07-11	DCWG
11:40 a.m.	Opportunity for Public Comment	NRC
11:45 a.m.	Lunch	All
1:00 p.m.	R-COLA Safety Review Update	NRC
2:30 p.m.	Action Item Discussion	NRC
3:15 p.m.	Opportunity for Public Comment	NRC
3:30 p.m.	Adjourn	

**Attendance List
ESBWR DCWG Meeting
June 11, 2008
U.S. Nuclear Regulatory Commission, Rockville, MD**

Name	Organization
Tom Kevern	NRC/NRO
Gina Borsh	Dominion
Thomas Hicks	NuStart
Tom Williamson	NuStart/Entergy
Charles Bagnal	GEH
Guy Cesare	NuStart
Gabe Salamon	Enercon
Matthew Williams	Dominion
Joe Bauer	Exelon
Peter Smith	Detroit Edison
Alicia Williamson	NRC
Eric Oesterle	NRC
Steve Frantz	Morgan Lewis
David Holt	Bechtel
David J. Lange	MNES
Roy Karimi	ERI
Joe Mihalcik	UniStar Nuclear Energy
Jerry Burford	Entergy
Dan Vatandoost	Enercon
Loretta Fahy	DOE
Patricia Campbell	GE-Hitachi Nuclear Energy
Joe Hegner	Dominion
Tony Banks	Dominion
Tamsen Dozier	NRC
Jeffrey Cruz	NRC
Mohammed Shuaibi	NRC
Michael Snodderly	US NRC
Andrea Johnson	NRC
J. C. Dehmel	USNRC/CHPB (Hdqs.)
J. Alan Beard	GEH
Albert Tardiff	NRC Reactor Security Branch
John Segala	NRC
Peter Lee	NRC/NSIR/DSP/RSLPB
Tom Kevern	NRC/NRO/DNRL
Steve Williams	NRC/NRO/DCIP/CHP

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(Revised 06/09/2008)

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