

September 4, 2013

MEMORANDUM TO: William D. Reckley, Chief
Policy and Support Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

FROM: Rajender Auluck, Senior Project Manager */RA/*
Policy and Support Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF August 12, 2013 MEETING TO DISCUSS
ACTIVITIES ASSOCIATED WITH IMPLEMENTATION OF
NEAR- TERM TASK FORCE RECOMMENDATION 5.1
RELATED TO CONTAINMENT VENTING SYSTEMS

On August 12, 2013, a Category 2 public meeting was held between the Nuclear Regulatory Commission (NRC) staff, and representatives from the Nuclear Energy Institute (NEI) and the Boiling Water Owners group related to the Implementation of Recommendation 5.1 of the Near-Term Task Force Recommendations for Enhancing Reactor Safety in the 21st Century report, issued July 12, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111861807). The specific purpose of this meeting was to continue discussions on the development of interim staff guidance (ISG) in support of Order EA-13-109, which was issued on June 6, 2013 (ADAMS Accession Nos. ML13130A067).

The NRC staff opened the meeting and thanked everyone for supporting these public meetings and actively participating in addressing several important issues. The staff further stated that their initial comments on selected sections of NEI 13-02, Rev. A3.2 were provided earlier last week (ADAMS Accession No. ML13217A440). In their opening remarks, the industry representatives thanked the NRC staff for providing comments and will be discussing disposition of those comments later in the meeting.

The NRC staff briefly discussed the schedule and target to issue the draft ISG for public comment late in August 2013. The industry working group representative stated that their intent is to revise the guidance document based on further discussions and submit for NRC staff review by August 14, 2013. This revision will include all sections needed for implementation of Phase 1 of Order EA-13-109. Sections which relate to

CONTACT: Rajender Auluck, NRR/JLD
301-415-1025

drywell venting will not be included in this revision. The industry representatives provided an overview of the process of addressing staff comments. The comments were grouped as accepted, alternative proposed, further discussion suggested, deferred for Phase 2, and no change recommended. These comments were on selected portions of Section 1 (Introduction), Section 2 (Wet well boundary conditions for vent design and operation), Section 4 (Design considerations), Section 5 (Programmatic controls), and Section 6 (Operational considerations). In all, 44 staff comments were accepted, alternatives were proposed for nine, 17 were grouped under further discussions suggested, one was deferred, and no changes were suggested for eight comments.

The discussion topics included use of hardened containment venting system (HCVS) during beyond design basis event (BDBE) and during severe accident conditions. BDBEs may not always result in a severe accident conditions. The HCVS design discussions also included boundary conditions for containment pressure and temperature both for the wetwell and drywell vent paths including shared paths. The NRC staff provided their initial assessment and comments, but agreed to provide written comments.

Members of the public attended in person, through the bridge-line and via webcast. 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. The NRC staff responded to all questions adequately.

A list of attendees is provided (Enclosure 1). Presentation handouts may be located through ADAMS Package No. ML13238A166.

Enclosure:

1. List of attendees
2. Presentation slides and handouts.

drywell venting will not be included in this revision. The industry representatives provided an overview of the process of addressing staff comments. The comments were grouped as accepted, alternative proposed, further discussion suggested, deferred for Phase 2, and no change recommended. These comments were on selected portions of Section 1 (Introduction), Section 2 (Wet well boundary conditions for vent design and operation), Section 4 (Design considerations), Section 5 (Programmatic controls), and Section 6 (Operational considerations). In all 44 staff comments were accepted, alternatives were proposed for nine, 17 were grouped under further discussions suggested, one was deferred, and no changes were suggested for eight comments.

The discussion topics included use of hardened containment venting system (HCVS) during beyond design basis event (BDBE) and during severe accident conditions. BDBEs may not always result in a severe accident conditions. The HCVS design discussions also included boundary conditions for containment pressure and temperature both for the wetwell and drywell vent paths including shared paths. The NRC staff provided their initial assessment and comments, but agreed to provide written comments.

Members of the public attended in person, through the bridge-line and via webcast. 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. The NRC staff responded to all questions adequately.

A list of attendees is provided (Enclosure 1). Presentation handouts may be located through ADAMS Package No. ML13238A166.

Enclosure:

1. List of attendees
2. Presentation slides and handouts

DISTRIBUTION:

PUBLIC

JLD R/F

TWertz, NRR

RidsRgn1MailCenter Resour

RJervy, NRR

DScrenci, OPA RI

RHannah, OPA RII

VMitlyng, OPA RIII

VDricks, OPA IV

RidsOpaMail Resource

RidsNrrDorI Resource

RidsRgn2MailCenter Resource

RidsRgn3MailCenter Resource

RidsRgn4MailCenter Resource

RidsAcrcsAcnw_MailCTR Resource

SKennedy, EDO RI, RII, RIII, and RIV

RidsNrrLASLent Resource

ADAMS Accession Nos.: (Pkg.)ML13238A166 (Summary) ML13238A171

OFFICE	NRR/JLD/PSB/PM	NRR/JLD/LA	NRR/JLD/PSB/PM	NRR/JLD/PSB/PM
NAME	RAuluck	SLent	WReckley	RAuluck
DATE	08/21 /13	08/ 28/13	09/4/13	09/4/13

OFFICIAL RECORD COPY



**NRC Public Meeting
Mark I and Mark II BWRs Containment Venting Systems
Guidance for Order EA-13-109
August 12, 2013**

Name	Organization
Rajender Auluck	Nuclear Regulatory Commission(NRC)
Gregory Sossow	PSEG Nuclear
Timothy Devik	PSEG Nuclear
Phil Amway	CENG
Shayne Tenace	CENG
Randy Bunt	SNC
Tom Parker	Xcel Energy
Dennis Hanneke	GE Hitachi
Tom Stevens	NEI
Terry Farthing	GE Hitachi Nuclear Energy
Jerome Bettle	NRC
Nageswara Karipineni	NRC
Bruce Heida	NRC
Stephanie Galbreath	NRC
Carmen Franklin	NRC
Weidong Wang	NRC
Camille Zozula	Westinghouse
Robert Pettis	NRC
Patrick Castleman	NRC
Chuck Norton	NRC