



EPRI

ELECTRIC POWER
RESEARCH INSTITUTE

2011 ISOE North American ALARA Symposium & EPRI Radiation Protection Conference

Agenda and Presentations

**Hyatt Regency Bonaventure - Weston,
Florida**

January 10 - 12, 2011

Monday, January 10, 2011

Plenary Session: Nuclear Power's Mandate for Safe, Efficient and ALARA Operating Philosophy		
Session Chair: Dr. John Palms, Distinguished President Emeritus, <i>University of South Carolina</i> Exelon Board Member		
8:00 AM	Welcome	Wataru Mizumachi, <i>ISOE Bureau & Phung Tran, EPRI</i>
8:15 AM	Alpha Internal Dosimetry Experience at North American Nuclear Facilities	Dr. Richard Toohey, <i>Oak Ridge Associated Universities</i>
9:00 AM	2010 ISOE World Class ALARA Performance Award: Dresden	Presented to: Shane Marik, Plant Manager and Harry Bush, RPM
10:00 AM	Coffee Break	
10:30 AM	INPO CANDU, BWR & PWR 2010 Dose Goals Results and 2015 Dose Goals	Cindy Connelly, <i>INPO</i>
11:00 AM	NEI RP Program Highlights for 2011	Ellen Anderson, <i>NEI</i>
11:30 AM	EPRI Radiation Management Program Overview	Phung Tran, <i>EPRI</i>
12:00 PM	Lunch	

Monday, January 10, 2011 Cont'd

Session II: ALARA Highlights from Canada

Session Chairs: Lisa Edwards, *EPRI* and Maureen McQueen, *Bruce Power*

1:00 PM	Bruce A, Units 3 & 4, Internal Dose Reduction Initiatives	Mike Murray , <i>Bruce Power</i>
1:30 PM	Pickering A Boiler 6 Hot Successful Hot Spots Particle Removal Planning & Execution	Chris Glover , Pickering A, <i>OPG</i> , <i>Canada</i>
2:00 PM	Bruce A, Units 1 & 2 Restart RP Issues After Refurbishment	Robert Hite , <i>Bruce Power</i>
2:30 PM	Coffee Break	

Monday, January 10, 2011 Cont'd

Session III: Potential Impacts on ALARA Programs from ICRP		
Session Chairs: Wataru Mizumachi, <i>ISOE Bureau - Tokyo</i> and Phung Tran, <i>EPRI</i>		
3:00 PM	Update on NRC Consideration of ICRP 103 Recommendations	Donald Cool, <i>USNRC</i>
3:30 PM	Justification, Optimization and Dose Limits: The Recent Evolution of National Regulations in the European Countries	Caroline Schieber, <i>European ISOE Technical Center</i>
4:00 PM	EPRI Assessment of Potential Worker Dose Impacts from More Restrictive Dose Limits	Paul Saunders, <i>Suncoast Solutions & Phung Tran, EPRI</i>
4:30 PM	OECD NEA Expert Group Reports on ALARA Considerations of New Builds and RP Management Considerations of ICRP 103 Recommendations: Dose Constraints	Rick Doty, <i>University of Illinois and Willie Harris, Exelon</i>
5:30 PM	Vendor Reception	

Tuesday, January 11, 2011

Session IV: Global ALARA Experiences in 2010

Session Chairs: John Moser, *Exelon - Midwest*, and Joel McElrath, *EPRI*

8:00 AM	Highlights of ALARA Benchmarking Site Visit of Doel Harry Miller (lead author), <i>Braidwood, Exelon</i>	Willie Harris , <i>Exelon – Fleet RPM, presenting</i>
8:30 AM	Bruce Power Alpha Event	Maureen McQueen , <i>Bruce Power</i>
9:30 AM	Unplanned Exposure During Diving in the Spent Fuel Pool	Andreas Ritter , <i>Kernkraftwerk Leibstadt AG</i>
10:00 AM	Coffee Break	

