

May 15, 2015

MEMORANDUM TO: Anthony J. Mendiola, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Jonathan G. Rowley, Project Manager /RA/
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH THE PRESSURIZED WATER
REACTOR OWNERS GROUP REGARDING TOPICAL REPORT
PWROG-14001-P/NP, REVISION 1, "PRA [PROBABILISTIC RISK
ASSESSMENT] MODEL FOR THE GENERATION III
WESTINGHOUSE SHUTDOWN SEAL"

DATE & TIME: Thursday, May 28, 2015
1:00 p.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)
One White Flint North, Room O-9B4
11555 Rockville Pike
Rockville, MD 20852-2738

PURPOSE: The purpose of the meeting is for the NRC staff to seek additional
clarification on responses to requests for additional information (RAIs)
for the NRC staff review of Topical Report PWROG-14001-P/NP,
Revision 1, provided by the Pressurized Water Reactor Owners
Group (PWROG).

The RAIs were issued to the PWROG by letter dated
February 2, 2015 (Agencywide Documents Access and Management
System (ADAMS) Accession No. ML14363A506). The PWROG
responded by letter dated March 3, 2015 (ADAMS Accession No.
ML15068A014).

CATEGORY 2*: This is a Category 2 Meeting. The public is invited to participate in
this meeting by discussing regulatory issues with the NRC at
designated points identified on the agenda.

MEETING CONTACTS: Jonathan Rowley Lynnea Wilkins
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Jonathan.Rowley@nrc.gov Lynnea.Wilkins@nrc.gov

* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
(67 FR 36920), May 28, 2002

NOTE: Inform the NRC's meeting contact of your intention to attend by May 22, 2015. If you need a reasonable accommodation to participate in this meeting (e.g., a translator, handicapped accessibility) or need this meeting notice or other information from the meeting in another format (e.g., Braille, large print, a language other than English), please notify the NRC's meeting contact. Determinations on requests for reasonable accommodations will be made on a case-by-case basis. Because meetings are sometimes canceled or rescheduled as a result of unforeseen circumstances such as severe weather, confirm the meeting schedule with the meeting contact.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation.

NRC

David Alley	Sunil Weerakkody
Jeff Circle	Joseph Giitter
Jonathan Rowley	Douglas Copeland
Ching Ng	Robert Wolfgang, et al.

PWROG

Andrew Mann	Roy Linthicum
Jack Stringfellow	Thomas Zachariah, et al.

Project No. 694

Enclosures:

1. Agenda
2. Areas of RAI Response Clarification

NOTE: Inform the NRC's meeting contact of your intention to attend by May 18, 2015. If you need a reasonable accommodation to participate in this meeting (e.g., a translator, handicapped accessibility) or need this meeting notice or other information from the meeting in another format (e.g., Braille, large print, a language other than English), please notify the NRC's meeting contact. Determinations on requests for reasonable accommodations will be made on a case-by-case basis. Because meetings are sometimes canceled or rescheduled as a result of unforeseen circumstances such as severe weather, confirm the meeting schedule with the meeting contact.

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1. Agenda
2. Areas of RAI Response Clarification

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NRC-001

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DATE	05/14/2015	05/14/2015	05/14/2015	05/15/2015	05/15/2015

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AGENDA

UNITED STATES NUCLEAR REGULATORY COMMISSION (NRC) MEETING WITH THE PRESSURIZED WATER REACTOR OWNERS GROUP (PWROG) REGARDING TOPICAL REPORT (TR) PWROG-14001-P/NP, REVISION 1, REQUEST FOR ADDITIONAL INFORMATION (RAI) RESPONSES

May 28, 2015

<u>Time</u>	<u>Topics</u>
1:00 p.m. – 1:10 p.m.	Introductions and Opening Remarks
1:10 p.m. – 2:30 p.m.	Clarification of Responses to TR PWROG-14001 RAIs
2:30 p.m. – 2:45 p.m.	Break
2:45 p.m. – 3:45 p.m.	Clarification of Responses to TR PWROG-14001 RAIs (continued)
3:45 p.m. – 3:55 p.m.	Open Discussion and Summary
3:55 p.m. – 4:00 p.m.	Opportunity for Public Comment
4:00 p.m.	Adjourn

AREAS OF RAI RESPONSE CLARIFICATION

The NRC staff will seek clarification and plans to hold discussion in the following areas related to the PWROG responses to the RAIs for the review of TR PWROG-14001-P/NP, Revision 1:

- Epistemic uncertainties associated with probabilities proposed in the TR in light of previous experience with Generation I and II Westinghouse Shutdown Seal (SDS). To that extent, the NRC staff wishes to discuss:
 - Engineering bases for eliminating previous issues encountered from the Generation I and II Westinghouse SDS in computing failure probabilities for the Generation III Westinghouse SDS (reference RAI APHB-8).
 - Assumptions and conditions applicable to the bench tests of the Generation III Westinghouse SDS assembly (reference RAI APHB-3).
 - Statistical bases for completely eliminating Generation I and II Westinghouse SDS data from the estimated failure probability of Generation III Westinghouse SDS and how that bases comports with High Level Requirements for Data Analysis of American Society of Mechanical Engineers/American Nuclear Society Standard RA-Sa-2009, endorsed by Regulatory Guide 1.200, Revision 2 (reference RAI APHB-4, APHB-5, and APHB-10).
- The PWROG views with respect to additional aspects of Integrated Risk-Informed Decision Making (RIDM) applicable to this licensing action. Specifically, the NRC staff is interested in discussing the “Performance Monitoring” aspect of RIDM as it applies to the TR.