

May 23, 2013

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

FROM: Sheldon D. Stuchell, Senior Project Manager */RA Joseph Holonich for/*
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING ANNUAL INDUSTRY/U.S. NUCLEAR REGULATORY
COMMISSION (NRC) MATERIALS PROGRAMS TECHNICAL
INFORMATION EXCHANGE MEETING

DATES & TIME: Wednesday, June 5, 2013
8:00 a.m. - 5:00 p.m.

Thursday, June 6, 2013
8:00 a.m. - 5:00 p.m.

Friday, June 7, 2013
8:00 a.m. - 1:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint, First Floor
Commissioners Hearing Room
11555 Rockville Pike
Rockville, MD 20852

PURPOSE: To discuss both pressurized water reactor (PWR) and boiling water
reactor (BWR) technical issues under the industry's Materials Initiative
with the Electric Power Research Institute (EPRI) Materials Reliability
Program (MRP), EPRI BWR Vessels and Internals Project, EPRI
Nondestructive Examination (NDE) Center, EPRI Welding Research
Center, EPRI Primary System Corrosion Committee, and the PWR
Owners Group (PWROG) Materials Subcommittee.

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. There will be no licensee-specific
discussions of regulatory issues.

MEETING CONTACTS: Sheldon Stuchell, NRR Robert Hardies, NRR
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sheldon.stuchell@nrc.gov robert.hardies@nrc.gov

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

NOTE: The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting or need a meeting notice, the transcript, or other information from a meeting in another format (e.g., Braille, large print) please notify the NRC's meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR) and the Office of Nuclear Regulatory Research (RES).

NRC

David Alley (NRR)
Bennett Brady (NRR)
Al Csontos (RES)
Mirela Gavrilas (RES)
Robert Hardies (NRR)
Allen Hiser (NRR)
Amy Hull (RES)
Dennis Morey (NRR)
Jeffrey Poehler (NRR)
Pat Purtscher (NRR)
Jonathan Rowley (NRR)
David Rudland (RES)
Sheldon Stuchell (NRR),
et al.

INDUSTRY

Al Ahluwalia (EPRI)
Kyle Amberge (EPRI)
Cheryl Boggess (Westinghouse)
Sarah Davidsaver (AREVA)
Anne Demma (EPRI)
Matt Devan (AREVA)
Robin Dyle (EPRI)
Steve Fyfitch (AREVA)
Glenn Gardner (Dominion Nuclear) **
Tim Hardin (EPRI)
Craig Harrington (EPRI)
Ryan Hosler (AREVA)
Jack Lareau (Westinghouse)
Randy Lott (Westinghouse)
Jim Molkenstein (PWROG)
Tammy Natour (AREVA)
Dan Nowakowski (Florida Power & Light)
Bernie Rudell (Constellation)
William Sims (Entergy)
Tim Wells (Southern Nuclear)
Chuck Wirtz (FENOC, Perry Plant), et al.

** = attend by phone

Project Nos. 669, 689, 691, 694, 704

Enclosure:
Agenda

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**Enclosure:
 Agenda**

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DATE	05/22/2013	05/22/2013	05/23/2013	05/23/2013

**AGENDA
PUBLIC MEETING TO EXCHANGE AND DISCUSS TECHNICAL INFORMATION
CONCERNING OPERATING REACTOR MATERIALS PROGRAMS**

June 5-7, 2013

Location:

U.S. Nuclear Regulatory Commission (NRC)
One White Flint North, Commissioner's Hearing Room
11555 Rockville Pike
Rockville, Maryland 20852-2738

Purpose of Meeting:

The purpose of this meeting is to have technical discussions related to both pressurized water reactor (PWR) and boiling water reactor (BWR) materials programs and issues.

Wednesday, June 5 - Day 1		
8:30-8:40	Introduction	NRC
8:40-9:10	MRP update	Industry - MRP
9:10-9:40	BWRVIP update	Industry- BWRVIP
9:40-10:10	NDE update	Industry - NDE
10:10-10:25	BREAK	
10:25-10:45	PWROG updates	Industry - PWROG MSC
10:45-11:15	Corrosion Research update	Industry - PSCR
11:15-12:00	Welding update (overview, code cases, and Alloy 52)	Industry - WRTC
12:00-1:00	LUNCH	
1:00-2:00	NIFG (NDE Improvement Focus Group) wrap up	Industry - NDE
2:00-2:20	Team Scanning	NRC
2:20-2:40	Operating experience - missed NDE	NRC
2:40-3:00	Ultrasonic testing (UT) in lieu of radiographic testing (RT)	NRC
3:00-3:15	BREAK	
3:15-4:00	Irradiation effects on internals	MRP/PSCR/BWRVIP
4:00-5:00	MRP 227 and CASS	NRC, Industry will discuss Rev 1
5:00-5:15	ISG for license renewal	NRC
5:15	Public comment and summary	

ENCLOSURE

Thursday, June 6 - Day 2		
8:30 - 8:40	Introduction	NRC
8:40 - 9:30	Alloy 690 research	Industry & NRC
9:30 - 9:45	Stress corrosion cracking (SCC) of stainless steel - where next?	NRC
9:45 - 10:15	PWROG SCC inspection guideline status	PWROG/MRP
10:15-10:30	BREAK	
10:30-10:50	Non-standard Alloy 600 locations	MRP
10:50-11:20	Weld residual stress status report	NRC
11:20-12:00	Extremely low probability of rupture (XLPR) status report	NRC
12:00-1:00	LUNCH BREAK	
1:00-1:40	Mitigation – peening	MRP
1:40-2:00	Mitigation - excavate and weld repair	WRTC
2:00-2:25	NRC status on PTS, Appendix G, RG 1.99, etc.	NRC
2:25-3:15	Quasi-laminar indication update, Appendix G, PSSP and specimen test	MRP
3:15-3:30	BREAK	
3:30-3:50	BMN volumetric inspections	NRC
3:50-4:40	Industry Environmental Fatigue Plans	MRP
4:40-5:00	Update on X-750 and XM-19	BWRVIP
5:00	Public comment and summary	

Friday, June 7 - Day 3		
8:30-8:40	Introduction	NRC
8:40-9:15	Control of weld residual stress during fabrication of new components	NRC
9:15-9:45	NRC rulemaking update	NRC
9:45-10:00	Effects of sequestration	NRC
10:00-10:15	BREAK	
10:15-11:00	NRC position on ASME Code issues	NRC
11:00-11:45	Operating experience report	All Discussion
11:45-12:00	Public comment	NRC
12:00-12:15	Summary discussion	All
12:15	Adjourn	
12:15-2:00	Reserved extra time	