



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

www.crcpd.org

A Partnership Dedicated to Radiation Protection

October 2015

Message from Chairperson William Irwin, Sc.D., CHP



Wow! What A couple of months I have had representing all of you fine people out there!

First, I got to go to the 25th National Radon Training Conference in Bloomington, Minnesota, in September. I had heard that this was a great training opportunity, but **what I experienced was beyond my expectations.** The combination of content provided by the key partners – CRCPD, the Environmental Protection Agency and the American Association of Radon Scientists and Technologists – was exceptional. It was a great blend of reports on academic research, medical case studies, and practical efforts to identify and mitigate radon problems.

I am especially appreciative of the effort made by Pat Daniels and his team from E-25, the Committee on Radon. Michael Brennan, Clark Eldredge, Josh Kerber, Chrystine Kelley, Marybeth Rich and Bob Stilwell are the committee members; and Jay Hyland, Susan Howe, Adrian Howe, Jorge Laguna, Allison Sullivan, Kim Steves, Lisa Hebert, Randy Maley, Angela Tin, Brandy Toft and Melinda Lewis are the advisors. I applaud all of you for the outstanding job you did planning and executing this conference! I got to meet all that were in attendance, and to hear the presentations several of them made. **We are fortunate to have their support in this radiation protection effort that actually saves lives.**

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Message from Chairperson *(continued)*

ICRP Annual Symposium

"I requested on behalf of CRCPD that the ICRP focus on the challenges we face...."

William Irwin

I hope every member of our organization gets to someday go to a National Radon Training Conference. You will learn a lot in this critically important area of radiation protection, and enjoy the experience.

In October, I represented CRCPD in Seoul, South Korea, at the International Commission on Radiological Protection (ICRP) third Annual Symposium on the System of Radiological Protection.

CRCPD is one of just two organizations in the United States that supports the ICRP as a Liaison Organization. The other is the National Council for Radiation Protection and Measurements (NCRP). **Liaison Organizations provide the ICRP input on what issues we think the scientific body should focus on.** At the Liaison Meeting, I requested on behalf of the CRCPD that the ICRP focus on the challenges we face:

- assuring patient and worker health and safety in the rapidly advancing medical field;
- defining technologically enhanced naturally occurring radioactive materials (TENORM) and managing TENORM exposures and wastes; and
- ensuring there are well-qualified people to assist in radiological and nuclear emergencies.

The scientific program during the next three days was simply the best I have yet experienced. The world's leading researchers in medicine, physics, biology, and epidemiology joined the heads of national and international radiological health protection agencies to provide a fascinating set of lectures. The audience of about 400 people got to explore how we could use this new knowledge to improve our management of existing, planned and emergency situations in health care, in industrial settings and in the environment.

As Executive Director Ruth McBurney describes more in her article this month, **these kinds of national and international outreach efforts for CRCPD are important ways for us to learn a great deal from our colleagues and to help us shape radiation protection policy in the future.**



Greetings from Your Executive Director



Ruth E. McBurney, CHP

Relationships

- DOE
- EPA
- National Association for State Community Services Programs (NASCSP)
- European Radiological Protection Competent Authorities
- ICRP

Building Relationships, Building Infrastructure

Over the last couple of months and into the next few months, CRCPD has been and will continue to be quite busy with activities that reflect our commitment to encouraging the exchange of information among radiation control programs, and providing effective methods to assist state radiation control programs and all our members in addressing radiation issues.

National and International Meetings and Workshops

Several of our members and I have recently had the opportunity to participate in meetings concerning national and international radiation protection topics. On October 5, Pat Daniels (IL) and several other members of the E-25 Committee on Radon participated in a meeting in Washington, DC, at the U.S. Department of Energy (DOE) offices. The meeting included discussions among the attendees from CRCPD, DOE, the Environmental Protection Agency (EPA), and the National Association for State Community Services Programs (NASCSP), representing the state staff that implement weatherization programs in communities, concerning DOE's recent report, "Weatherization and Indoor Air Quality: Measured Impacts in Single-family Homes under the Weatherization Assistance Program." The report and its implications for indoor radon were discussed and future collaborative efforts planned. The full DOE report can be found at: <http://energy.gov/eere/wipo/downloads/weatherization-assistance-program-national-evaluation>

The following week, I had the opportunity to represent the United States at a **European workshop on Radon in Workplaces**, sponsored by the Heads of the **European Radiological Protection Competent Authorities (HERCA)**, an organization with similar structure and goals in Europe to that of CRCPD in the United States. The meeting was held at the International Labor Organization Building (ILO) in Geneva, Switzerland.

