

March 7, 2013

MEMORANDUM TO: Matthew A. Mitchell, Chief
Projects Management Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

FROM: Lisa M. Regner, Sr. Project Manager **/RA/**
Projects Management Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE JANUARY 23, 2013, PUBLIC WEBINAR ON
THE CENTRAL AND EASTERN UNITED STATES GROUND
MOTION MODEL PROJECT UPDATE ASSOCIATED WITH
JAPAN LESSONS LEARNED NEAR-TERM TASK FORCE
RECOMMENDATION 2.1 REGARDING SEISMIC
REEVALUATIONS

On January 23, 2013, the U.S. Nuclear Regulatory Commission (NRC or the staff) held a Category 2 public meeting¹ to continue discussions associated with the Electric Power Research Institute's (EPRI's) central and eastern United States (CEUS) ground motion model (GMM) update project supporting Recommendation 2.1, seismic reevaluations. This recommendation can be found in *Near-Term Task Force [NTTF] Recommendations for Enhancing Reactor Safety in the 21st Century* report, issued July 12, 2011.² The seismic reevaluations were identified as a Tier 1 recommendation, which are under consideration for implementation without unnecessary delay. Consequently, on March 12, 2012, the NRC issued a request for information per Title 10 to the *Code of Federal Regulations*, Section 50.54(f). Enclosure 1 to the request for information letter includes Recommendation 2.1: Seismic.

The meeting participants used a webinar format to facilitate the CEUS GMM Project status updates from the EPRI staff. The EPRI staff provided two presentations: one was an overview of the project, and the second was a more detailed look at the project stages. Both presentations are publically available in the Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML13022A159 and ML13024A391, respectively.

Industry plans to update the existing staff-approved EPRI model (EPRI 2004, 2006) for use by nuclear power plant licensees for their seismic hazard reevaluations specified in the 10 CFR 50.54(f) letter. The EPRI staff requested that the latest model methodology be accepted by the staff by the end of February. The NRC staff requested that industry submit the request formally for docketing. The NRC staff emphasized however, that the existing EPRI model is appropriate for industry use if the new model is not approved. The EPRI staff provided

¹ The meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML12356A394.

² The NTTF report is available under ADAMS Accession No. ML111861807.

an executive overview and status of the GMM Review Project including the project schedule and remaining tasks to complete the project. The EPRI staff also discussed in detail the preliminary results of the calculations and final model. The new model incorporates current data, models, and methods.

Following the meeting, by letter dated January 31, 2013, the NEI staff submitted a 'preliminary' copy of the latest GMM draft for staff review and discussion. The document can be found at ADAMS Accession No. ML13059A090.

The list of attendees for the meeting is enclosed.

Members of the public participated in the webinar and asked clarifying questions throughout the meeting.

Enclosure:
Participant List

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Enclosure:
Participant List

DISTRIBUTION:

PUBLIC
JLD R/F
PMNS Resource
EMiller
TWertz
LRegner
BWittick

RidsOgcMailCenter Resource
RidsOpaMail Resource
RidsNrrDorI Resource
RidsNrrLAABaxter Resource
RidsAcrsAcnw_MailCTR Resource
SKennedy, EDO RI, RII, RIII, & RIV

ADAMS Accession No.: ML13043A759

*Concurrence via e-mail

OFFICE	PM: NRR/JLD/PMB	LA: NRR/JLD*	BC: NRR/JLD/PMB	PM: NRR/JLD/PMB
NAME	LRegner	SRohrer	MMitchell	LRegner
DATE	03/07/2013	2/19/2013	03/07/2013	03/07/2013

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Public Webinar on Central and Eastern United States Ground Motion Model Project Update
for Japan Lessons Learned Near-Term Task Force Recommendation 2.1
Regarding the Seismic Reevaluation

January 23, 2013

Participant List

Name:

Organization:

Lisa Regner	U.S. Nuclear Regulatory Commission (NRC)
Cliff Munson	NRC
Jon Ake	NRC
Scott Flanders	NRC
Thomas Weaver	NRC
Scott Stovall	NRC
Robert Roche-Rivera	NRC
Rasool Anooshehpour	NRC
Pei-Ying Chen	NRC
Stephanie Devlin	NRC
Sarah Tabatabai	NRC
Yong Li	NRC
Dogan Seber	NRC
Richard Rivera-Lugo	NRC
Vladimir Graizer	NRC
Lawrence Salomone	EPRI Consultant
Gabriel Toro	Lettis Consultants International
Jeff Kimball	Defense Nuclear Facility Safety Board
Richard Quittmeyer	Paul C. Rizzo Associates, Inc.
Robert Whorton	South Carolina Electric and Gas
Jason Weathersby	Tennessee Valley Authority
Phillip Tarpinian	Exelon
Clay Sams	AMEC

Enclosure