



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

June 28, 2016

MEMORANDUM TO: Stewart N. Bailey, Chief
Containment and Balance of Plant Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

FROM: Rajender Auluck, Senior Project Manager */RA/*
Containment and Balance of Plant Branch
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Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 1, 2017, MEETING TO
DISCUSS ACTIVITIES ASSOCIATED WITH
IMPLEMENTATION OF NEAR-TERM TASK FORCE
RECOMMENDATION 5.1 RELATED TO CONTAINMENT
VENTING SYSTEMS

On June 1, 2017, a Category 2 public meeting was held between the U. S. Nuclear Regulatory Commission (NRC) staff, representatives from the Nuclear Energy Institute (NEI), and the Boiling Water Reactor Owners Group (BWROG) (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17137A287), to continue discussions on activities directed by the Commission in a staff requirements memorandum (SRM) dated March 19, 2013 (ADAMS Accession No. ML13078A017), SRM-SECY-12-0157, "Consideration of Additional Requirements for Containment Venting Systems for Boiling Water Reactors [BWRs] with Mark I and Mark II containments." These discussions were related to the NRC's Implementation of Order EA-13-109 (ADAMS Accession No. ML13130A067), which addressed Recommendation 5.1 of the Near-Term Task Force (NTTF) report for Enhancing Reactor Safety in the 21st Century report, issued July 12, 2011 (ADAMS Accession No. ML111861807). The main focus of the meeting was on the development of a template for licensees with BWR Mark I and Mark II containments to use in preparation of their site-specific final integrated plan (FIP) that will describe how they comply with the requirements of the order.

The NRC staff began by summarizing the progress made since the last meeting held in August 2015. As required by the order, licensees' with BWR Mark I and II containments submitted their overall integrated plans (OIPs) for Phase 1 by June 30, 2014, and for Phase 2 by December 31, 2015. The staff completed its review of both Phase 1 and Phase 2 OIPs and issued interim staff evaluations (ISEs). These ISEs included staff-identified open items. As part of the audit process, the staff is verifying closure of the open items and will document them in its safety evaluation (SE). The licensees are documenting the closure of the open items in their 6-month updates, which are available in ADAMS.

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The focus of the meeting was the contents of the FIP, which the licensees will submit when a plant site is in full compliance with the order. In particular, the focus was on the level of detail to be included in the FIP such that it supports staff preparation of the final SE. As part of the meeting handout, the staff provided a draft table of contents of the SE and a checklist for the type of information to be included in each section of the SE.

The industry presentation began with an overall summary and status of several ongoing activities related to compliance with Order EA-13-109. These included the industry's FIP template and the compliance letter template. Industry also discussed the use of E-Portals, logistics to pilot the FIP, and the content of the NRC's draft checklist. The FIP template is about 60 percent complete industry plans to submit it to the NRC for endorsement by September 30, 2017. The NRC staff stated that it will support the industry schedule to the extent possible and will schedule public meetings as needed to provide feedback.

The industry next stated that the audit calls on closeout of the ISE Phase 1 open items are going well. Three such calls had been completed, and future calls are scheduled approximately every two weeks. The NRC staff agreed with the industry's assessment and further stated that it is very important for licensees to upload onto the E-Portal all analyses and/or calculations that are referenced in their response to the ISE open items.

Next, industry stated that a compliance letter would be submitted after each unit comes into full compliance with the order, and that the FIP covering all units at the site will be submitted after the last unit comes into compliance. These letters would be submitted within 60 days following the compliance date. Industry also noted that ISE open item responses will not be included in the compliance letter if they were previously included in the 6-month updates. The staff agreed with this approach.

Next, the industry presented its draft FIP template. The draft is about 60 percent complete and for Phase 1 follows the same sequence as the order requirements, and as suggested in the NRC checklist. For the Phase 2 order requirements, the industry proposed a slightly different approach. They proposed to combine the sections on Severe Accident Water Addition and Severe Accident Water Management. The staff agreed to that the approach was reasonable. The staff also asked that licensees clarify the extent to which the water management strategy uses equipment that has been reviewed under Order EA-12-049. The staff agreed to review the proposed draft FIP and provide their comments prior to the next public meeting, which is tentatively scheduled for late July 2017. The industry proposes to use the Brunswick Steam Electric Plant, Units 1 and 2, FIP as a pilot for BWR Mark I, and the Nine Mile Point Nuclear Station, Unit 2, FIP as a pilot for BWR Mark II plants.

The NRC and industry meeting handouts can be found under ADAMS Accession Nos. ML17151B026 and ML17152A202, respectively.

Members of the public attended in person and through the bridge line. At designated points during the meeting, members of the public were invited to provide any comments on the presentations. Members of the public asked some clarifying questions and the NRC staff responded to all questions.

Enclosure:
List of Attendees

SUMMARY OF JUNE 1, 2017, MEETING TO DISCUSS ACTIVITIES ASSOCIATED WITH IMPLEMENTATION OF NEAR-TERM TASK FORCE RECOMMENDATION 5.1 RELATED TO CONTAINMENT VENTING SYSTEMS DATED JUNE 28, 2017

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***via email**

OFFICE	NRR/JLD/JCBB/PM	NRR/JLD/LA	NRR/JLD/JCBB/BC*	NRR/JLD/JCBB/PM
NAME	RAuluck	SLent	SBailey	RAuluck
DATE	06/ 28 /2017	06/ 27 /2017	06/ 28 /2017	06/ 28 /2017

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**NRC Public Meeting
Recommendation 5.1 Related to Containment Venting System
June 1, 2017**

List of Attendees

Name	Organization
Rajender Auluck	U. S. Nuclear Regulatory Commission(NRC)
Randy Bunt	Southern Nuclear Operating Company
Stewart Bailey	NRC
Kevin Roche	NRC
Kerby Scales	NRC
Steve Wyman	NRC
Robert Ginsberg	Duke Energy
Jim Peschel	Certrec Corporation
Phil Amway	Exelon
John Parillo	NRC
Bruce Heida	NRC
Terry Farthing	GE Hitachi (GEH)
Jenna Bergman	Sciencetech/Nuclear Div.
Brian Lee	NRC

Enclosure

Name	Organization
Steven Dolly	PLATTS
Kinsey Ginsberg	Public
Harold Scott	NRC
Marvin Lewis	Public