

2008 ALARA World Class Performance Susquehanna Steam Electric Station



William H. Spence, Executive Vice President and Chief Operating Officer; Chief Nuclear Officer
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Richard L. Doty, Radiation Protection Manager
Eric Wolf, Radiological Operations Supervisor (Programs)

2009 ISOE North American ALARA SYMPOSIUM EPRI Radiation Protection Conference

*January 12-14, 2009
Ft. Lauderdale, Florida, USA*

Sponsored by:
North American Technical Center, College of Engineering, University of Illinois
&
Electric Power Research Institute

Information System on Occupational Exposure
PARIS, VIENNA, TOKYO, ILLINOIS
UNIVERSITY of ILLINOIS

**2009 ISOE North American ALARA Symposium /
EPRI Radiation Protection Conference
Marriott North – Ft. Lauderdale, Florida
January 12-14, 2009**

Sunday, January 11, 2009

5:30 pm – 7:30 pm Registration

Atlantic Room

Monday, January 12, 2009

7:00 a.m. Registration

Atlantic

7:00 a.m. Continental Breakfast

Cypress Foyer

7:00 a.m. Speakers' Breakfast (Monday Speakers)

Sawgrass

8:00 a.m. Welcome

David Miller, *NATC*

Wataru Mizumachi, *ISOE*

Plenary Session I: The Global Nuclear Renaissance & ALARA

Cypress Ballroom

*Session Chair: John Palms, Distinguished President Emeritus,
University of South Carolina, Exelon Board Member*

8:10 a.m. Challenges of a Nuclear Renaissance

The Honorable Peter Lyons,
US NRC Commissioner

9:00 a.m. 2008 NATC Nuclear Professional of the Year Award
Recipient: Wataru Mizumachi, *ISOE* Bureau Chair

John Palms,
Awards Presenter

2008 ISOE World Class ALARA Performance Award
Recipients: Richard Doty and Eric Wolf,
Susquehanna Steam Electric Station

9:15 a.m. Highlights of Global ISOE Bureau Programs
at Nuclear Plants

Wataru Mizumachi
JNES, ISOE Bureau

9:45 a.m. Coffee Break

Foyer

Session II: RP 2020 Initiative

Cypress Ballroom

Session Chairs: David W. Miller, NATC & John Palms, Exelon

10:00 a.m. Low Level Radiation Cell Biology Research Update

Lawrence Dauer
Memorial Sloan-Kettering

10:30 a.m. Radiation Safety Developments Impacting RP
Programs in 2009

Ellen Anderson, *NEI*

11:00 a.m. INPO RP 2020 Report: ALARA Observations

Cindy Connelly, *INPO*

11:30 a.m. EPRI Radiation Safety Research Highlights

Sean Bushart, *EPRI*

12:00 Noon – 1:30 p.m. Lunch

Royal Palms (coffee & dessert
in Exhibit Hall)

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Session III: Global ALARA Experiences

Cypress Ballroom

Session Chairs: Doug Noble, Davis Besse; Sean Bushart, EPRI

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| 1:30 p.m. | World Class ALARA Performance at Susquehanna | Richard Doty, Susquehanna
S.E.S. |
| 2:00 p.m. | Inside and Outside - A Review of the RCA Boundary | Andreas Ritter, KKL, Leibstadt
Switzerland |
| 2:30 p.m. | Activities of ISONE Asian Technical Centre | Takeshi Akahori, JNES, Japan |
| 3:00 p.m. | Coffee Break | Foyer/Cypress ABC |
| 3:30 p.m. | Point Lepreau Refurbishment Project | Colin Pritchard,
<i>AECL, New Brunswick</i> |
| 4:00 p.m. | Options to Revise Radiation Protection Regulations | Donald Cool, US NRC |
| 4:45 p.m. | Announcements | David Miller, <i>NATC</i> |
| 6:00 p.m. – 7:30 p.m. | Vendor Reception | Cypress ABC |