Executive Director

Greetings *(continued)*

Infrastructure

“We are also taking this opportunity to build in some new features for our members and committees, such as greater ability to share drafts and other documents and data, creation of online discussion groups for committees and the Board, and redesign our website layout. ”

Ruth E. McBurney

International Labor Organization Building in Geneva, Switzerland



Backlighting stained glass mural at ILO Building depicting workers in a variety of jobs

After presentations by the various European countries, **the participants divided into workgroups to make recommendations to the HERCA Board on plans for implementing the International Atomic Energy Agency’s (IAEA) directives on radon in workplaces, including:**

- **justification;**
- **responsibilities for radon control;**
- **identification of workplaces;**
- **radon measurements and control; and**
- **reference levels vs. dose limits.**

Bill Irwin, Chairperson of CRCPD, was our representative at the **International Commission on Radiological Protection (ICRP) meeting of Liaison Organizations at Seoul, Korea**, on October 19, 2015.

Executive Director

Greetings *(continued)*Radiation Protection
Professionals Week

“We are constantly faced with new challenges in radiation protection that demonstrate the need to call upon the skills and abilities of radiation protection professionals and the important role played by these dedicated individuals.”

Ruth E. McBurney

In addition, Joe Klinger (IL) has been asked to work with a group at the **IAEA in Vienna on the preparation of a draft report on experiences in planning and implementing campaigns for the safe recovery of orphan radioactive sources.** Our members are becoming known, not only nationally, but internationally for their expertise in radiation protection areas.

The Board of Directors, along with liaisons from several of our federal partners, will be meeting in Little Rock, Arkansas, on November 3-4, 2015, followed by a meeting of the **Technical Planning Committee on November 5, 2015, to start the planning process for the 2015 National Conference on Radiation Control. The National Conference will be held in Lexington, Kentucky, May 16-19, 2016.** If you would like to present a paper at this conference, I encourage you to send in an abstract soon, since we are still in need of presentations. Also, mark your calendars to go to Lexington in May!

Software Under Construction—“Pardon our Dust!”

The organization management software that we have been using to provide web services to our members and to keep up with the activities and contact information of all our members and other partners is soon to change. The staff of the Office of the Executive Director have been comparing providers of association management software and will soon select one and start a transition to the new system. **We are also taking this opportunity to build in some new features** for our members and committees, such as greater ability to share drafts and other documents and data, creation of online discussion groups for committees and the Board, and redesign our website layout. In addition, the new system should have greater efficiencies in processing online financial transactions, such as dues payments and meeting registration. **We hope to have a new system in place in time to roll it out at the annual conference in Lexington in May 2016.** We also hope there won't be a great deal of “dust” created from the transition and that you will find the new system easy to navigate.

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Executive Director**Greetings** *(continued)***Radiation Protection
Professionals Week**

***“National
Radiation
Protection
Professionals
week is
a time to
express your
appreciation
to your
colleagues
and
employees,
and to
display your
support and
dedication to
the field.”***

Ruth E. McBurney

National Radiation Protection Professionals Week

National Radiation Protection Professionals Week is coming up soon, a time when we pause to celebrate and acknowledge the tremendous amount of service that radiation protection professionals provide in protecting workers, patients and the public from unnecessary radiation. CRCPD is once again joining with the Health Physics Society and other groups to celebrate **National Radiation Protection Professionals week, during the week of November 8-14, 2015.** (See article in this issue of the Newsbrief for more information.)

We are constantly faced with new challenges in radiation protection that demonstrate the need to call upon the skills and abilities of radiation protection professionals and the important role played by these dedicated individuals. National Radiation Protection Professionals week is a time to express your appreciation to your colleagues and employees, and to display your support and dedication to the field.

I encourage you to celebrate the upcoming National Radiation Protection Professionals Week and recognize the people in your office that are carrying out this important work.



