

March 04, 2013

MEMORANDUM TO: Lynn Mrowca, Chief
Probabilistic Risk Assessment and Severe Accidents Branch
Division of Safety Systems and Risk Assessment
Office of New Reactors

FROM: Suzanne Schroer, Reliability and Risk Analyst /**RA**/
Probabilistic Risk Assessment and Severe Accidents Branch
Division of Safety Systems and Risk Assessment
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETING TO DISCUSS RISK-RELATED
TOPICS FOR NEW REACTORS, HELD ON JANUARY 22, 2013

On January 22, 2013, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting at 21 Church Street, Room 06B01, to discuss risk-related topics for new reactors. The meeting was held to follow up on previous meetings held on September 18, 2012 and October 17, 2012 on similar topics and to facilitate communication between the NRC and industry on risk-informed applications for new reactors. Additionally, this meeting was held to discuss public comments on draft revision 0 of Standard Review Plan Section 19.3, which is available in the NRC Agencywide Document Access and Management System (ADAMS) (ADAMS Accession No. ML12128A405). The meeting agenda is provided as Enclosure 1. A list of attendees is provided as Enclosure 2. Handouts presented by staff are available in ADAMS (ADAMS Accession No. ML13023A167; and ML13023A194). The meeting summaries from both the September 18, 2012 and October 17, 2012 meetings are also available in ADAMS (ADAMS Accession No. ML12277A357 and ML12341A153).

A public meeting notice was issued on January 3, 2013 and was posted on the NRC's external (public) web page (ADAMS Accession No. ML12355A407). The notice included the meeting agenda. The discussions included risk-informed inservice inspection (RI-ISI); risk-informed categorization and treatment of structures, systems, and components for nuclear power plants (10 CFR 50.69); and public comments on draft revision 0 of Standard Review Plan Section 19.3.

NRC staff began the meeting by providing an overview of the agenda. The staff then provided an update on the Staff Requirements Memorandum to SECY-12-0081 (ADAMS Accession No. ML12296A158). The staff noted that the Commission approved the staff's plan to address the potential gap in the Tier 2 change process and the staff's recommendation to transition from large release frequency to large early release frequency. The staff also noted that on this topic (i.e., large release frequency), the Commission requested an information paper that reviews the history of the NRC's use and consideration of large release frequency. The staff noted that this paper is due to the Commission by March 22, 2013.

CONTACT: Suzanne Schroer, NRO/DSRA/SPRA
(301) 415-5958

The staff noted that the Commission disapproved the staff's recommendation related to the Reactor Oversight Program (ROP), and requested a notation vote paper for additional options. This paper is due to the Commission by October 22, 2013. A public meeting to discuss this topic is scheduled for February 5, 2013. Finally, the staff was requested to pursue an independent review of the ROP's objectives and implementation. An information paper is due to the Commission by April 2014.

The staff then discussed the current agency perspectives on the application of risk-informed ISI programs. The staff noted the current unacceptability of ASME Code Case N-716 and the status of its review of ASME Code Case N-716-1. The staff discussed the current schedule for reviewing both N-716 and N-716-1 for inclusion in Regulatory Guide 1.147. The staff then noted what is required by the regulations for a license amendment request, specifically that a license amendment must be submitted if there is a departure from the method of evaluation described in the plant-specific design control document used in establishing the design bases or in the safety analyses. The staff then gave a status of the current agency perspectives on use of the EPRI template (ADAMS Accession No. ML12255A354), for new reactors.

NRC staff presented the history of 10 CFR 50.69, and the rule's applicability to applicants and licensees under 10 CFR Part 52. The staff noted that an applicant for a design approval, a combined license, or manufacturing license under Part 52 may voluntarily comply with the requirements of 10 CFR 50.69. Design certification applicants and COL holders, are not included within the applicability paragraph of the rule. The staff identified that the primary focus of 10 CFR 50.69 when it was promulgated was on operating reactors that had been licensed according to the deterministic licensing process in 10 CFR 50 and that its application to new reactor licensing under 10 CFR Part 52 was of only secondary focus and minor in nature. The staff identified the concerns regarding application of 10 CFR 50.69 to new reactors that were discussed in the statements of consideration for the 50.69 rulemaking and identified these as the basis for excluding design certification applicants. Additionally, the staff clarified the applicability of COL holders to 50.69. The staff then presented the current agency activities related to 10 CFR 50.69 (i.e., it has been placed on a Part 52 lessons learned rulemaking list and is currently unbudgeted) and noted actions interested parties could take that may be considered by the staff for prioritization of rulemaking efforts.

NRC staff presented a high-level review of public comments received on draft revision 0 of Standard Review Plan Section 19.3 (ADAMS Accession No. ML12128A405). The staff then went into detail about comments that the staff does not agree with or had questions about the intent.

Enclosures: As stated

PROPOSED AGENDA

**FORTHCOMING PUBLIC MEETING TO DISCUSS
RISK-INFORMED APPLICATIONS FOR NEW REACTORS**

January 22, 2013

9:00 a.m. - 12:00 p.m.

**Location: 21 Church Street, Rockville, MD 20850
Room CSB-06B01**

PURPOSE:

To discuss the status and issues related to risk-informed applications for new reactors.

