

September 4, 2008

PARTICIPANTS: ESBWR Design Centered Working Group

SUBJECT: SUMMARY OF THE AUGUST 7, 2008 MEETING TO DISCUSS
COMBINED LICENSE APPLICATION ISSUES

On August 7, 2008, 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). The morning session (8:30–11:30 a.m.) was held at NRC Headquarters Commissioners' Hearing Room, and the afternoon session (12:30–3:30 p.m.) was held at the New Plants Oversight Committee (NPOC) Offices, 11426 Rockville Pike, 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 and attendees are identified in Enclosure 2.

The 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 ML082321219. 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 pdrr@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.

DCD Rev. 5 Impact on COLAs

DCWG representatives lead a discussion of the significant ESBWR DCD Rev. 5 changes that impact COLAs, including a discussion of whether COLA changes should be forwarded to the staff in advance submittals (submittals made in advance of a full COLA revision). In order to facilitate staff reviews of COL areas impacted by DCD Rev. 5, the COL applicants proposed making supplemental submittals to their COL applications in advance of the next revision to their COL applications. Additionally, changes to Chapters 1–19 were presented, including the status of any advance submittals. The presentation is available at ML0823302400.

DCD RAIs vs. COLA RAIs

DCWG representatives led a brief discussion of DCD vs. COLA RAIs and provided examples where an RAI appeared to be more related to design information and should be asked against the DCD instead of the COLA. One of the primary messages included in the presentation

focused on the importance of writing the RAI against the correct application (DCD vs. COLA) because of the different processes for these applications. For example, the DCD goes through the rulemaking process, whereas the COLA goes through the hearing process. The presentation is available at ML0823302160.

Integrated COLA Submittal Schedules

There was a discussion of the integrated COLA submittal schedule. The staff presented a proposal on the timing of COLA submittal schedules. The presentation is available at ML082470334.

DAC Closure Regarding COLA Items

The DCWG presented a proposal on how R-COLAs and S-COLAs would respond to the action item per DAC closure (COL 14.3A-1) included in ESBWR DCD Rev. 5. The presentation included proposed text for addressing COL 14.3A-1 and is available at ML0823302230. The staff accepted an action item to provide feedback on the proposed text at the next DCWG meeting. The presentation is available at ML0823302230.

Secondary Alarm Station Design – NRC Feedback

North Anna presented an information proposal in response to staff feedback. Staff review and response is pending formal submittal on the applicant docket.

Discussion of North Anna RAIs (technical topics)

Specific RAIs related to Chapters 14 and 3 were discussed.

Action Item Discussion

The following Action Items require follow up:

1. The staff accepted an action item to provide DCWG with feedback on the proposed supplemental advance submittals to address COL impacts of ESBWR DCD Rev. 5.
2. The staff accepted an action item to provide DCWG with feedback regarding DAC closure and whether the process will be similar for S-COLAs.

The staff reviewed the meeting summary from the DCWG public meeting held on June 27, 2008. Staff and DCWG representatives discussed topical issues and the status of action items.

At this meeting, no comments were received from members of the public and no public meeting feedback forms were received. The next ESBWR DCWG public meeting is scheduled for September 4, 2008. Please direct any inquiries to me at 301-415-8148, Jerry.Hale@nrc.gov.

/RA/

Jerry Hale, 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

At this meeting, no comments were received from members of the public and no public meeting feedback forms were received. The next ESBWR DCWG public meeting is scheduled for September 4, 2008. Please direct any inquiries to me at 301-415-8148, Jerry.Hale@nrc.gov.

/RA/

Jerry Hale, 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

DISTRIBUTION:

PUBLIC	SGreen, NRO	TKevern	KWinsberg
NRO_DNRL_NGE1	RidsNroDnrl	NRO_DNRL_NGE2	JJolicoeur
RidsOpaMail	RidsRgn2MailCenter	KClark, Rgn 2	MGavrillas
RidsOgcMailCenter	RidsAcrcAcnwMailCenter	SMarshall, RES	ACubbage
DBarss	TFrye	CCox	GCranston
JDonoghue	JDixon-Herrity	AHsia	DHuyck
HHamzehee	IJung	MJunge	RKaras
TJackson	AMendiola	JNakoski	MMarshall
JSegala	MSnodderly	MThaggard	SSamaddar
RRasmussen	RRadlinski	PWilson	AHowe
RJenkins	JMcKirgan	SLee	NRay

ADAMS ACCESSION NO.: ML082321219-Package

OFFICE	NGE1: PM	NGE1: PM	NGE1: BC
NAME	JHale	AJohnson-via e-mail	JCruz-B. Sosa for:
DATE	09/03/08	09/03/08	09/04/08

OFFICIAL RECORD COPY

Agenda for Public Meeting
 ESBWR Design-Centered Working Group (DCWG)
 Regarding COL Activities
 August 7, 2008
 11426 Rockville Pike
 TWFN Cafeteria (8 :30- 11 :30)
 NPOC office (12 :30 – 3 :30 p.m.)
 Rockville, MD 20852-3007

<u>Item</u>	<u>Time</u>	<u>Topic</u>	<u>Presenting</u>
1	8:30 a.m.	Introductory Remarks	NRC
2	8:40 a.m.	DCD Rev. 5 impact on COLAs	DCWG
3	9:10 a.m.	Potential “unsolicited” submittals of COLA changes (DCD Rev. 5)	DCWG
4	10:00 a.m.	DCD RAIs vs. COLA RAIs	DCWG
5	10:50 a.m.	COLA Submittal schedules – NRC feedback	NRC
6	11:30 a.m.	Lunch	All
7	12:30 p.m.	NRC feedback on NAPS COLA RAI responses submitted to date	NRC
8	1:00 p.m.	DAC closure regarding COLA items	DCWG
9	1:45 p.m.	Secondary Alarm Station design (security) - NRC feedback	NRC
10	2:30 p.m.	Discussion of North Anna RAIs (technical topics)	DCWG
11	3:00 p.m.	Action Item Discussion	NRC
12	3:15 p.m.	Opportunity for Public Comment	NRC
13	3:30 p.m.	Adjourn	

