

July 18, 2013

MEMORANDUM TO: Ronaldo Y. Jenkins, Branch Chief  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

FROM: David Misenhimer, Project Manager **/RA/**  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 20, 2013, MEETING BETWEEN THE  
U.S. NUCLEAR REGULATORY COMMISSION STAFF, GENERAL  
ELECTRIC-HITACHI NUCLEAR ENERGY, DTE ELECTRIC COMPANY,  
AND DOMINION VIRGINIA POWER TO DISCUSS THE PROGRAM  
STATUS OF THE ECONOMIC SIMPLIFIED BOILING-WATER  
REACTOR DESIGN CENTER

On June 20, 2013, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting with General Electric-Hitachi Nuclear Energy (GEH), DTE Electric Company (DTE), and Dominion Virginia Power (Dominion) staff to discuss the Economic Simplified Boiling-Water Reactor (ESBWR) Design Center as part of the ESBWR Design-Centered Working Group (DCWG) meeting. Enclosure 1 lists the meeting attendees.

A meeting notice was issued on June 7, 2013, and was posted on the NRC's external (public) web page. It is also available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML13157A037. Enclosure 2 provides the meeting agenda. The meeting was a Category 2 meeting and was open to the public.

Agenda Item Discussion:

Members of the ESBWR DCWG presented a slide presentation (ML13172A064). GEH provided their understanding of the ESBWR design certification review status, DTE provided their understanding of the Fermi Unit 3 RCOLA review status, and Dominion provided their understanding of the North Anna Unit 3 COLA review status. At the public meeting held on June 6, 2013 with GEH and DTE (ML13177A143), the NRC stated they would be sending a supplemental request for additional information (RAI) to DTE concerning Bulletin (BL) 2012-01. During the June 20, 2013 presentation, the NRC staff mentioned the NRC decided to send a RAI to GEH rather than DTE to get the detailed information needed to address issues in NRC Bulletin (BL) 2012-01.

CONTACT: David Misenhimer, NRO/DNRL  
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The NRC staff discussed two Inspections, Tests, Analyses, Acceptance Criteria (ITAAC) issues for GEH to consider as they revise the ESBWR design certification document (DCD). One ITAAC issue related to ITAAC for American Society of Mechanical Engineers (ASME) Component Design and was summarized in a handout (ML13172A065). The second ITAAC issue related to Alternatives to ASME Code Section III Design/Construction Requirements under Part 52 and was presented in two handouts (ML13172A066 and ML13172A060).

The ESBWR DCWG developed the following action items at the end of the meeting:

1. GEH will discuss the ITAAC for ASME components at the next DCWG meeting.
2. The NRC will decide when the next DCWG meeting will be scheduled.
3. The NRC will confirm the schedule for sending the RAI on NRC BL 2012-01 and GEH will confirm the schedule for submitting a response to the NRC.
4. GEH and the NRC will decide on a bi-weekly public meeting schedule to discuss GEH responses to the steam dryer RAIs.
5. General design technical specification typos have been identified. GEH and DTE will discuss the path forward to correct the typos at the next DCWG meeting.

When the meeting was opened for public comments, Michael Keegan of Don't Waste Michigan said he had three questions. The questions were technical and the NRC stated the appropriate NRC technical staff that could answer the questions were not attending the meeting. Mr. Keegan agreed to submit the questions in writing.

Steven Dolley of Platts asked if the Fermi Unit 3 RCOLA review schedule is in ADAMS. The NRC stated the schedule is in ADAMS. He also asked when schedules would be developed for the ESBWR rulemaking and North Anna Unit 3 COLA review. The NRC stated these schedules would be developed after the NRC receives responses to the steam dryer RAIs. Mr. Dolley asked how the RAI on the NRC BL 2012-01 may affect the DCD and the Fermi Unit 3 COLA. The NRC stated the RAI will ask for the delineation of scope between the DCD and COL applicants in regards to the bulletin.

#### Public Participation

The meeting was open to the public.

Docket No.: 52-010, 52-033, 52-017

Enclosures: As stated

cc w/encls: See next page

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The ESBWR DSWG developed the following action items at the end of the meeting:

1. GEH will discuss the ITAAC for ASME components at the next DCWG meeting.
2. The NRC will decide when the next DCWG meeting will be scheduled.
3. The NRC will confirm the schedule for sending the RAI on NRC BL 2012-01 and GEH will confirm the schedule for submitting a response to the NRC.
4. GEH and the NRC will decide on a bi-weekly public meeting schedule to discuss GEH responses to the steam dryer RAIs.
5. DTE and GEH will resolve the general design specification typos that have been identified in DTE's Fermi Unit 3 COLA and GEH's ESBWR DCD.

