

AGENDA

2013 NORTH AMERICAN ISOE ALARA SYMPOSIUM

*Fukushima Severe Accident Dose Management &
Global Lessons Learned in Occupational Dose Reduction*

Hyatt Regency Pier Sixty-Six, Fort Lauderdale, Florida

January 6 - 9, 2013

Sunday, January 6, 2013

8:30 am – 5:30 pm	Professional Enrichment Courses for Radiation Protection Continuing Education including internal Dosimetry assessment, CZT Piping Measurements, ICRP new recommendations & Generating ISOE Dose Trend Comparison Charts	
5:30 pm– 7:00 pm	Registration	<u>Crystal Ballroom Foyer</u>

Monday, January 7, 2013

7:00 am – 8:00 am	Registration	<u>Crystal Ballroom Foyer</u>
7:00 am – 8:00 am	Continental Breakfast	
	All ISOE ALARA Technical Sessions	<u>Ballroom A</u>
Plenary Session:	Fukushima Severe Accident Status & Impact on Operating Nuclear Plants	
Session Co-Chairs:	John Palms, PhD , Distinguished President Emeritus, <i>University of South Carolina</i> Exelon Board Member (Retired 2012) & Wataru Mizumachi, ISOE Bureau Chair Emeritus, JNES, Tokyo	
8:00 am	Welcome John Palms & Wataru Mizumachi	
8:10 am	Fukushima Severe Accident Current Status & Future Plans Wataru Mizumachi, ISOE Bureau Chair Emeritus, Asian ISOE Center, Tokyo	
8:50 am	TEPCo's Radiation Protection Manager's First Hand Experience at Fukushima during the March 11, 2011 Earthquake and Tsunami: The situation of individual dose management of the workers who engaged in emergency work in Fukushima-Daiichi Nuclear Power Station Accident Koichi Sumiyoshi (Tokyo Electric Power Company) – Japan	
9:30 am	US NRC Perspective on Fukushima Nuclear Safety Upgrades to US NPPs US NRC Commissioner (Invited)	
10:00 am	Coffee Break	<u>Crystal Ballroom Foyer</u>
10:30 am	US Senior Management Response to Fukushima Nuclear Complex Severe Accident Report from the Japanese Government TBA	
11:00 am	2012 Award Recipient (to be announced) ISOE World Class ALARA Performance Award Presenter: TBA	
12:00 noon	Lunch	<u>Crystal Ballroom Foyer</u>

Session II: Global Achievements in 2012

Session Chair: **Willie Harris**, Exelon Fleet RPM and ISOE Bureau Utility Chair

- 1:00 pm **NASA's Mars Curiosity Rover Discoveries & Use of Radioisotopes**
Dennis Chamberland, NASA, Kennedy Space Center
- 1:30 pm **Update on NRC Implementation Approaches & Schedule for New 10CFR 20**
Revisions including 20 mSv/yr individual dose, SI units and Declared Female Dose Limits
Donald Cool, USNRC
- 2:00 pm **Bruce A, Units 1 & 2 (after 17 years in cold shutdown) Restart RP Issues after Refurbishment**
Dave E. Miller, Corporate RPM, Bruce Power
- 2:30 pm **Coffee Break** Crystal Ballroom Foyer

Session III: Innovations in Global Nuclear Power ALARA Programs

Session Chairs: **David W. Miller**, NATC Regional Director, Cook Plant

- 3:00 pm **Exelon Fleet RWP and RP Procedure Standardization**
Willie Harris, Exelon Fleet RPM
- 3:30 pm **Historic RWP & Work Order Analysis Studies to Sustain Lowest**
PWR Outage Doses,
Bob Hite, RPM, Cook
- 4:00 pm **Different Models of Russian VVER-1000 Reactors: Occupational Exposure Trends and Main**
Source-Term Reduction Efforts during the Planned Maintenance Works
Dr. Vladimir Potato, Deputy Director General, VNIIAES (Presenter)
Dr. Yury Yanchenko, Head of Division, VNIIAES.
Dr. Vadim Glasunov, Head of Department, VNIIAES.
- 4:30 pm **Advanced Dose Reduction Technologies: Robotics, Location Tracking, and Remote Monitoring**
Phung Tran, EPRI
- 5:30 – 7:00 pm **Vendor Reception** Crystal Ballroom B

