

June 6, 2014

MEMORANDUM TO: Tara Inverso, Chief
Rulemaking Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Glenna K. Lappert, Regulations Specialist **/RA/**
Rulemaking Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: NOTICE OF FORTHCOMING CATEGORY 3 PUBLIC MEETING ON
THE PERFORMANCE-BASED EMERGENCY CORE COOLING
SYSTEMS CLADDING ACCEPTANCE CRITERIA (TITLE 10 OF THE
CODE OF FEDERAL REGULATIONS SECTION 50.46c) PROPOSED
RULE AND ASSOCIATED DRAFT REGULATORY GUIDANCE

DATE & TIME: Tuesday June 24, 2014 through Thursday June 26, 2014
8:30 a.m. – 5:00 p.m. (Day 1)
8:30 a.m. – 5:00 p.m. (Day 2)
8:30 a.m. – 12:00 p.m. (Day 3)
Eastern Standard Time

LOCATION: U.S. Nuclear Regulatory Commission (NRC)
Two White Flint North Room 2B1
11545 Rockville Pike
Rockville, MD 20852-2738

PURPOSE: The purpose of this meeting is to discuss several items related to the
Title 10 of the *Code of Federal Regulations* Section 50.46c proposed
rule (Agencywide Documents Access and Management System
(ADAMS) Accession No. ML12283A174) and the associated draft
regulatory guides (DGs):

- DG-1261, “Conducting Periodic Testing for Breakaway
Oxidation Behavior” (ADAMS Accession No. ML12284A324)
- DG-1262, “Testing for Post-Quench Ductility” (ADAMS
Accession No. ML12284A325)
- DG-1263, “Establishing Analytical Limits for Zirconium-Based
Alloy Cladding” (ADAMS Accession No. ML12284A323)

MEETING CONTACT: Glenna K. Lappert, NRR/DPR
301-415-2552
Glenna.Lappert@nrc.gov

This meeting is follow-on to a Category 3 public meeting on the same subject conducted on April 29 – 30, 2014. The summary of that meeting is available at ADAMS Accession No. ML14128A076. During that meeting, the attendees identified the need for future discussions on the topics noted in the meeting agenda. These additional discussions will enhance public understanding of the proposed rule and will enable the public to ask whether and how the NRC considered specific information, considerations, or issues of interest to the public. The NRC is NOT taking written public comments at this meeting. All comments must be submitted in writing in accordance with the instructions listed in the Federal Register notice (79 FR 16106; March 24, 2014).

Please Note: Members of the public are invited to make a presentation on any topics that are relevant to the proposed rule and associated draft regulatory guides. If you wish to make a presentation, please advise the meeting contact of the general topics or issues you wish to address by June 18, 2014. Please also submit any presentation materials to the meeting contact by June 20, 2014, so that the NRC can make them available to the meeting attendees in advance of the meeting.

CATEGORY 3:

This is a Category 3 Public Meeting: Public participation is actively sought for this meeting to fully engage the public in a discussion of regulatory issues. No classified, proprietary, or protected information will be discussed.

The NRC's Policy Statement, "Enhancing Public Participation in NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC Web site, www.nrc.gov, and contains information regarding visitors and security.

Pre-registration:

Seating may be limited and will be available on a first-come basis. Inform the NRC's meeting contact of your intention to attend by June 18, 2014. This step will ensure that sufficient copies of meeting materials are available.

If you need a reasonable accommodation to participate in this meeting (e.g., a translator, handicapped accessibility) or need this meeting notice, the transcript, 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 listed on this meeting notice or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact, Glenna K. Lappert. Determinations on requests for reasonable accommodations will be made on a case-by-case basis.

Teleconferencing:

Interested members of the public unable to attend the meeting may participate by telephone via a toll-free teleconference. For additional

details, please call the NRC meeting contact listed on this meeting notice or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact, Glenna K. Lappert. Those interested in participating in this meeting by teleconference should call or e-mail the meeting contact as soon as possible, but no later than June 18, 2014.

Web conferencing:

Interested members of the public who are unable to attend the meeting may participate remotely on the internet and via a toll-free audio teleconference bridge-line. For additional details, please call the NRC meeting contact listed on this meeting notice or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact, Glenna K. Lappert. Those interested in participating in this meeting by Web conference should call or e-mail the meeting contact as soon as possible, but no later than June 18, 2014.

