July 5, 2011

MEMORANDUM TO: John R. Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Andrew L. Hon, Project Manager ***/RA/***
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 8-10, 2011, ANNUAL INDUSTRY/U.S. NUCLEAR REGULATORY COMMISSION MATERIALS PROGRAMS TECHNICAL INFORMATION EXCHANGE MEETING

On June 8-10, 2011, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives from industry at the Hilton Hotel, 1750 Rockville Pike, Rockville, Maryland, 20852. The purpose of the annual meeting is to discuss material program activities between the NRC and the industry. The industry represented included the Electric Power Research Institute's (EPRI's) Materials Reliability Program (MRP), Non-destructive Evaluation Program, Boiling Water Reactor (BWR) Vessel Internals Program (BWRVIP), Primary System Corrosion Research Program, Welding Repairs & Technology Center (WRTC), and the Materials Subcommittee of the Pressurized Water Reactor (PWR) Owners Group (PWROG MSC).

The NRC staff and industry representatives discussed progress in materials programs designed to provide information related to stress corrosion cracking, non-destructive examination, reactor vessel surveillance, dissimilar metal welds, guide card wear, and jet pump testing, among other topics. Presentations are available electronically in the NRC's Agencywide Documents Access and Management System (ADAMS) under accession number ML111661777. The meeting notice and agenda are also available in ADAMS under accession number ML111460037. The following actions items were noted:

- NRC and industry technical staff will conduct quarterly planning conference calls in support of the 2012 technical information exchange meeting.

- The BWRVIP performs self-assessment every two years. It will consider providing the self-assessment for information to the NRC staff.

- During quarterly calls the NRC staff and industry will consider adding environmentally assisted fatigue discussions to the agenda for 2012.

- The industry will initiate a teleconference or public meeting to discuss plans related to coordinating surveillance programs to acquire high fluence data, and to discuss reactor vessel integrity issues.

- Industry will provide information to the NRC staff that describes the peening processes and the potential benefits of peening to prevent stress corrosion cracking. The information would address previous experience with peening of steam generator tubes.

- The NRC staff and industry will consider holding the 2012 meeting in conjunction with ERPI sponsored symposia being held next summer at the National Harbor Center in Prince Georges County, Maryland.

- The BWRVIP will consider providing information describing the BWRVIA code for calculating dissolved oxygen content distribution in reactor vessels.

- EPRI will be developing a PWR inspection technology training course similar to its BWR vessel inspection training course. EPRI will determine whether the NRC staff would be able to attend some of the training courses.

- The PWROG MSC will provide a list of archival materials to the NRC staff for information.

- The PWROG MSC will contact the NRC Office of Research (RES) staff to discuss the RES staff's letter requesting reactor vessel inservice inspection data from past inspections.

- The NRC staff will consider changing the date of the tentatively scheduled meeting on American Society of Mechanical Engineers Code Case N-770 to avoid a meeting conflict on that date.

The attendance list is enclosed. Members of the public were not in attendance.

Please direct any inquiries to Robert Hardies at 301-415-5802 or Robert.Hardies@nrc.gov.

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

Enclosure:
List of Attendees

cc w/encl: See next pages

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2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List

ENCLOSURE

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 8, 2011

Name	Organization
Chris Kiefer	PWROG/Ameren MO
Alvin S. Reed	Constellation Energy
Randy Loft	Westinghouse
Richard Gimple	Wolf Creek Nuclear
Rachel Vanihen	US NRC
Robert Carter	EPRI
Andrew Johnson	NRC
Matthew Kerr	NRC
Jay Collins	NRC
Iouri Prokofiev	NRC

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 8, 2011

Name	Organization
BERNIE RUDELL	CENG
Mathew Mitchell	NRR/DCI/CVIB
CHUCK WIRTZ	FirstEnergy/BWRVIP
Bob DAVIS	NRC/NRO/CIB2
Ken Karwoski	NRC/NRR/DCI
TOM Bilik	NRC/RIII/DRS
Beth Haluska	DOMINION GENERATION
PAUL CROOKER	EPRI
Jeff Poehler	NRC/NRR/DCI

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 8, 2011

Name	Organization
Gary L. Stevens	NRC
Michael Benson	NRC/RES/DE/CEB
Randal Schmidt	PSEG Nuclear
Mark Yoo	NRC
Chris Cruz	Duke Energy
Randy Stark	EPRI
Matt O'Connor	EPRI
Katsumi Osumi	Hitachi-GE
Tiangan Lian	EPRI
Bob Hardies	NRC
Darrell Dunn	NRC

