

June 14, 2016

MEMORANDUM TO: Gregory T. Bowman, Acting Chief
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

FROM: Anthony J. Minarik, Project Manager /RA/
Hazards Management Branch
Japan Lessons-Learned Division
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MAY 18, 2016, PUBLIC MEETING RELATED TO
REVIEW STATUS OF ASSOCIATED EFFECTS AND FLOOD EVENT
DURATION AS PART OF THE NRC STAFF REVIEW OF LICENSE
FLOOD HAZARD REEVALUATION REPORTS

On May 18, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting with the representatives from the Nuclear Energy Institute (NEI) to discuss the process and timeline for the NRC staff's review of licensee information submitted in response to the March 12, 2012, Requests for Information issued pursuant to Title 10 of the *Code of Federal Regulations* Section 50.54(f) (hereafter referred to as the 50.54(f) letter) related to Near-Term Task Force Recommendation 2.1 on flooding. The meeting notice and agenda, dated May 5, 2016, are available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML16126A356. Copies of NRC's and NEI's presentation materials are available in ADAMS under Accession Nos. ML16138A309 and ML16153A427, respectively. A list of attendees is provided in the enclosure to this memorandum.

The purpose of the meeting was to discuss the associated effects of re-evaluated flood hazards. Associated effects are described in JLD-ISG-2012-05, "Guidance for Performing the Integrated Assessment for External Flooding" (ADAMS Accession No. ML12311A214). The NRC provided a brief presentation explaining the strategy for the 50.54(f) flooding reviews and the current status of those reviews including the reviews of associated effects. The NRC staff noted that the strategy did change based on Commission direction that is documented in SRM COMSECY-15-0019 (ADAMS Accession No. ML12311A214). To better illustrate the status of the review of associated effects, the NRC showed a draft status table. A copy of the draft status table is available in ADAMS under Accession No. ML16159A004.

Representatives from NEI expressed concern with licensees performing and submitting mitigating strategies assessment, focused evaluations, or integrated assessment without the benefit of NRC staff documentation of the NRC staff's review of the associated effects. Because of their concerns with uncertainty and risk of rework, they suggested delaying

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performance and submittal of mitigating strategies assessment, focused evaluations, or integrated assessment until after receipt of NRC staff's documentation of the review of associated effects. After receiving clarification on the change in review strategy, the NEI representatives suggested that the NRC staff broadly communicate the change in strategy concerning associated effects in writing (e.g., interim staff guidance), especially NRC staff's declaration that associated effects needs to be addressed only for flood-causing mechanisms whose total water surface elevation level (when including those associated effects that impact water level) exceeded the current design-basis.

No regulatory decisions were made during the meeting. The following action items were identified during the meeting:

- The NRC staff will finalize the "draft" status table and make it publicly available through ADAMS.
- The NEI representatives will inform their members of the public availability of the status sheet.
- If requested, the NRC staff will meet with licensees that needed additional plant-specific clarification on the status of the review of associated affects in order to support their timely submittal of additional information needed under the 50.54(f) letter.

Several individuals from other industry organizations participated in the meeting. Prior to concluding the meeting, an opportunity for public comment and questions was afforded to meeting attendees. No comments or questions were provided to the NRC staff from the public. Public meeting feedback forms were available. No public meeting feedback forms received during or after the meeting.

Enclosure:
List of Attendees

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DISTRIBUTION:

PUBLIC	VHall	RidsNrrLASLent
JLD R/F	TGovan	RidsACRS_MailCTR Resource
TWertz	RidsNrrDorl	AMinarik
SBailey	MMarshall	CCook
MShams	JUribe	RRivera-Lugo
MWillingham	LQuinn-Willingham	ARivera
RidsNroDsea	JQuichocho	MDudek, EDO RI, RII, RIII, and RIV

ADAMS Accession No.: ML16153A009

*** via e-mail**

OFFICE	NRR/JLD/JHMB/PM	NRR/JLD/LA	NRR/JLD/JHMB/BC	NRR/JLD/JHMB/PM
NAME	AMinarik	SLent	MShams	AMinarik
DATE	06/01/2016	06/02/2016	06/14/2016	06/14/2016

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Public Meeting to Discuss Review Status of Associated Effects and Flood Event Durations as
Part of the NRC Staff Review of Licensee Flood Hazard Reevaluation
May 18, 2016

List of Attendees

NAME	ORGANIZATION	NAME	ORGANIZATION
Anthony Minarik	U.S. Nuclear Regulatory Commission (NRC)	Chris Burks	Dominion
Hosung Ahn	NRC	Ray Schneider	Westinghouse
Juan F. Uribe	NRC	Charlotte Geiger	PSEG
Victor Hall	NRC	George Attarian	Aterra Solutions
Tekia Govan	NRC	Joe Bellini	Aterra Solutions
Chris Cook	NRC	Thomas Zachariah	NEI
Nilesh Chokshi	NRC	Michael Tschiltz	NEI
Mohamed Shams	NRC	Rick Rohrer	Xcel Energy
Aida Rivera	NRC	John Conly	Certrec
Andy Campbell	NRC	Brenda Kovarik	Ameren Electric
Michael Marshall	NRC	Jana Bergman	Curtiss-Wright
Lyle Hibler	NRC	Richard Rogalski	Energy Northwest
Warren Jones	NRC	Tom Spink	TVA
Michell Bensi	NRC	Bob Coad	First Energy
Steve Breithaupt	NRC	Rodney Brown	Energy Compliance Consultants, Inc.
Richard Rivera	NRC	Mark Moenssens	Westinghouse
		Bill McTigue	PSEG
		John Fields	FP&L
		John Weglian	EPRI
		Gary Ruf	PSEG