Tuesday, January 11, 2011 Cont'd

Session V: Source Term Successes and Lessons Learned in 2010

Session Chairs: Willie Harris, *Exelon* and David Perkins, *EPRI*

10:30 AM	Bruce A, Unit 1, Feeder Decontamination	Colin Pritchard, <i>Bruce Power</i>
11:00 AM	Panel Discussion on CRUD Burst Management at BWRs and PWRs <i>Panel Participants: David Thompson, Duke, Barry Barton, Byron, Colin Pritchard, Bruce Power, Harry Bush, Dresden, David Perkins, EPRI</i>	Moderator: Cindy Connelly, <i>INPO</i>
12:00 PM	Lunch	

Tuesday, January 11, 2011 Cont'd

Session VI: ALARA Lessons Learned		
Session Chairs: Robert Hite, <i>Bruce Power, Canada</i> and Paul Saunders, <i>EPRI Consultant</i>		
1:30 PM	Bruce Power Radiation Protection Program Improvements	Maureen McQueen, <i>Bruce Power</i>
2:00 PM	South Texas On-line Maintenance Discussions with Japanese ASME Delegation	Wataru Mizumachi, <i>ISOE Bureau, Tokyo</i>
2:30 PM	EPRI Cobalt Reduction Sourcebook	Daniel Wells, <i>EPRI</i>
3:00 PM	Coffee Break	
Session VII: Regulatory ALARA Updates		
Session Chairs: Doris Lewis, <i>USNRC</i> and Bernard Ellaschuk, <i>Canadian Nuclear Safety Commission</i>		
3:30 PM	Weibull Dose Distribution Analysis as a Performance Indicator of ALARA	Derek Hagemeyer, <i>Oak Ridge Associated Universities</i>
4:00 PM	NRR Regulatory ALARA Update	Steven Garry, <i>USNRC</i> and Martin Phalen, <i>USNRC</i>
4:40 PM	CNSC & NRC Panel Discussion	Moderators: Steven Garry, <i>USNRC</i> and Martin Phalen, <i>USNRC</i>

Wednesday, January 12, 2011

Session VIII: ALARA Experience from Fall 2010 Refueling Outages

Session Chairs: Doug Noble, *Davis Besse* and Carey Haas, *EPRI*

8:00AM	US Field Trial of CZT Detector Technology for Source Term Monitoring and ALARA	Frederic Mis , <i>Multi Industrial Services, LLC</i>
8:30AM	Oconee Alpha Experience	Amanda P. Stevenson , <i>Duke Power</i>
9:00AM	Clinton Innovative Use of Robots for Bioshield Helium Leak Testing	Bill Green , <i>Clinton, Exelon</i>
9:30AM	EPRI BWR and PWR Chemistry Guideline Recommendations for Minimizing Dose Rates During Shutdowns	Joel McElrath , <i>EPRI</i>
10:00AM	Coffee Break	

Wednesday, January 12, 2011 Cont'd

Session IX: Industry Dose Reduction Initiatives		
Session Chair: David Thompson, <i>Duke Energy</i> and Daniel Wells, <i>EPRI</i>		
10:30 AM	Scaffold Program Optimization for Dose Reduction	Lisa Edwards, <i>EPRI</i>
11:00 AM	EPRI/FIATECH 3D EDE ALARA Planning Pilot Project at Kewaunee	Mike Hale, <i>Kewaunee</i> and Phung Tran, <i>EPRI</i>
11:30 AM	Industry Update on Zinc Injection and Application	Carey Haas, <i>EPRI</i> and David Perkins, <i>EPRI</i>
12:00 PM	Update on ISOE Website	Caroline Schieber, CEPN
12:10 PM	Lunch	

Wednesday, January 12, 2011 Cont'd

Session X: Additional International ALARA Highlights

Session Chair: Richard Doty, *NATC, University of Illinois*

1:00 PM	Pre-filming Method of Reducing Metal Release from Alloy 690 for SG in Primary Water of PWR	Akihiro Uehira, <i>Sumitomo Metal Industries, Ltd.</i>
1:30 PM	Continued Strong ALARA Performance at Cook Units 1 & 2	Carl Moeller, <i>Cook Nuclear Plant,</i> <i>American Electric Power</i>
2:00 PM	2011 Meeting Summary – David Miller and Rick Doty	
2:30 PM	Meeting Closing	Phung Tran, <i>EPRI</i>



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