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 8, 2011

Name	Organization	
Dan Patten	FENOC WRTC Chairman	(
Tim Griesbach	SIA	(
David L. Anthony	Exelon	6
Mark Huting	Xcel	(
LARRY STEINERT	EPRI	6
STEVE MCCRACKEN	EPRI	7
Jim Cirilli	Exelon	6
JOHN TSAO	NRC	3

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 8, 2011

Jim Riley	NEI
Anne Demma	EPRI
Robin Dyle	EPRI
CARL LATIOLAIS	EPRI
MIKE MCDEVITT	So Cal Edison
HONGQING XU	AREVA
Tim Lupold	NRC
Stephen Cumblidge	NRC
Rob Tregoning	NRC
DAVID ALLEY	NRC
Mark Richter	CENG
Edmund Sullivan	PNNL
Carol Nove	NRC
JAY WALLACE	NRC
Dave Rudland	NRC
Ali Rezai	NRC
GREG SELBY	EPRI
Jim Molkenthin	PWROG
Tim Wells	SNC

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 9, 2011

2011 NRC-Industry Material Program Technical Information Exchang			
	Name	Company	
	Jim Riley	NEI	
	Jeff Poehlin	NRC/NRR/DCI	
	Rich Smith	Areva	
	DAVE WASKEY	AREVA	
	Jim Cirillo	EXELON	
	Tim Wells	SNC	
	Anne Demma	EPRI	
	Robin Dyle	EPRI	
	Matt O'Connor	EPRI	
	Allen Hiser	NRC/NRR/DLR	
	Ken Karwoski	NRC/NRR/DCI	
	Stacey Sakai		
	Bob Gramm		
	Al Santos		
	Jonathin Rowley		
	William Simms		

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 9, 2011

2011 NRC-Industry Material Program Technical Information Exchang		
	Name	Company
	Chris Kiefer	Ameren Missouri
	Dave Rudland	NRC
	Mark Richter	Constellation Energy Nuclear
	Alvin S. Lee	Constellation Energy
	Richard E. Simple	Wolf Creek Nuclear
	Stephen Cumblidge	NRC
	JAY WALLACE	NRC
	Rachel Vaughn	NRC
	Beth Haluska	DOMINION GENERATION
	Randal Schmidt	PSEG Nuclear
	Tim Griesbach	Structural Integrity
	Chris Cruz	Duke Energy
	Randy Stark	EPRI
	ROBERT CARTER	EPRI
	TIM HARDIN	EPRI
	Drew Odell	Exelon
	STEVE MCCRACKEN	EPRI
	PAUL CROOKER	EPRI
	LARRY STEINERT	EPRI
	Andrew Johnson	NRC
	JOHN TSAO	NRC
	Andy Hon	NRC
	Wallace Norris	NRC
	Carl Novak	NRC

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 9, 2011

2011 NRC-Industry Material Program Technical Information Exchang			
	Name	Company	F
	Bernie Rudell	CENG	
	Sandra Lindo-Talin	NRC/RES/DE	
	Charles J. Wirtz	First Energy	
	DAN PAPPONE	GE HITACHI	
	Russ Teeter	GE Hitachi	
	Jonathan Rowley	NRC/NRR/PLPB	
	Joel Jenkins	NRC/NRO/DE	

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 9, 2011

2011 NRC-Industry Material Program Technical Information Exchang			
	Name	Company	
	Bob Hardies	NRC/DRR/DCI	
	DAMON ALLEN	NRC/NRR/DCI	
	Tim Lupold	NRC/NRR/DCI/CMVB	
	MIKE MCDEVITT	St Cal Edison SONGS	
	CARL LATIOLAIS	EPRI	
	DENNIS WEAKLAND	IRONWOOD CONSULTING	
	GANESH CHERUVENKI	NRR/NRC	
	~~Seung~~ SEUNG MIN	NRR/DLR	
	William Sims	Entergy	

2011 Annual Industry/U.S. Nuclear Regulatory Commission Materials Programs Technical Information Exchange Meeting Attendees List, June 10, 2011

NAME	ORGANIZATION
Jonathan Rowley	NRC
Bob Hardies	NRC
Robin Dyle	EPRI
Anne Demma	EPRI
Tim Wells	SNC
William Sims	Entergy
Ken Karwoski	NRC
Matthew L. Mitchell	NRR/DCI/CVIB
Tom Bilik	NRC/RII/DRS
Tim Hardin	EPRI
DAVID HILLEY	NRC
Tim Lupold	NRC
Alvin Reed	Constellation Energy
Richard Gimple	Wolf Creek Nuclear
Beth Haluska	DOMINION GENERATION
Chris Cruz	Duke Energy
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Joel Jenkins	NRO/NRO/DE

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

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cc w/encl: See next pages

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