

2015 NORTH AMERICAN ISOE ALARA SYMPOSIUM AGENDA

**Hyatt Regency Pier Sixty-Six
2301 S.E. 17th Street Causeway
Ft. Lauderdale, Florida 33316 USA
Phone: 954-525-6666**

ALARA Lessons Learned from 2014 Refueling Outages & Normal Operations

Sunday, January 11, 2015

1:00 pm – 5:00 pm North American CZT Data Analysis Working Group Meetings Crystal Ballroom 3,4

Monday, January 12, 2015

7:00 am – 8:00 am Registration Crystal Ballroom Foyer

7:00 am – 8:00 am Continental Breakfast Crystal Ballroom Foyer

All ISOE ALARA Technical Sessions Crystal Ballroom 3, 4

Plenary Session: Fukushima Severe Accident Status and Impact on Operating Nuclear Plants

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

8:00 am Welcome: John Palms, NATC Honorary Board Chair

8:15 am Big Data for Radiation Analytics,
Professor Tim Weninger, Data Science Group, Notre Dame University

9:00 am Lessons Learned from the Fukushima Daiichi Accident to Establish Resilience Technology for Nuclear Plants Based on the Defense in Depth Philosophy,
Invited Plenary Speaker: Professor Tadashi Narabayashi, Hokkaido University, Sapporo, Japan

10:00 am Coffee Break Crystal Ballroom Foyer

10:15 am H3D Technology as a New ALARA Tool for Nuclear Power Plants,
Professor Zhong He, University of Michigan, **Recipient of the 2014 John M. Palms Outstanding Innovation Award** from the College of Engineering, University of Illinois

11:00 am Source Term Control by Optimized RHR Operations,
Andreas Ritter, Deputy Dept. Manager Chemistry and Radiation Protection, Leibstadt Nuclear Plant, Switzerland, **Recipient of the 2014 Radiation Professional of the Year Award**

Monday, January 12, 2015 (continued)

11:30 am Quad Cities Generating Station Dose Reduction Achievements
Dan Collins, RPM, Quad Cities Generating Station, Exelon
2014 World Class ALARA Performance Award Presentation

12:00 noon Lunch Crystal Ballroom Foyer

Session II: Experiences in Japan Resulting from the Accident at Fukushima-Daiichi

Session Chair: Jason Harris, NATC Idaho State University

1:00 pm Use of Silver Zeolite in Hardened Vents at Japanese BWRs,
Dr. Jifeng Wang, RASA, Japan

1:30 pm Dosimetry Management for US Navy Ships in Japanese Waters Post-Accident,
Luis Benevides, PhD, US NRC – Office of Nuclear Regulatory Research

2:00 pm EDEX Lessons Learned from 2014 Region III Refueling Outages,
Martin Phalen, US NRC, Region III

2:30 pm Coffee Break Crystal Ballroom Foyer

Session III: ISOE Distinguished Papers & Source Term Management

Session Chair: David Thompson, Duke Fleet RPM

3:00 pm ALARA Management Measures and Experiences in Handling of Replaced Pressurizer at Ringhals 4,
E. Hernvall and T. Svedberg, Ringhals, Sweden, **Distinguished Paper from Bern, Switzerland European
ISOE Symposium**

3:30 pm Update for the Revisions to the NRC 10 CFR 20,
Cindy Flannery, US NRC

4:00 pm 2015 – Exploring New Worlds: Pluto, Ceres, and Mars
Dennis Chamberlain, Technical Manager NASA Kennedy Space Center,
National Aeronautics and Space Administration

5:30 – 7:00 pm **Vendor Opening Reception of Exhibit Hall (All attendees invited to attend)** Crystal Ballroom 1,2

Tuesday, January 13, 2015

7:00 am – 8:00 am Group Breakfast Crystal Ballroom 1,2
Technical Meetings Crystal Ballroom 3,4
Exhibit Hall Crystal Ballroom 1,2

Session IV: ALARA Experiences During Outages in 2014

Session Chair: John Moser, LaSalle RPM, Exelon

8:00 am Human Exploration of Deep Space Begins – Mars and Asteroids
Dennis Chamberlain, Technical Manager NASA Kennedy Space Center,
National Aeronautics and Space Administration

8:30 am Dresden’s Record Low Refueling Outage Achievement, Harry Bush, Exelon

Tuesday, January 13, 2015 (continued)

- 9:00 am Suppression Pool Diving Dose Reduction at Limerick Station, Tom Mscisz, Limerick
- 9:30 am Cook Source Term Characterization Initiative with H3D Technology, Derek Hultquist, Cook Plant
- 10:00 am Coffee Break Crystal Ballroom 1,2

Session V: Radiation Protection/ALARA Good Practices

Session Chair: Jason Eggart, Surry RPM, Dominion Generation

- 10:30 am INPO ALARA Observations & Findings in 2014, Kevin Pushee, INPO RP Manager
- 11:00 am Quad Cities ALARA Program Accomplishments & Challenges, Archie Williams, Quad Cities, Exelon
- 11:30 am Source Term Mitigation & SRMP/BRAC Measurements Update, Carola Gregorich, EPRI
- 12:00 pm Lunch (Sponsored by Vendors) Crystal Ballroom 1,2

Session VI: Radiological Safety Culture to Foster ALARA Philosophy

Session Chair: Clark Bourne, Vogtle, Southern Company

- 1:30 pm ALARA Aspects of DSC Campaign at Robinson, Steven Hall, Robinson Plant, Duke Energy
- 2:00 pm Decommissioning Activities in Europe, Swen-Gunnar Jahn, Swiss Federal Nuclear Safety Inspectorate, Switzerland
- 2:30 pm Update on the Proposed Amendments to Canada's Radiation Protection Regulations, Melissa Fabian, Radiation Protection Officer, Canadian Nuclear Safety Commission, Directorate of Environmental and Radiation Protection and Assessment, Canada
- 3:00 pm Coffee Break Crystal Ballroom 1,2

Session VII: Regulatory ALARA Updates

Session Co-chairs: Terry Brock, US NRC & Melissa Fabian, Canadian Nuclear Safety Commission

- 3:30 pm US NRC ALARA Findings and Observations in 2014, Manuel Jimenez, US NRC
- 4:00 pm Regulatory Panel Discussion:
Jim Noggle, US NRC Region I Branch Chief, Melissa Fabian, Manuel Jimenez, Martin Phalen, Cindy Flannery, and Swen-Gunnar Jahn

Open Forum for Discussion on Regulatory Topics Related to Occupational Radiation Safety
- 6:00 pm Global ISOE Regulator Meeting and Dinner (for ISOE Regulators only) 1st Floor (Mariner's)

