

August 9, 2020

Dear Radiation Protection Managers & Regulators,

Re: 2021 North American ISOE ALARA Symposium, January 3 –6, 2021, Key West Marriott Beachside Hotel

On behalf of the NATC NPRE Technical Program Committee, I am pleased to invite you to attend the 2021 North American ISOE ALARA Symposium to be held January 3-6, 2021 at the **Marriott Beach Resort, Key West, 3841 North Roosevelt Boulevard, Key West, Florida, 33040 (800-546-0885/1-305-296-8100)**.

The 2021 symposium schedule has been planned to achieve low costs to the attendees by consolidating the Symposium and Region III & IV RPM meetings into a 3-day period. Also, the COVID 19 Pandemic implications on the safety of attendees and vendors has necessitated a parallel planning approach for the 2021 ALARA Symposium: Actual or Virtual Symposium. Also, the Marriott Hotel contract allows postponement of the symposium to another date later in 2021 if the pandemic considerations warrants this action.

The NATC NPRE Technical Program Committee has been expanded for the 2021 Symposium to facilitate careful planning of the PEP Continuing Education Course, Symposium and Region III & IV RPM meeting.

The January 2021 symposium will include the following schedule (if held as an actual symposium):

Sunday, January 3, 2021	9 am - 5 pm	Professional Enrichment Continuing Education Courses with emphasis on the new NATC ISOE BWR, PWR & CANDU major task dose/manhour comparisons, new CZT technology, Radiation Monitoring System replacement lessons learned and source chemical engineering concepts in source term reduction.
Monday, January 4, 2021	8 am - 5 pm	ISOE ALARA Symposium – Day 1 including plenary speaker, 2020 World Class Performance ALARA Award, & RPM presentations on outage OEs lessons learned
Monday, January 4, 2021	6 pm - 7:30 pm	Vendors' Reception (with emphasis on staying at the Marriott Hotel area due to COVID 19, if warranted).
Tuesday, January 5, 2021	8 am – 5 pm	ISOE ALARA Symposium – Day 2 including US NRC regulatory presentations on changes in US NRC ALARA inspection program and NRC RP/ALARA findings in 2020.

Tuesday, January 5, 2021 6 pm – 7:30 pm Vendors' Reception (an additional vendor exhibition to allow more time to visit vendor booths and stay at the hotel due to COVID 19, if warranted)

Wednesday, January 6, 2021 8 am – 12 pm ISOE ALARA Symposium – Day 3 (RPM Operating Radiological Events & Lessons Learned).

Wednesday, January 6, 2021 1 pm – 5 pm Region III & IV RPM Meetings (Observations from NRC Branch Chief & RP Inspectors in Control of RP Programs).

Symposium Objectives:

Since 1997, the annual North American ISOE ALARA Symposium has steadily grown with utility RP managers attending from U.S., Canada and Mexico. The NATC Board knows the symposia could not have been so successful without your willingness to share radiological events good practices and lessons learned from the 2020 spring and fall refueling outages in Mexico & US and maintenance/refurbishment outages in Canada.

The primary goal of the 2021 winter ALARA symposium has become the premier utility/regulatory meeting for Radiation Protection Managers and health physics professionals to exchange the latest good practices and lessons learned from new technology and regulatory formate (and other RP initiatives). In 2020, NATC has developed over 35 Information Sheets (IFS) on major refueling outage tasks to facilitate the benchmarking of major outage jobs during the ALARA planning process. The IFS will be made available to attendees. RPMs are encouraged to invite their plant managers & maintenance directors to attend the 2021 ALARA Symposium. The Theme of the 2021 symposium is RPM Experience with New US NRC ALARA Inspection Approach & COVID 19 Pandemic Effective NPP Controls Experience.

The symposium will feature technical papers and exhibits on the latest approaches in work management, dose control, remote monitoring and dose measurement. The symposium is held early in the calendar year at the suggestion of ISOE utility Radiation Protection Managers to assist individual plants in setting annual and refueling outage ALARA dose goals/targets. Good ideas on successful refueling and maintenance ALARA outage initiatives are also shared at the symposium.

Meeting Registration Information: <https://my.engr.illinois.edu/eventreg/register.asp?id=1517>

Hotel reservation details are listed via the registration link. **IMPORTANT Pandemic Information: The College of Engineering, University of Illinois, has insured the meeting by Lloyd's of London for weather related travel problems, attendee illness & Acts of Terrorism. A refund of the registration fees will be available upon request if a registered attendee or vendors needs to cancel their participation.**

The 2021 ISOE ALARA Symposium is sponsored by the North American Technical Center (NATC) NPRE, Grainer College of Engineering, University of Illinois and endorsed by the International Atomic Energy Agency (IAEA - Vienna) and the OECD/Nuclear Energy Agency (NEA - Paris), NATC, NPRE College of Engineering is one of four ISOE Technical Centers that include Paris, Vienna, and Tokyo.

NATC's occupational dose radiological engineering analysis section is located in the Grainer College of Engineering, University of Illinois at Urbana-Champaign, Illinois, USA. The Information System

on Occupational Exposure was established in 1992 by the Nuclear Energy Agency (OECD/NEA) in Paris and since 1994, the International Atomic Energy Agency in Vienna has co-sponsored the ISOE program. Official participants in the ISOE program include 76 utilities in 29 countries (350 operating reactors, 80 shutdown reactors) and regulatory authorities in 22 countries. The ISOE database itself includes information on occupational exposure levels and trends at 400 operating reactors in 29 countries, covering about 90% of the world's operating commercial nuclear power plants.

Other Meetings (to be held at the same venue)

- Sunday, January 3, 2021 PEP Course including lessons learned on NRC inspections on lessons learned on RMS Replacement at NPPs, extended range noble gas effluent monitors, CZT spectra experience on LWR piping isotopic mapping and source term reduction lessons learned
- Wednesday, January 6, 2021, Regional III & IV RPM Meetings with invited guests
- Thursday, January 7, 2021, North American Work Management Expert Group Meeting (chaired by Colin Pritchard, Bruce Power) & Tentative Webex ISOE Management Board Meeting (Suggested by European Technical Center)/

If you have any questions, feel free to contact either David Miller via cell: [217-855-3238](tel:217-855-3238)/ email: dmiller@illinois.edu or myself, via cell: [269-930-0753](tel:269-930-0753)/email: almoeller88@gmail.com. We know there will be many questions due to the unusual and important restrictions due to the COVID 19 Pandemic. All attendees and vendors must agree to follow the COVID 19 requirements provided by the Key West city government and the Marriott Hotel.

Hope to see you in January 2021 in Key West!

Kind Regards,

Amy Moeller
NATC Executive Administrator / Event Coordinator
almoeller88@gmail.com
[269-930-0753](tel:269-930-0753)

Cc: Brad Boyer, NATC Board Chair, Watts Bar RPM, TVA
Colin Pritchard, NATC Board Member & NATC Data Analysis Working Group Chair
Rizwan Uddin, Head NPRE, Grainer College of Engineering, University of Illinois
David W. Miller^[1]_[SEP], NATC Regional Director, Grainer College of Engineering, University of Illinois