25th National Radon Training Conference

25th National Radon Training Conference

The 25th National Radon Training Conference was held September 20 – 23, 2015, in Bloomington, Minnesota, at the Doubletree Hotel. Three full days of plenary sessions and an additional (optional) day of hands-on training entitled **Building Technical Capacity** were presented. The first day of the meeting was a joint meeting with the American Association of Radon Scientists and Technologists (AARST). AARST assisted with the planning of the first day joint meeting.

There were 109 registrants for the three day conference, with attendees from 34 states, tribal nations, international, EPA, and partners from both EPA and coalitions.

Critique sheets from the 25th National Radon Training Conference are being analyzed and will be used in planning the 26th National Training Conference.

The Committee on Radon (E-25) is to be commended for their efforts of putting together another outstanding conference.



2015 RADON HERO AWARD

Larainne Koehler 2015 Radon Hero

Larainne Koehler, of EPA Region 2 in New York, is recognized for her leadership and dedication to increasing radon awareness and radon testing and mitigation rates in the states of New Jersey and New York. Her guidance and expertise have helped shape the New Jersey and New York radon programs and contributed extensively to their success.

Larainne has become an expert in risk communications and how to get an apathetic public to test for a colorless, odorless, radioactive gas.

For her accomplishments in radon risk reduction, her unwavering commitment demonstrated by her years of sustained exemplary leadership, and her consistently helpful and supportive guidance for state radon programs and the radon industry,

Larainne Koehler is recognized as our 2015 Radon Hero.



Call for Papers for the
26th National Radon Training Conference

Call for Papers

You are invited to present a
paper at the 26th National
Radon Training Conference.

Presentations are generally 15 minutes in length. Once a paper is accepted, CRCPD will provide presenters with guidelines for the presentation to assure their “readability” from the back of the room.

If you are interested in presenting a paper, please submit a brief four or five sentence abstract to Sue Smith <ssmith@crccd.org> at the Office of Executive Director **no later than December 1, 2015**, for consideration by the E-25 Committee on Radon. The E-25 Committee will be meeting in December 2015 to begin planning the 26th National Radon Training Conference. Location and dates of the conference are to be determined.

Acceptance of a submitted paper does not imply that CRCPD will pay the travel expenses of the speaker to give the paper.



NNSA/OSRP Team Receives Los Alamos Award

Off-Site Source Recovery Project

The Off-Site Source Recovery Project (OSRP) team recently received the **2014 Large Team Distinguished Performance Award** from Los Alamos National Laboratory (LANL) management.

The Material Management, Disposition, and Recovery team supports the Laboratory's Off-Site Source Recovery Project (OSRP), which recovers, secures, and disposes of excess and unwanted radioactive sealed sources and other radioactive material from around the United States and the world. **In 2014 alone, the project recovered 2,266 radioactive sealed sources from 65 different locations.** In addition, OSRP has worked with CRCPD under a Department of Energy cooperative agreement on the **Source Collection and Threat Reduction (SCATR) program** since SCATR's inception to dispose of sources with a commercial disposal outlet.

By recovering so many sources, OSRP secured more than 104,000 curies of radioactive material, roughly equivalent to the removal of more than 1,040 significant radiological dispersal devices (RDDs) from the public sector. That total represents a 171 percent increase over the average total curies recovered during the past 5 years and 2.7 times the amount recovered during 2013.

As part of its work, this team has developed multifunction transport containers, including, in 2014, a new Type B container for shipping high-activity, gamma-emitting devices. The team is now at work designing a second such container.

It also has developed a secure computerized database and tracking system that supports source registration and recovery operations and has created special field-sealable, special form capsules. Both the International Atomic Energy Agency and China have started implementing a similar database and tracking system for source recovery and disposal tracking.

This diverse team's dedication, skill, and teamwork resulted in LANL being recognized for its broad impact in the field of source recovery and radiation safety.

NNSA/OSRP Team Receives Los Alamos Award *(continued)*

As expressed by Russ Meyer, CRCPD's Technical Assistant, **"We are honored to be part of such a unique and focused organization."**

Off-Site Source Recovery Project

The one word that encompasses the accolades already mentioned is ***commitment***. It is clear from their efforts and successes that every group, every manager and every individual in the OSRP is committed to making the United States and the rest of the world a safer place in which to live.

"The challenge still exists, but it is clear there is a plan and a will to see the challenge eliminated."