**Attendance List
ESBWR DCWG Meeting
August 7, 2008
U.S. Nuclear Regulatory Commission, Rockville, MD**

Name	Organization
Thomas Hicks	NUSTART
George Zinke	Entergy / NUSTART
Tom Williamson	Entergy / NUSTART
Gina Borsh	Dominion
Peter Smith	Detroit Edison
Tom Kevern	NRC/NRO/DNRL/NGE1
Bob Evans	Enercon Services
Dan Vatandoost	Enercon
Amy Cubbage	NRC/NRO/DNRL/NGE1
Leslie Perkins	NRC/NRO/DNRL/NGE1
Rick Kingston	GE-Hitachi
Patricia Campbell	GE-Hitachi
Guy Cesare	NUSTART
David Holt	Bechtel
Ian Jung	NRC/NRO/DE/ICE2
James Bongarra	NRC/NRO/DCIP/COLP
Jean Claude Dehmel	NRC/NRO/DCIP/CHPB
Tim Frye	NRC/NRO/DCIP/CHPB
A. H. Hsia	NRC/NRO
Terri Spicher	NRC/NRO
K. R. Hsu	NRC/NRO
Eric Oesterle	NRC/NRO/DNRL/NGE1
Mike Jonzen	AREVA/Advisory Engr
Loretta Fahy	DOE-NE-31
Charles Bagnal	GE/Sr. Licensing Engr
Joseph Fray	Morgan Lewis
Lance Escher	Morgan Lewis
Stephen Burdick	Morgan Lewis
Hulbert Li	NRC/NRO/OE/ICE2
Christian Clement	Unistar

Name	Organization
William McConaghy	Toshiba/Tane
Joe Ashcraft	NRC/NRO/DE/ICE2
Thomas Fredette	NRC/NRO/DE/ICE2
Jeffrey Cruz	NRC/NRO/DNRL
Deanna Raleigh	Advantage Sciencetech

DCWG - ESBWR Mailing List

(Revised 08/25/2008)

cc:

Ms. Michele Boyd
Legislative Director
Energy Program
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Lawrence J. Chandler
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, N.W.
Washington, DC 20004

Mr. Ray Ganthner
Senior Vice President
AREVA, NP, Inc. 3315
Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Mr. Ronald Kinney
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

DCWG - ESBWR Mailing List

Email

aec@nrc.gov (Andrea Johnson)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
bennettS2@bv.com (Steve A. Bennett)
bevans@enercon.com (Bob Evans)
bob.brown@ge.com (Robert E. Brown)
BrinkmCB@westinghouse.com (Charles Brinkman)
cberger@energetics.com (Carl Berger)
chris.maslak@ge.com (Chris Maslak)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
dan1.williamson@ge.com (Dan Williamson)
david.lewis@pillsburylaw.com (David Lewis)
dlochbaum@UCSUSA.org (David Lochbaum)
don.lewis@ge.com (Don Lewis)
draleigh@scientech.com (Denna Raleigh)
Eugene_Grecheck@dom.com (Eugene S. Grecheck)
gcesare@enercon.com (Guy Cesare)
george.honma@ge.com (George Honma)
george.stramback@gene.ge.com (George Stramback)
george.wadkins@ge.com (George Wadkins)
GovePA@BV.com (Patrick Gove)
greshaja@westinghouse.com (James Gresham)
gzinke@entergy.com (George Alan Zinke)
hickste@earthlink.net (Thomas Hicks)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
Jim.Kinsey@inl.gov (James Kinsey)
jim.riccio@wdc.greenpeace.org (James Riccio)
JJNesrsta@cpsenergy.com (James J. Nesrsta)
joel.Friday@ge.com (Joel Friday)
John.O'Neill@pillsburylaw.com (John O'Neill)
john.sorensen@ge.com (John Sorensen)
Joseph_Hegner@dom.com (Joseph Hegner)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
kenneth.ainger@exeloncorp.com (Kenneth Ainger)
KSutton@morganlewis.com (Kathryn M. Sutton)
kurt.schaefer@ge.com (Kurt Schaefer)
kwaugh@impact-net.org (Kenneth O. Waugh)
lou.lanese@ge.com (Lou Lanese)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
Marvin.Smith@dom.com (Marvin L. Smith)

DCWG - ESBWR Mailing List

matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mike_moran@fpl.com (Mike Moran)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
PAC2@nrc.gov (Peter Cochran)
pareez.golub@ge.com (Pareez Golub)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
peter.jordan@ge.com (Peter Jordan)
phinnen@entergy.com (Paul Hinnenkamp)
pshastings@duke-energy.com (Peter Hastings)
Rebecca.Smith-Kevern@nuclear.energy.gov (Rebecca Smith-Kevern)
regservices@scientech.com (Reg Service)
rick.kingston@ge.com (Rick Kingston)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
roberta.swain@ge.com (Roberta Swain)
Russell.Wells@Areva.com (Russell Wells)
sandra.sloan@areva.com (Sandra Sloan)
SauerB@BV.com (Robert C. Sauer)
sfrantz@morganlewis.com (Stephen P. Frantz)
sid.kere@dom.com (Sid Kere)
steven.hucik@ge.com (Steven Hucik)
tdurkin@energetics.com (Tim Durkin)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
VictorB@bv.com (Bill Victor)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)