When the meeting was opened for public comments, Michael Keegan of Don't Waste Michigan said he had three questions. The questions were technical and the NRC stated the appropriate NRC technical staff that could answer the questions were not attending the meeting. Mr. Keegan agreed to submit the questions in writing.

Steven Dolley of Platts asked if the Fermi Unit 3 RCOLA review schedule is in ADAMS. The NRC stated the schedule is in ADAMS. He also asked when schedules would be developed for the ESBWR rulemaking and North Anna Unit 3 COLA review. The NRC stated these schedules would be developed after the NRC receives responses to the steam dryer RAIs. Mr. Dolley asked how the RAI on the NRC BL 2012-01 may affect the DCD and the Fermi Unit 3 COLA. The NRC stated the RAI will ask for the delineation of scope between the DCD and COL applicants in regards to the bulletin.

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cc w/encls: See next page

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**ADAMS Accession No.:** ML13197A469 (Summary)

ML13198A299 (Package)

NRO-002

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<b>DATE</b>	7/17/13	7/17/13	7/18/13
<b>OFFICE</b>	LPM:NRO/DNRL/LB3	LPM:NRO/DNRL/LB3	
<b>NAME</b>	AMuñiz	DMisenhimer	
<b>DATE</b>	7/17/13	7/18/13	

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Memorandum to Ronaldo Jenkins from David Misenhimer dated July 18, 2013

SUBJECT: SUMMARY OF JUNE 20, 2013, MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION STAFF, GENERAL ELECTRIC-HITACHI NUCLEAR ENERGY, AND DTE ELECTRIC COMPANY TO DISCUSS THE ECONOMIC SIMPLIFIED BOILING-WATER REACTOR DESIGN CERTIFICATION AND FERMI UNIT 3 COMBINED LICENSE APPLICATION REQUEST FOR ADDITIONAL INFORMATION RELATED TO BULLETIN 2012-01

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RNolan, NRO

TNavedo, NRR

VGoel, NRR

## LIST OF ATTENDEES

**Public Meeting with Economic Simplified Boiling-Water Reactor  
Design Center Working Group  
Including General Electric-Hitachi Nuclear Energy,  
DTE Electric Company, and Dominion Virginia Power**

**June 20, 2013, 10:00 a.m.**

<b>Name</b>	<b>Organization</b>
David Misenhimer	NRC
Tekia Govan	NRC
Brian Johnson	GEH
Lansing Dusek	Fluor
David Terao	NRC
George Tartal	NRC
Theresa Clark	NRC
Joe Hegner	Dominion
Chandu Patel	NRC
Jerald Head	GEH
Walter (Skip) Schumitses	GEH
Peter Smith	DTE
Alexandra Burja	NRC
Mike Brandon	DTE
Ian Tseng	NRC
Patricia Campbell	GEH
Timothy Enfinger	GEH (via phone)
Kim Milchuck	GEH (via phone)
Judy Petrucelli	NRC
Dennis Gordon	NRC (via phone)
Peter Prescott	NRC (via phone)
Jim Kinsey	Member of the Public (via phone)
Steven Dolley	Platts (via phone)
Michael Keegan	Don't Waste Michigan (via phone)
Eddy Grant	Excel Services (via phone)

**Meeting Agenda  
(Revised)  
Thursday, June 20, 2013  
10:00 a.m. – 12:00 p.m.**

**U.S. Nuclear Regulatory Commission  
Two White Flint North, Room TWFN-06A01  
11545 Rockville Pike  
Rockville, Maryland**

**Economic Simplified Boiling-Water Reactor  
Design Center Working Group Public Meeting**

<b><u>TIME</u></b>	<b><u>TOPIC</u></b>	<b><u>LEAD</u></b>
10:00 a.m.	Introductions/opening remarks	All
10:15 a.m.	ESBWR DCWG Goals	All
11:15 a.m.	ITAAC Issues	NRC
11:45 a.m.	Follow-up Actions	All
11:50 a.m.	Public Comments	Public
12:00 p.m.	Adjourn	NRC

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