Tuesday, January 8, 2013

- 7:00 am – 8:00 am **Registration** Crystal Ballroom Foyer
- 7:00 am – 8:00 am **Group Breakfast** Crystal Ballroom B
- Technical Meetings** Crystal Ballroom A
- Exhibit Show** Crystal Ballroom B

Session IV: Global ALARA Experiences in 2012

Session Chairs: **John Moser**, Exelon – Midwest

- 8:00 am **ISOE Program Highlights & Future Directions**
HalilBurcin OKYAR, ISOE Co-Secretariat, OECD/NEA, Paris
- 8:30 am **Susquehanna's Low Occupational Dose Achievements**
Shannon Peterkin, Susquehanna Steam Electric Station
- 9:00 am **Bruce Power Source Term Reduction Program**
Colin Prichard, Bruce Power
- 9:30 am **Overview of RM, LLW, REP, Source Term Program, and TSGs**
David Perkins, EPRI
- 10:00 am **Coffee Break** Crystal Ballroom B

Session V: Source Term Successes and Lessons Learned in 2012

Session Chairs: **Jim Dixon**, Southern Company RPM

10:30 am	Palo Verde ALARA Successes Carl Moeller , Palo Verde, APS	
11:00 am	Wound Injury Analysis & Lessons Learned at McGuire NP David Thompson , Duke Fleet RPM, Duke Energy	
1130 am	Duane Arnold Outage ALARA Successes, Robert Porter , RPM	
12:00 noon	Lunch	<u>Crystal Ballroom A</u>

Session VI: ALARA Lessons Learned

Session Chairs: **Robert Hite**, Cook Nuclear Plant

1:30 pm	Davis Bessel Refueling Outage Reactor Head Repair ALARA Challenges Doug Noble , Davis Besse	
2:00 pm	Ringhal's ALARA Program Improvements Madelene Johannson , Ringhals, Sweden	
2:30 pm	Managing PWR Shutdowns and Minimizing Radiation Fields Daniel Wells , EPRI	
3:00 pm	Coffee Break	<u>Crystal Ballroom B</u>

Session VII: Regulatory ALARA Updates

Session Chairs: **Doris Lewis**, USNRC and **Salah Djehal**, Canadian Nuclear Safety Commission

3:30 pm	US NRC ALARA Findings and Observations in 2012 Stephen Garry , NRR, USNRC	
4:00 pm	Canadian and Swiss Fukushima New Regulatory Requirements TBA	
4:30 pm	Regulatory NRC Panel Discussion Moderators: Steven Garry , USNRC and Martin Phalen , USNRC Open Forum for Discussion on Dose Related Regulatory Topics	

Wednesday, January 9, 2013

7:00 am – 8:00 am	Registration	<u>Crystal Ballroom Foyer</u>
7:00 am – 8:00 am	Group Breakfast	<u>Crystal Ballroom B</u>
	Technical Meetings	<u>Crystal Ballroom A</u>
	Exhibit Show	<u>Crystal Ballroom B</u>

Session VIII: ALARA Experience from Refueling Outages

Session Chairs: **Doug Noble**, Davis Besse

8:00 am	Point LePearu Restart after Refurbishment TBA, New Brunswick Power, CANADA	
8:30 am	Summer Reactor Head Repair Experience Moses Coleman , RPM, (invited)	
9:00 am	ALARA Lessons Learned at Perry Nuclear Station Stan Baker , RPM, invited	
9:30 am	Refueling Dose Reduction Options Phung Tran , EPRI	
10:00 am	Coffee Break	<u>Crystal Ballroom B</u>

Session IX: Industry Dose Reduction Initiatives

Session Chair: **David Thompson**, Duke Energy

10:30 am	Prague Distinguished Paper Author
11:00 am	Updates to the 3D ALARA Prototype Based on Kewaunee Demo Phung Tran , EPRI
11:30 am	20th Anniversary ISOE Report David Miller , NATC
12:00 noon	Lunch

Crystal Ballroom B

Session X: Additional International ALARA Highlights

Session Chair: **Patty Jones**, Calvert Cliffs,

1:00 pm	TBD
1:30 pm	New ISOE database Features and Automated Dose Reports Lucie D'Ascenzo , ETC, Paris
2:00 pm	TBD
2:30 pm	EGOE Expert Group Report: Case Study III: Operational RP Richard Doty , NATC External Affairs Coordinator
3:00 pm	2013 Meeting Summary
3:30 pm	Meeting Closing Willie Harris , ISOE Utility Bureau Chair