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Tuesday, January 13, 2009

7:00 a.m.	Continental Breakfast	Cypress ABC
7:00 a.m.	Speakers' Breakfast (Tuesday Speakers)	Sawgrass
Session IV: Source Term Reduction Methodologies		Cypress Ballroom
<i>Session Chairs: Rich McGrath, EPRI & Ellen Anderson, NEI</i>		
8:00 a.m.	EPRI Source Term Reduction Update (PWR and BWR)	Lisa Edwards , EPRI
8:30 a.m.	Decontamination of Letdown Piping for Dose Reduction	David Lloyd, Duke Energy
9:00 a.m.	Outage Activity Transport Monitoring Gamma Surveys at CANDU Stations	Yury Verzilov and Aamir Husain, Kinectrics, Canada
9:30 a.m.	Reduction Methods of Cr and Co Release from Stainless Steels in PWR and BWR Plants	Hiroyuki Anada, Sumitomo Metals Inc.
10:00 a.m.	Coffee Break	Cypress ABC
Session V: ALARA Inspection/Mitigation Strategies		Cypress Ballroom
<i>Session Chairs: Lisa Edwards, EPRI, Patrick Hoppe, Cook</i>		
10:15 a.m.	Alloy 600 Inspection and Mitigation Dose Performance: 2008 Update	Karen Kim, EPRI
10:45 a.m.	Movement of Dresden Steam Dryers to Mausoleum	Harry Bush, Exelon
11:15 a.m.	Airborne Tritium Mitigation Successes at Darlington	Tom Wong, OPG
11:45 a.m.	Human Performance & ALARA at Pickering B	Scott Cameron, OPG
12:15 p.m.	Lunch	Royal Palms
Session VI: ALARA Lessons Learned		Cypress Ballroom
<i>Session Chairs: Linda Weekes, AECL, Canada, David Thompson, Exelon</i>		
1:30 pm.	Replacement Outage Dose Reduction Efforts at Fort Calhoun	Randy Hodgson, OPPD
2:00 p.m.	Dose Reduction Efforts at Arkansas Nuclear One	Dan Stolz and Jim Bacquet, Entergy
2:30 p.m.	INSPECTORS Perspective on Station ALARA Programs	Martin Phalen, US NRC
3:00 p.m.	Coffee Break	Cypress ABC

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Session VII: NRC Roundtable Discussion

Cypress Ballroom

4:00 pm US PWR and BWR Occupational Dose Trends

Steven Garry, US NRC

4:30 p.m. US NRC ALARA Observations & Discussion

Jim Noggle
Martin Phalen
Steven Garry
Harriett Karagiannis
Doris Lewis

5:00 p.m. **Adjourn**

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Wednesday, January 14, 2009

7:00 a.m.	Continental Breakfast	Cypress ABC
7:00 a.m.	Speakers' Breakfast (Wednesday Speakers)	Sawgrass
Session VIII: Experience Reports		Cypress Ballroom
<i>Session Chair: David Thompson, Byron; Cindy Connelly, INPO</i>		
8:00 a.m.	Scaffolding Initiatives – Building on Industry Success	Paul Saunders, Suncoast Solutions
8:30 a.m.	Hot Particle Retrieval at Pickering A	Scott Cameron, OPG
9:00 a.m.	Use of the Laser Scanning Technology to Support Existing Nuclear Facilities and New Plant Construction	Amadeus Burger, CSA
9:30 a.m.	Break	Cypress ABC
Session IX: Information Exchange for Long Term ALARA Planning		Cypress Ballroom
<i>Session Chair: Michael Villemaire, OPG/ Canada; Martin Phalen, US NRC</i>		
10:00 a.m.	Station Five Year ALARA Planning	Patrick Hoppe, Cook, AEP
10:30 a.m.	Applicability of ALARA Lessons Learned from Decommissioning Projects to Operating Plants	Richard McGrath, EPRI
11:00 a.m.	ALARA Lessons Learned in 2008	David Miller, NATC
11:30 a.m.	Braidwood Low Inventory Shutdown Experience	Harry Bush, Exelon
12:00 p.m.	Lunch and Prize Drawing	Royal Palm
Session X: Global ALARA Resources and New Topics		Cypress Ballroom
<i>Session Chairs: Vincent Holahan and Doug Noble, Davis Besse</i>		
1:30 p.m.	Highlights of Kyoto International ISOE Symposium	TBA
2:00 p.m.	New ISOE Network Website	TBA
2:30 p.m.	Meeting Summary	Lisa Edwards and David Miller
3:00 p.m.	Meeting Adjourns	