

December 19, 2011

MEMORANDUM TO: Robert J. Pascarelli, Chief  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

FROM: Steven D. Bloom, Senior Project Manager /RA/  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF DECEMBER 8, 2011, PUBLIC MEETING ON  
RECOMMENDATION 4.2 OF THE NEAR-TERM TASK FORCE  
REPORT RELATED TO THE FUKUSHIMA DAIICHI NUCLEAR  
POWER PLANT ACCIDENT

On December 8, 2011, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting with the Nuclear Energy Institute (NEI), Industry representatives and members of the public to discuss recommendation 4.2 of the *Near-Term Task Force (NTTF) 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 meeting focused on the NTTF Tier 1 Recommendation 4.2, related to issuing Orders to licensees to provide reasonable protection for equipment currently provided pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54 (hh)(2) from the effects of design-basis external events and to add equipment as needed to address multiunit events.

The NRC staff provided a short introduction on the NRC Fukushima Daiichi event response and the path forward with respect to this recommendation. The staff slides can be obtained from ADAMS Accession Nos. ML11340A005 and ML113350290.

NEI and industry representatives presented their proposed generic NTTF recommendation approach focusing on an *Integrated, Diverse & Flexible Mitigation Capability* (FLEX), which was presented as a way to enhance nuclear site defense in depth and safety. The NEI slides can be obtained from ADAMS Accession No. ML11342A192. The concept leverages on-site and off-site support mechanisms such as equipment and structures integrated with emergency operating procedures, and severe accident management and mitigation guidelines to provide enhanced safety measures for consideration of specific beyond design basis event sequences that would cause a possible extended SBO condition. The industry is developing a template for NRC consideration regarding site specific hazards, protection strategies, programmatic controls and implementation schedules. NEI and industry suggested the use of commercial standards as providing reasonable protection for equipment.

The NRC staff is seeking input on the definition for reasonable protection from the effects of external events as well as an appropriate standard for reasonable protection. The NRC staff asked NEI and the industry a question regarding the need to identify the appropriate regulatory treatment of the proposed Regional Support Centers and NEI acknowledged that they will address this issue in the future. The NRC staff also commented that the international community uses filtered containment vents and again industry stated that they would consider it for U.S. plants. The meetings concluded with questions from interested stakeholders and members of the public. Additional public meetings and stakeholder interactions are planned prior to the issue of NRC orders regarding NTTF Recommendation 4.2.

Enclosure:  
List of Attendees

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Enclosure:  
List of Attendees

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<b>OFFICE</b>	PM: NRR/JLD/PMB	LA: NRR/DORL	BC: NRR/JLD/PMB	PM: NRR/JLD/PMB
<b>NAME</b>	SBloom	SRohrer	JPascarelli	SBloom
<b>DATE</b>	12/15/2011	12/15/2011	12/19/2011	12/19/2011

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LIST OF ATTENDEES

U.S. NUCLEAR REGULATORY COMMISSION

DECEMBER 8, 2011, PUBLIC MEETING ON

RECOMMENDATION 4.2 OF THE NEAR-TERM TASK FORCE REPORT

RELATED TO THE FUKUSHIMA DAIICHI NUCLEAR POWER PLANT ACCIDENT

<b>Name</b>	<b>Organization</b>
Steven Bloom	U.S. Nuclear Regulatory Commission (NRC)
Robert Pascarelli	NRC
Eric Bowman	NRC
Jessica Kratchman	NRC
Blake Purnell	NRC
Michael Levine	NRC
James Shea	NRC
Rachel Vaucher	NRC
Greg Casto	NRC
Tim Reed	NRC
Rich Laura	NRC
Matthew McConnell	NRC
Robert Fretz	NRC
Chris Cowdrey	NRC
Stacey Rosenberg	NRC
Earl Libby	NRC
Lisa Regner	NRC
Ed Miller	NRC
Chris Gratton	NRC
Stanley Gardocki	NRC
Jana Bergman	Sciencetech/CWFC
Alan Levin	AREVA
Bryan Ford	Entergy
Steven D. Root	STARS/SCE
David Helker	Exelon
Robert Fosdick	CNWRA
Justin Weare	PSEG
David Schupp	Exelon
D. Bryan Miller	Progress Energy
Dave Bucheit	Dominion
Robin Ritzman	First Energy
Les England	Entergy
Tom Houghton	NEI

ENCLOSURE

Amy Whaley (by phone)	Olgethorpe Power
Barbara Warren (by phone)	Citizens' Environmental Coalition
Steven Dolley (by phone)	Inside NRC, Platts
Rob O'Connell (by phone)	WorleyParsons
Fred Hoffert (by phone)	WorleyParsons
David White (by phone)	AREVA
Mike Drudy (by phone)	Westinghouse Electric Company