Introduction and Opening Remarks	9:00 a.m.
Risk-Informed Inservice Inspection	9:05 a.m.
Risk-Informed Safety Classification "Risk Informed Categorization and Treatment of Structures, Systems, and Components for Nuclear Power Reactors" - 10 CFR 50.69	9:35 a.m.
Future Discussions	9:50 a.m.
Public comment resolution for Standard Review Plan Section 19.3	10:00 a.m.

LIST OF ATTENDEES
MEETING REGARDING RISK-RELATED TOPICS FOR NEW REACTORS
TUESDAY, JANUARY 22, 2013

Name	Organization	E-mail
Sam Hobbs	Enercon Services	shobbs@enercon.com
Kristy Bucholtz	NRC/NRR/DSS	kristy.bucholtz@nrc.gov
Matthew Featherston	NuScale Power	mfeatherston@nuscaltower.com
Norman Simms	Duke Energy	norman.simms@duke-energy.com
Ross Moore	NRC/NRO	ross.moore@nrc.gov
Bill Galyean	NuScale Power	bgalyean@nuscaltower.com
Steven Dolley	Platts	steven_dolley@platts.com
Dave Teolis	Westinghouse	teolisds@westinghouse.com
Tom Roberts	MPR	troberts@mpr.com
Matt Humberstone	NRC/NRO/DARR	matthew.humberstone@nrc.gov
Kurt Walter	MNES	krwalter0@gmail.com
Malcolm Patterson	NRC/NRO/DSRA	malcolm.patterson@nrc.gov
Gerry Loignon	SCE&G	gloignon@scana.com
Jody Martin	NRC/OGC	jody.martin@nrc.gov
Derick Botha	NuScale Power	dbotha@nuscaltower.com
Gary Becker	NuScale Power	gbecker@nuscaltower.com
Lou Lanese	NuScale Power	llanese@nuscaltower.com
Mike Miller	NuScale Power	mmiller@nuscaltower.com
J.J. Arthur	NuScale Power	jarthur@nuscaltower.com
Mike Smith	NuScale Power	msmith@nuscaltower.com
Seung Choi	NuScale Power	schoi@nuscaltower.com
Lynn Mrowca	NRC/NRO/DSRA	lynn.mrowca@nrc.gov
Robert Martin	B&W	
Suzanne Schroer	NRC/NRO/DSRA	suzanne.schroer@gmail.com
Dave Terao	NRC/NRO/DE	david.terao@nrc.gov
Cal Reid	Bechtel	creid@bechtel.com
Biff Bradley	NEI	reb@nei.org
Chet Poslusny	B&W	cposlusny@babcock.com
Eric Williams	B&W	eswilliams@babcock.com
Eric Oesterle	NRC	eric.oesterle@nrc.gov
Amir Afzali	SNC	
Keith Hoffman	NRC	keith.hoffman@nrc.gov
Yonggang Fang	NRC	paplgly@163.com
Vic Cusumano	NRC	victor.cusumano@nrc.gov
Thomas Scarbrough	NRC/NRO/DE	thomas.scarbrough@nrc.gov
Jonathan DeGange	NRC/NRO/DARR	jonathan.degange@nrc.gov
Mike Jones	NRC/NRO/DARR	michael.jones2@nrc.gov
Y.C. (Renee) Li	NRC/NRO/DE	yueh-li.li@nrc.gov
Chang-Yang Li	NRC/NRO/DSRA	chang.li@nrc.gov
Mark Caruso	NRC/NRO/DSRA	mark.caruso@nrc.gov

Greg Cranston	NRC/NRO/DSRA	gregory.cranston@nrc.gov
Kati Austgen	NEI	kra@nei.org
Jeffery Wood	NRC/RES/DRA	jeffery.wood@nrc.gov
Yanely Malave	NRC/NRO/DARR	yanely.malave@nrc.gov
Jan Mazza	NRC/NRO/DARR	jan.mazza@nrc.gov
Michaela Ratajova	NRC/NRO	michaela.ratajova@sujb.cz
Yiu Law	NRC/NRO/DE	yiulaw@nrc.gov
Rick Anderson	Westinghouse	andersr@westinghouse.com
Robert Fosdick	CNWRA	rfosdick@swri.org
Matt Dennis	SNL	mldenni@sandia.gov
Steve Unwin	PNNL	stephen.unwin@pnnl.gov
Stu Magruder	NRC/NRO/DARR	stewart.magruder@nrc.gov
Rob Sisk	Westinghouse	siskrb@westinghouse.com
Jim Curry	NuScale Power	jcurry@nuclearscalepower.com
Jana Bergman	Scientech	jbergman@curtisswright.com
Eileen McKenna	NRC/NRO/DSRA	eileen.mckenna@nrc.gov
Larry Wheeler	NRC/NRO/DSRA	larry.wheeler@nrc.gov
David Kanuch	B&W	djkanuch@babcock.com
Kerri Madden	B&W	kmadden@babcock.com
David Holt	Bechtel	dcholt@babcock.com
Tony Nakanishi	NRC/NRO/DSRA	tony.nakanishi@nrc.gov
Ayo Ayegbusi	NRC/NRO/DSRA	odunayo.ayegbusi@nrc.gov

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OFFICE:	NRO/DSRA/SPRA
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