

October 1, 2014

MEMORANDUM TO: Sheena A. Whaley, Chief  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

FROM: Nicholas J. DiFrancesco, Senior Project Manager */RA/*  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF AUGUST 13, 2014, CATEGORY 2 PUBLIC MEETING WITH THE NUCLEAR ENERGY INSTITUTE TO DISCUSS THE EXPEDITED SEISMIC EVALUATION PROCESS SUBMITTAL TEMPLATE ASSOCIATED WITH NEAR-TERM TASK FORCE RECOMMENDATION 2.1 "SEISMIC"

On August 13, 2014, the U. S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting<sup>1</sup> with the Nuclear Energy Institute (NEI) at NRC Headquarters. The purpose of this meeting was to discuss plans for the development of guidance for the submittal of the Expedited Seismic Evaluation Process (ESEP) Report<sup>2</sup> related to Enclosure 1, *Recommendation 2.1: Seismic* of the March 12, 2012, NRC request for information issued pursuant to Title 10 to the *Code of Federal Regulations*, Section 50.54(f) (hereafter referred to as the 50.54 (f) letter)<sup>3</sup>.

During the meeting, NEI representatives discussed the proposed NRC markups to the industry expedited approach template<sup>4</sup> for the December 2014 submittals. Following the public meeting the NRC staff provided NEI with template markups dated August 20, 2014<sup>5</sup>.

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<sup>1</sup> The meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML14212A791.

<sup>2</sup> The Expedited Approach guidance document is available under ADAMS Accession No. ML13102A142. The ESEP is also known as the Expedited Approach.

<sup>3</sup> The 50.54(f) letter and Enclosure 1 are available under ADAMS Accession Nos. ML12053A340 and ML12056A047.

<sup>4</sup> NRC comments on draft NEI template is available under ADAMS Accession No. ML14234A486.

<sup>5</sup> NRC staff template markups dated August 20, 2014 is available under ADAMS Accession No. ML14234A486.

In closing, the meeting between NRC staff and NEI representatives discussed the following meeting outcomes:

- The NRC staff emphasized interest in further development of Section 6.0, "Seismic Margin Evaluation Approach," to ensure general agreement on the level of detail given its importance to the overall review. Additionally, the NRC staff discussed that additional details in the Section 6.0 template would support NRC review and resource planning. NEI agreed to discuss the request with industry stakeholders.
- NRC staff acknowledged that discussion of simplified Process and Instrumentation Diagrams or references were included in the revised template. The NRC staff discussed the importance of that Section to understanding the FLEX seismic implementation strategy, including those systems and components credited in the strategy, to support the staff review of the ESEP.
- NRC and NEI discussed that some seismic interactions are outside the scope of the ESEP. Piping attached to tanks and block walls should be included. Additionally, components anchored to sub-structural elements should be reviewed. Other seismic interactions, including flooding and fire, would be addressed in the seismic probabilistic risk assessment.

No regulatory decisions or commitments were made during the meeting. The public was invited to observe the meeting and was given several opportunities to communicate with the NRC during the public meeting and before adjourning. The NRC staff did not receive public comments or meeting feedback forms.

Enclosure:  
List of Attendees

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Enclosure:  
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**ADAMS Accession No.:** ML14267A414

\*concurrence via e-mail

<b>OFFICE</b>	NRR/JLD/JHMB/PM	NRR/JLD/LA*	NRR/JLD/JHMB/BC	NRR/JLD/PMB/PM
<b>NAME</b>	FVega	SLent	SWhaley	NDiFrancesco
<b>DATE</b>	10/01/14	09/30/14	10/01/14	10/01/14

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Memo to Sheena A. Whaley from Nicholas J. DiFrancesco dated October 1, 2014

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**SUMMARY OF AUGUST 13, 2014, CATEGORY 2 PUBLIC MEETING WITH THE NUCLEAR ENERGY INSTITUTE TO DISCUSS THE EXPEDITED SEISMIC EVALUATION PROCESS SUBMITTAL TEMPLATE ASSOCIATED WITH NEAR-TERM TASK FORCE RECOMMENDATION 2.1 "SEISMIC"**

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List of Attendees

U.S. Nuclear Regulatory Commission  
Public Meeting with the Nuclear Energy Institute to discuss the Expedited Seismic Evaluation  
Process Submittal Template Associated with Near-Term Task Force Recommendation 2.1  
“Seismic”

August 13, 2014

<b>Name</b>	<b>Organization</b>
Jana Bergma	Curtis-Wright / Scientech
Michael Balazik	NRC/NRR/JLD
Nicholas DiFrancesco	NRC/NRR/JLD
John Boska	NRC/NRR/JLD
Diane Jackson	NRC/NRO/DSEA
Frankie G. Vega	NRC/NRO/DSEA
Ricardo Rodriguez	NRC/NRO/DSEA
Weijun Wang	NRC/NRO/DSEA
Yong Li	NRC/NRR/DE
Ian Tseng	NRC/NRR/DE
Malcom Patterson	NRC/NRO/DE
John Richards	EPRI
Andrew Mauer	NEI
Jack Roe	Talisman

**Abbreviations:**

DE – Division of Engineering  
DSEA – Division of Site Safety and  
Environmental Analysis  
DSRA – Division of Safety Systems & Risk  
EPRI – Electric Power Research Institute

JLD – Japan Lessons-Learned Division  
NEI – Nuclear Energy Institute  
NRO – Office of New Reactors  
NRR – Office of Nuclear Reactor Regulation  
RES – Office of Nuclear Regulatory Research  
TVA – Tennessee Valley Authority

Enclosure

<b>Attendees Via Webinar or Telephone</b>			
<b>Name</b>	<b>Organization</b>	<b>Name</b>	<b>Organization</b>
Ram Srinivasan		Sunwoo Park	NRC/NRO/DE
Paul Karavoussianis		Michael Annon	
Nish Vaidya	Rizzo Associates	Jeremy Scott	URS
Charlotte Geiger	PSEG	Jeffrey Clark	Exelon
Brenda Kovarik	Sargent & Lundy	Whitney Hemingway	DTE Energy
Frank Higgins		Penny Selman	TVA
Bruce Lorenz	URS	Paul Baughman	ARES Corporation
Mutiu Ayoola	Duke Energy	David Ma	ANL
Roger Gish	TVA	Greg Hardy	
Kimberly Keithline	MPR	Winston Stewart	Duke Energy
Dale Wuokko	Toshiba	Craig Swanner	MPR
Peter Breglio	NPE Consultants	Marc Hotchkiss	Dominion
George Zinke	Entergy	Andrea Maioli	Westinghouse
Calin Eftimie		Dan Madden	Dominion
Jeff Kimball	Rizzo Associates	Glen Ohlemacher	DTE Energy
Michael Hall	DTE Energy	Jan Bostelman	
J Smith	Westinghouse Electric Company		
Nozar Jahangir	PGE		
Brian Lucarelli	Rizzo Associates		
Daniel Vasquez			
Greg DuBois	Sargent & Lundy		
Kent Davidson	URS		
Joshua Best	TVA		
Farzin Beigi	ABS Consulting		
Steve Sheahan			
Robert Keiser	Duke Energy		
D Wuokko	TANE Toshiba		