RADIATION PROTECTION PROFESSIONALS RECOGNIZED

Frankfort, KY - The Conference of Radiation Control Program Directors, Inc. (CRCPD) today announced the celebration of National Radiation Protection Professionals Week November 8 – 14, 2015. The weeklong event to honor radiation protection professionals is set in November to celebrate the discovery of X-rays by Wilhelm Conrad Roentgen on November 8, 1895.

Radiation protection professionals provide leadership in protecting the public from the hazards of radiation. These dedicated individuals work diligently to ensure that radiation and radioactive materials are used safely and beneficially in thousands of different ways.

According to William Irwin, Chairperson of CRCPD Board of Directors, “Radiation protection professionals are a vital safety net; they help to make sure that medical uses of radiation are safe, that industrial uses and products are safe, and that our homes and our country are safe. Their selfless professionalism ensures that people are able to safely enjoy the tremendous benefits of the uses of radiation in our society.”

CRCPD is a nonprofit organization that has members in radiation control programs in all 50 states, the District of Columbia, and U.S. territories, as well as internationally. The mission of CRCPD is to promote consistency in addressing and resolving radiation protection issues, to encourage high standards of quality in radiation protection programs, and to provide leadership in radiation safety and education. More information on radiation can be found at www.CRCPD.org.

National Radiation Protection Professionals Week Resolution

**CONFERENCE OF RADIATION CONTROL PROGRAM DIRECTORS, INC.****RESOLUTION**

Relating to: National Radiation Protection Professionals Week

WHEREAS: Wilhelm Conrad Roentgen discovered X rays on November 8, 1895; and

WHEREAS: Soon after, natural radioactivity was discovered in March of 1896, and

WHEREAS: Radiation is a useful and necessary part of our modern world; and

WHEREAS: Radiation exposure is potentially harmful to people; and

WHEREAS: Man-made and concentrated natural radioactivity can cause environmental contamination, and

WHEREAS: Radiation Protection Professionals work with government, industry, medical, educational, and private sources to bring the benefits of X rays, radiation and radioactivity to the public while minimizing the hazards of radiation exposure; and

WHEREAS: The Conference of Radiation Control Program Directors, Inc. supports efforts to encourage all citizens to recognize the importance of Radiation Protection Professionals who provide necessary leadership in protecting the public from the hazards associated with the use of radiation.

NOW BE IT RESOLVED:

That November 8 - 14, 2015 is National Radiation Protection Professionals Week.

That the weeklong observance is dedicated to recognizing Radiation Protection Professionals for their contributions to public safety.

On behalf of the members of the Conference of Radiation Control Directors, Inc., I am pleased to recognize November 8 - 14, 2015 as National Radiation Protection Professionals Week.

Approved by the CRCPD Board of Directors this October 1, 2015

William E. Irwin, Sc.D., CHP
CRCPD Chairperson

2016 CRCPD Membership Dues

The CRCPD Board of Directors approved not increasing the 2016 Membership Dues. The 2016 membership dues are as follows:

Director - \$130

Associate - \$55

Affiliate - \$85

Emeritus - \$40

Honorary - \$0

International - \$95

Life - \$0

Program Category:

1 to 10	\$ 750
11 to 25	\$1,750
26 to 50	\$3,000
51 to 75	\$4,500
76 to 100	\$6,000
101 to --	\$7,500

You should have already received your 2016 membership renewal.

If you have not please contact us at 502/227-4543.

Your 2015 membership will expire on December 31, 2015.





October

CRCPD Welcomes New Members

Associate Members

David Asselin (MI)
Jeffery Bell (NV)
Kenneth Coble (MI)
Glen Gimenez (NV)
Greg Gothard (MI)
Robert D. Skowronek (MI)
David Skutt (MI)
Todd Trygier (MI)
Christopher Williams (WA)

Affiliate Members

Jon Buchanan (TN)
Randy Horn (GA)
Charles King (TN)