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:

NRC staff, interested stakeholders, and members of the public. Participants from the NRC include members of the NRC's 50.46c Working Group. Other participants will likely include the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), other industry representatives, and members of the public.

NRC
50.46c Working Group

External
NEI
EPRI
Mr. Mark Leyse
Members of the Public

Enclosure:
Meeting Agenda

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NRC
50.46c Working Group

External
NEI
EPRI
Mr. Mark Leyse
Members of the Public

Enclosure:
Meeting Agenda
DISTRIBUTION:

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TInverso, NRR
MMahoney, NRR
GLappert, NRR

TBoyce, RES
ABone, NRR

ADAMS Accession No: ML14156A098

* Via E-mail

NRC-001

OFFICE	NRR/DPR/PRMB/RS	RES/RGDB/BC*	NRR/DPR/PRMB/BC	NRR/DPR/PRMB/RS
NAME	GLappert	TBoyce	TInverso	GLappert
DATE	6/5/2014	6/5/2014	6/5/2014	6/6/2014

OFFICIAL RECORD COPY

Public Meeting Agenda

(Day 1 of 3)

10 CFR 50.46c Proposed Rule and Associated Draft Regulatory Guides

June 24, 2014; 8:30 am – 5:00 pm

Opening Remarks	15 min (8:30 am – 8:45 am)
Risk-Informed Overview	60 min (8:45 am – 9:45 am)
Time Frames	
Existing GSI-191 trajectory	
Break	15 min (09:45 am – 10:00 am)
Technical Recommendations - 1	120 min (10:00 am – 12:00 pm)
Post Quench Ductility	
Breakaway Oxidation	
New Alloy Issues	
Modeling Issues (non-proprietary)	
Missing Guidance	
Appendix K	
Lunch	60 min (12:00 pm – 1:00 pm)
Technical Recommendations – 2	90 min (1:00 pm – 2:30 pm)
Reporting / Change-management	
Fuel / Risk-Informed decision making	
Break	15 min (2:30 pm – 2:45 pm)
Presentation on 50.46c	60 min (2:45 pm – 3:45 pm)
Mr. Mark Leyse	
Public Presentation(s)	45 min (3:45 pm – 4:30 pm)
Closing Remarks / Next Steps	30 min (4:30 pm – 5:00 pm)

Note: Provided times are estimated and for planning purposes only. Adjustments may be made during the meeting as necessary.

Public Meeting Agenda

(Day 2 of 3)

10 CFR 50.46c Proposed Rule and Associated Draft Regulatory Guides

June 25, 2014; 8:30 am – 5:00 pm

Opening Remarks	15 min (8:30 am – 8:45 am)
Long Term Cooling - 1 Current processes Implications of proposed Rule	60 min (8:45 am – 9:45 am)
Break	15 min (9:45 am – 10:00 am)
Long Term Cooling - 2 Resolutions	75 min (10:00 am – 11:15 am)
Implementation - 1 Other implementations	45 min (11:15 am – 12:00 pm)
Lunch	60 min (12:00 pm – 1:00 pm)
Implementation - 1 (cont) Implications of proposed Rule	60 min (1:00 pm – 2:00 pm)
Implementation - 2 Implementation proposals	60 min (2:00 pm – 3:00 pm)
Break	15 min (3:00 pm – 3:15 pm)
Implementation – 2 (cont) Implementation proposals	30 min (3:15 pm – 3:45 pm)
Public Presentation(s)	45 min (3:45 pm – 4:30 pm)
Closing Remarks / Next Steps	30 min (4:30 pm – 5:00 pm)

Note: Provided times are estimated and for planning purposes only. Adjustments may be made during the meeting as necessary.

Public Meeting Agenda

(Day 3 of 3)

10 CFR 50.46c Proposed Rule and Associated Draft Regulatory Guides

June 26, 2014; 8:30 am – 12:00 pm

Opening Remarks	15 min (8:30 am – 8:45 am)
Implementation - 3 Tabletop exercise	60 min (8:45 am – 9:45 am)
Implementation - 4 Tabletop exercise (continued)	30 min (9:45 am – 10:15 am)
Break	15 min (10:15 am – 10:30 am)
Public Presentation(s)	60 min (10:30 am – 11:30 am)
Closing Remarks / Next Steps	30 min (11:30 am – 12:00 pm)

Note: Provided times are estimated and for planning purposes only. Adjustments may be made during the meeting as necessary.