

March 13, 2012

MEMORANDUM TO: Shana R. Helton, Chief  
Rulemaking Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Christina L. England, Regulations Specialist **/RA/**  
Rulemaking Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE FEBRUARY 15, 2012 PUBLIC MEETING TO DISCUSS IMPLEMENTATION OF NEAR-TERM TASK FORCE RECOMMENDATION 8, STRENGTHENING AND INTEGRATION OF ONSITE EMERGENCY RESPONSE CAPABILITIES SUCH AS EOPS, SAMGS, AND EDMGS, RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT ACCIDENT

The Nuclear Regulatory Commission (NRC) held a Category 2 public meeting on February 15, 2012, to commence discussion on the rulemaking strategies under consideration by the NRC to address Recommendation 8, strengthening and integration of onsite emergency response capabilities such as emergency operating procedures (EOPs), severe accident management guidelines (SAMGs), and the extensive damage mitigation guidelines (EDMGs). Details can be found in the *Near-Term Task Force (NTTF) Recommendations for Enhancing Reactor Safety in the 21<sup>st</sup> Century Report*, issued July 12, 2011, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111861807).

The meeting was held at NRC Headquarters in Rockville, Maryland, and it was attended by 33 people. Additional individuals remotely participated in the meeting through webinar and audio teleconferencing. Since the NRC was not accepting public comments, a transcript of the meeting was not obtained.

The notice and agenda for the meeting can be found in ADAMS under Accession No. ML120270129. The Presenters at the meeting included the NRC staff and members of the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), the Boiling Water Reactor Owners Group (BWROG), the Pressurized Water Reactor Owners Group (PWROG), and the Institute for Nuclear Power Operation (INPO).

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### NRC Staff Presentations

At the meeting, the NRC staff presented information related to Recommendation 8 and the NRC's rulemaking strategy to engage stakeholders in rulemaking activities associated with the methodology for integration of onsite emergency response processes, procedures, training, and exercises. The NRC outlined its plan to address Recommendation 8 in the standard rulemaking process and provided the docket identification number, NRC-2012-0031, to view the associated rulemaking on [www.regulations.gov](http://www.regulations.gov).

The NRC staff also presented information about a petition for rulemaking (PRM) submitted by the Natural Resources Defense Council, Inc. on July 28, 2011, that directly quotes Recommendation 8.4 of the Fukushima NTF Report. The NRC staff provided the docket identification number, NRC-2011-0189, to view the PRM on [www.regulations.gov](http://www.regulations.gov).

The NRC staff presented an overview of the NRC's current regulatory approach toward EOPs, SAMGs, and EDMGs; the current status of onsite emergency response capabilities; and the NRC's working group objectives for promulgating a regulation in response to Recommendation 8 of the Fukushima NTF Report.

The NRC staff noted that public comment will be sought in an upcoming Advanced Notice of Proposed Rulemaking (ANPR), scheduled to be published in the *Federal Register* and on [www.regulations.gov](http://www.regulations.gov) by May 2012.

### Presentations by Industry

The presentations by industry representatives are available in ADAMS under Accession No. ML12073A300. The NEI presentation discussed action plans, arising from Building Block #7 Technical Support and R&D Coordination of the industry's "Way Forward Initiative." NEI identified action plans that are currently underway for SAMGs, external hazards (e.g., flooding, seismic), containment protective strategies, and radiological release analyses. For SAMGs, NEI described the establishment of a SAMG Action Plan Working Group and provided a list of current participants. The NEI presentation detailed recent SAMG activities and also defined the scope and schedule for updating, implementing, and monitoring SAMGs.

The EPRI presentation began with an overview of the Original Technical Basis Report (EPRI TR-101869), published in December 1992, and described its goals for updating Volumes 1 and 2. The goals presented in the presentation include the following: include available insights from the Fukushima Dai-ichi accidents, incorporate insights gained from experiments performed since the 1992 version of the Technical Basis Report, and incorporate plant-specific severe accident analyses drawing on the Technical Basis Report.

The PWROG presentation discussed its authorization of a program for developing SAMG enhancements that includes working with EPRI to update the Technical Basis Report, updating existing guidance, and coordinating SAMGs with EOPs and with EDMGs. Their presentation also included a schedule of deliverables for the PWROG SAMG Enhancement Program.

The BWROG presentation began with an overview of its SAMGs and described recent SAMG developments. Their presentation also included a projected completion date of December 2012 for Revision 3 of its SAMGs.

Enclosure:

1. Attendee List
2. NRC presentation slides
3. NEI presentation slides

The BWROG presentation began with an overview of its SAMGs and described recent SAMG developments. Their presentation also included a projected completion date of December 2012 for Revision 3 of its SAMGs.

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ADAMS Accession No(s): ML12073A283 (Pkg.); ML12073A294 (Summary); ML12073A296 (NRC Slides); ML12073A300 (NEI Slides)

OFFICE	NRR/DPR/PRMB	DPR:PM	NRR/DPR/PRMB:BC
NAME	CEngland	RBeall	SHelton
DATE	3/12/2012	3/9/2012	3/13/2012

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LIST OF MEETING ATTENDEES, February 15, 2012

Name	Organization
Robert Beall	NRC/NRR
Stuart Lewis	EPRI
Ted Book	AREVA
Tom Mulford	EPRI
Maurice Dingler	PWROG
Ed Wills	Progress
Chris Cowdrey	NRC/NRR
AJ Muzumdar	COG
Bill Williamson	TVA/BWROG
Matthew Dukette	INPO
Lovell Gilbert	COG
Jeff Gabor	ERIN
Bob Lutz	Westinghouse
Keith Dinnie	AMEC
Bill Berg	GEH
David Luxat	ERIN
Rob Whelan	GE/BWROG
Roy Liuthicum	Exelon
Thomas Zachariah	PWROG
Michael Wasem	NRC/EP
Taro Rilcihiscu	MNES
Takashi Yamaguchi	MNES
Masrur Khan	BECHTEZ
Danielle Burnette	NRC
Bob Henry	FAI
Howard Benowitz	NRC/OGC
Don Helton	NRC
Deann Raleigh	Scientech
Paul Hansen	ENERCOM
Sean Currie	NRC
Christina England	NRC
Bill Bradley	NEI
*George W. Lapinsky	NRC
*Joe Gasper	Omaha Public Power District
*John Marczak	Ontario Power Generation
*Mark Hunter	UniStar Nuclear
*Mike Drudy	Westinghouse Electric Company
*Nancy Chapman	Bechtel Power Corporation
*William Tse	Ontario Power Generation
*Alvin Robertson	Westinghouse Electric Company
*Petruscu Anton	
*Nick Ivanoff	Ontario Power Generation
*Jim Kellum	NRC
*Theresa Barczy	NRC

\*Participated via webinar or teleconference

ENCLOSURE

NRC Presentation Slides  
Meeting Summary of the 2/15/2012 Meeting with  
NRC/NEI  
Dated: March 13, 2012

NEI (Industry) Presentation Slides  
Meeting Summary of the 2/15/2012 Meeting with  
NRC/NEI  
Dated: March 13, 2012