

March 11, 2016

MEMORANDUM TO: Sunil Weerakkody, Chief
PRA Operations and Human Factors Branch
Division of Risk Assessment
Office of Nuclear Reactor Regulation

FROM: Matthew Humberstone, Reliability and Risk Analyst */RA/*
PRA Operations and Human Factors Branch
Division of Risk Assessment
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MARCH 1, 2016, PUBLIC MEETING BETWEEN
U.S. NUCLEAR REGULATORY COMMISSION STAFF AND
INDUSTRY STAKEHOLDERS TO PROVIDE UPDATES ON
SPECIFIC RISK-INFORMED ACTIVITIES AND SIGNIFICANCE
DETERMINATION PROCESS GUIDANCE DOCUMENTS

On March 1, 2016, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and industry stakeholders, at Two White Flint North, Room 02B03. The purpose of the meeting was to update interested industry stakeholders on specific Risk-Informed activities and Significance Determination Process (SDP) guidance documents.

The NRC staff emphasized that individual staff views expressed at the meeting do not constitute formal NRC positions or comments and that no decisions would be made at the meeting.

The NRC began the public meeting with opening remarks from the Branch Chief of the PRA Operations and Human Factors Branch from the Office of Nuclear Reactor Regulation (NRR), who provided an overview of the topics that would be discussed. The emphasis of the meeting was on the updates to SDP guidance documents to resolve the concern of using the Conditional Core Damage Probability (CCDP) metric for assessing the significance of performance deficiencies causing Initiating Events (IEs).

The NRC followed the opening remarks with three presentations on current risk-informed activities: (1) RASP Handbook Guidance on SDP Assessment of Flood Issues, (2) Crediting Mitigating Strategies in Risk-Informed Decision Making, and (3) Update of RASP Handbook Guidance on SDP Assessment of Seismic Issues. These presentations were followed by the presentation on the main topic: "Revision to Guidance Documents for Initiating Events Analyses", (Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML16060A182 and ML16061A132). This presentation focused on the NRC's

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(301) 415-1464

approach for using the incremental CCDP method to assess significance of performance deficiencies causing IE occurrences. The discussions also addressed the numerous interactions with industry on this topic, and the concerns that have been communicated on this issue. The NRC staff expressed that the ICCDP method has been the prevailing approach in SDP assessments for degraded conditions in the reactor safety cornerstones, e.g. Mitigating Systems and explained how the staff considered a number of key comments provided by the industry with updating Section 8 of the Inspection Manual Chapter 308 and Section 8 of Vol. 1 of RASP Handbook.

Throughout the meeting, there were discussions between NRC staff and industry stakeholders on the disagreement on using this approach. The NRC staff stressed that staff has expended significant resources to carefully consider industry comments and therefore, does not see the benefit in expending additional staff resources. NRC staff, however, informed the industry that they could use existing feedback mechanisms to communicate additional concerns that industry may have. NRC staff also stated that staff does not plan to expend additional resources on this issue without consulting with NRC's Risk Informed Steering Committee (RISC).

A list of meeting attendees is enclosed.

Please direct any inquiries to Matthew Humberstone, Reliability and Risk Analyst, at (301) 415-1464, or Matthew.Humberstone@nrc.gov.

Enclosure:
List of Attendees

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Enclosure:
List of Attendees

DISTRIBUTION:
PUBLIC
RidsNrrDra
MHumberstone

External distribution:
Dave Lochbaum - dlochbaum@ucsusa.org

Meeting Notice: ML16055A135
ML16061A132

Meeting Slides: ML16060A182,

ADAMS Accession No: ML16070A345

OFFICE	NRR/DRA	NRR//DRA*		
NAME	MHumberstone	SWeerakkody		
DATE	03/11/16	03/11/16		

OFFICIAL RECORD COPY

ATTENDANCE LIST

**PUBLIC MEETING BETWEEN STAKEHOLDERS AND THE U.S. NUCLEAR REGULATORY
COMMISSION STAFF TO PROVIDE UPDATES ON SPECIFIC RISK-INFORMED ACTIVITIES
AND SIGNIFICANCE DETERMINATION PROCESS GUIDANCE DOCUMENTS
(CATEGORY 2)**

**MARCH 01, 2016
1:00 p.m. - 4:30 p.m.
TWO WHITE FLINT NORTH, ROOM 02B03**

NAME	ORGANIZATION
Alex Schwab	NRC/NRR/DPR
Brad Dolan	TVA
Candace Spore	NRC/NRR/DRA
Ching Ng	NRC/NRR/DRA
Dale Wuokko	Toshiba
James Pak	Dominion
James Slider	NEI
Jeff Mitman	NRC/NRR/DRA
Jerrod Demers	NRR/DRA
Joshua Reinert	Areva
Laura Kozak	NRC/RIII
Lauren Ning	NRC/RES/DRA/PRAB
Matthew Humberstone	NRC/NRR/DRA
Michael Montecalvo	NRC/NRR/DRA
Michael Tschiltz	NEI
Paul Sicard	Entergy
Robert Krsek	NRC/COM/JMB
Roy Linthicum	Exelon/PWROG
See Meng Wong	NRC/NRR/DRA
Stephen Vaughn	NRC
Sunil Weerakkody	NRC/NRR/DRA
Thomas Zachariah	NEI

Enclosure