October

Changes for Directory of Personnel Responsible for Radiological Health Programs

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KS – Remove Vacant and insert Kimberly Steves, Director, Radiation Control Program, phone no. 785/296-4359, email: ksteves@kdheks.gov; remove Thomas Langer in its entirety; removed David Whitfill in its entirety; Pam Watson insert X-Ray, Radioactive Materials, and Radon; Jason Barney, change title to supervisor, Radioactive Materials & X-Ray Unit and phone # 785-296-1986; Change title for the following individuals to Environmental Compliance/Regulatory Specialist: Judee M. Walden, James Harris, Aaron Short, Diane Greep, John Kratina, Cynthia Siemers, Jessi Snook, Jason Meinholdt, Stewart Steen; David Lawrenz change title to Environmental Compliance/Regulatory Specialist and change phone # 785-296-1564; insert James Uhlemeyer, Environmental Compliance/Regulatory Specialist, Radioactive Materials, phone # 785-296-1989, email: juhlemeyer@kdheks.gov; Jesse Woltje change title to Environmental Compliance/Regulatory Specialist and phone # 785/296-1993; Shay Hannah change title to Environmental Compliance/Regulatory Specialist and email: shannah@kdheks.gov.

Page 51

NV – Remove Sueha Ravikuman and Aaron Beck and insert vacant.

Page 52

NV – Remove Timothy Mitchell and Ed Sweeten and insert vacant.

Page 66

OH – Mark Light update title, Radioactive Materials Section and Supervisor, Medical Licensing and Inspection (RAM); and remove Karl Von Ahn from listing.

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UT – Rusty Lundberg, change title to Deputy Director, Division of Waste Management and Radiation Control; insert Scott Anderson, Director, Division of Waste Management and Radiation Control, Department of Environmental Quality, phone #: 801/536-0203, email: standerson@utah.gov; remove John Hultquist from listing; Phil Goble change section to: Radioactive Materials and Uranium Mill Tailings Section; remove Loren Morton from listing; insert Don Verbica, Environmental Program Manager, LLRW Section, phone #: 801/536-0206, email: dverbica@utah.gov; remove John Hultquist as interim indoor radon contact and insert Eleanor Diver as Indoor Radon Contact, phone #: 810/526-0091, email: ediver@utah.gov; remove Douglas Wong from listing; and insert Lisa Mechem, DVM, X-ray and Mammography Contact, phone: # 801/526-4286, email: lisamechem@utah.gov.



CRCPD Board of Directors

<i>Board position</i>	<i>Name</i>	<i>State</i>	<i>Work Phone</i>	<i>E-mail address</i>
Chairperson.....	William Irwin, Sc.D., CHP.....	Vermont.....	802/865-7730.....	william.irwin@vermont.gov
Chairperson-Elect	Jared Thompson.....	Arkansas	501/661-2173.....	jared.thompson@arkansas.gov
Past Chairperson	Michael J. Snee.....	Ohio.....	614/644-2727.....	michael.snee@odh.ohio.gov
Treasurer	Aaron Gantt.....	South Carolina.....	803/545-4420.....	ganttaa@dhec.sc.gov
Member-at-Large.....	Ken Yale.....	Michigan.....	517/930-5784.....	yalek@michigan.gov
Member-at-Large.....	Jennifer Elee.....	Louisiana	318/362-5367.....	jennifer.elee@la.gov
Member-at-Large.....	Patrick Mulligan.....	New Jersey.....	609/984-7700.....	Patrick.mulligan@dep.nj.gov

CRCPD Councils

Environmental Nuclear Council	J. Thompson (AR) 501/661-2173 jared.thompson@arkansas.gov
General Council and Liaisons	Aaron Gantt (SC) 803/545-4420 ganttaa@dhec.sc.gov
Healing Arts Council	Jennifer Elee (LA) 318-362-5367 jennifer.elee@la.gov
Homeland Security/Emergency Response Council	P. Mulligan (NJ) 609/984-7700 Patrick.mulligan@dep.nj.gov
Suggested State Regulations Council	Ken Yale (MI) 517/930-5784 yalek@michigan.gov

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The Newsbrief is written to address the needs of all radiation control program personnel. Readers are encouraged to contribute newsworthy or informative items for the Newsbrief, with neither charges nor stipends for the items that are selected. News of state radiation control programs is especially sought.

Articles should be sent to CRCPD, Attn: Sue Smith, 1030 Burlington Lane, Suite 4B, Frankfort, KY 40601 (fax: 502/227-7862; email: <ssmith@crcpd.org>. The deadline for contributions is the 15th of the month before an issue is to be published.

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