

CRCPD *Newsbrief*

Conference of Radiation Control Program Directors, Inc.
A Partnership Dedicated to Radiation Protection

www.crcpd.org

October 2023

FROM THE CHAIRPERSON



COMMON GOALS AND NEW IDEAS!

I was honored to represent the CRCPD at the 67th Annual International Atomic Energy Agency (IAEA) General Conference. With over 60 countries in attendance, it was an amazing event to witness. One of my favorite activities was watching each country's opening ceremony.

The United States opening ceremony included a holographic display that included Commissioner Hanson and others. The U.S. commemorated 70 years of Eisenhower's Atoms for Peace at their booth with trivia contests to win a President Eisenhower bobblehead. The U.S. also hosted an inspirational "fireside chat" with Susan Eisenhower, granddaughter of Dwight Eisenhower. Ms. Eisenhower has written extensively on nuclear issues. She spoke on some of these as well as Atoms for Peace. She talked of growing up with her grandfather and the qualities he instilled in her that she has carried with her. The most powerful message to me was a short one. **Her grandfather always told her "Be for Something."** I believe that is something we should all pledge to do.

IAEA GENERAL CONFERENCE

"The U.S. also hosted an inspirational 'fireside chat' with Susan Eisenhower, granddaughter of Dwight Eisenhower. Ms. Eisenhower has written extensively on nuclear issues."

Rikki Waller

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FROM THE CHAIRPERSON

(continued)

**COMMON GOALS AND
NEW IDEAS!**

Common Goals and New Ideas

There were so many topics discussed it was hard to get to them all. Small modular reactors were the topic of several sessions. There were a few sessions on fusion energy. **All in all, it was a bit overwhelming to see so many countries coming together to network and discuss common goals and new ideas.** Watch a video here: <https://www.youtube.com/watch?v=IV2HbJh3asE>

AAPM Quality Measures Roundtable

I also attended the American Association of Physicist in Medicine (AAPM) Quality Measures Roundtable remotely. **Jennifer Elee participated live and gave a great presentation to the group about the work of CRCPD. Thanks, Jennifer!** This was a group consisting of individuals with widely varying backgrounds who share the same goal. I feel the discussion went very well. With all the changes in imaging technology, obtaining quality imaging with an acceptable dose must remain the number one goal for all patients.

56th National Conference on Radiation Control

In closing, I am looking forward to our first planning meeting for the **56th National Conference on Radiation Control in Jacksonville, FL, from May 20 – May 23, 2024.** We are already starting to get some great abstracts and suggestions for training at the conference.

Please start looking ahead to join us!

**AAPM QUALITY
MEASURES
ROUNDTABLE**

“With all the changes in imaging technology, obtaining quality imaging with an acceptable dose must remain the number one goal for all patients.”

Rikki Waller

**EXECUTIVE DIRECTOR'S
MESSAGE**



LOTS OF AUTUMN HAPPENINGS

As CRCPD matures as an organization, it is becoming more recognized as a source of information and collaboration.

Both in our work nationally with other organizations on matters of mutual interest and internationally with the International Atomic Energy Agency and the International Commission on Radiological Protection, CRCPD has participated in several events over the past year, especially during the past few months.

International Activities

Our involvement in international activities has increased over the past few years, as highlighted by several events in the past two months.

International Atomic Energy Agency (IAEA)

General Conference: Rikki Waller, our chairperson, represented CRCPD at the **General Conference of the International Atomic Energy Agency in Vienna, Austria**, during the week of September 25-29, 2023. She has reported on the General Conference in her article.

Lisa Bruedigan was asked to participate as one of three subject matter experts in an **IAEA Technical Regional Training event in the Republic of Korea** for training regulators from other countries on developing regulations, licensing, and inspecting linear accelerator devices and facilities.

CRCPD: A SOURCE OF INFORMATION AND COLLABORATION

“Our involvement in international activities has increased over the past few years, as highlighted by several events in the past two months.”

Ruth McBurney

**EXECUTIVE
DIRECTOR'S MESSAGE**

(continued)

CRCPD has also been asked to provide a subject matter expert on **radon testing and mitigation to assist in a Regional Training event to take place in Portugal** in January.

CRCPD is continuing to work with the IAEA and the Nuclear Regulatory Commission on a database that lists non-food commodities containing radiation.

Further discussions are planned to coordinate with the IAEA and the Environmental Protection Agency on food and drinking water safety.

***International Commission on Radiological Protection
(ICRP)***

Annual Meeting of Senior Representatives of Organizations in Formal Relations with ICRP: I was honored to represent CRCPD at this meeting in Bristol, England, followed by two workshops on **Optimization in the System of Radiological Protection Based on the All-Hazards Approach and Effective Communication and Stakeholder Engagement in the System of Radiological Protection**. The meeting of the Special Liaison Organizations focused on two main areas this year, those being to gather feedback from the organizations on the review and revision of the System of Radiological Protection (RP): Progress and Outlook; and a discussion of the Vancouver Call for Action to Strengthen Expertise in RP Worldwide. I provided information based on input from the Board on the first issue, regarding implementation difficulties of any changes to international and national regulatory standards at the state level. For the Vancouver Call to Action, I described how CRCPD was addressing the strengthening of the

LOTS OF AUTUMN HAPPENINGS

ICRP MEETING

"I provided input from the Board... describing how CRCPD was addressing the strengthening of the state radiation control workforce in conjunction with the Nuclear Regulatory Commission and other federal agencies (training opportunities and sharing resources)."

Ruth McBurney

state radiation control workforce in conjunction with the Nuclear Regulatory Commission and other federal agencies (training opportunities and sharing resources).

Collaboration with Other Organizations

Health Physics Society (HPS)

Plans are going forward for **CRCPD and our federal partners to contribute to a special issue of the Health Physics Journal.**

The articles are based on much of the work we have done over the past few years in the areas of x-ray, source security, decommissioning, emergency response, and other regulatory issues. We will let you know when the HP Journal issue is set to be published.

American College of Radiology (ACR)

Lisa Bruedigan, CRCPD Liaison to the ACR, participated in a **Blue Ribbon Panel on Fluoroscopy Safety** on October 2-3, 2023, at ACR headquarters in Reston, VA.

American Association of Physicists in Medicine (AAPM)

Jennifer Elee, CRCPD Liaison to the AAPM, participated as CRCPD's representative to the **Quality Measures Roundtable**, held at AAPM headquarters in Alexandria, VA, on October 20, 2023. Rikki Waller, our Chairperson, also participated virtually. The roundtable's goal was to form a broad consensus about how medical imaging quality and safety can be measured and assured, particularly in CT imaging.

HPS JOURNAL ARTICLES

"Articles are being planned that are based on much of the work we have done over the past few years in the areas of x-ray, source security, decommissioning, emergency response, and other regulatory issues."

Ruth McBurney

*National Council on Radiation Protection and
Measurements (NCRP)*

CRCPD will be participating in the planning and implementation of next year's annual meeting, which will focus on **Advanced and Small Modular Reactors**.

*American Association of Radon Scientists and
Technologists (AARST)*

CRCPD will hold a regulatory session at the upcoming **Radon and Vapor Intrusion Symposium** in Nashville, TN, sponsored by the American Association of Radon Scientists and Technologists. The E-25 Committee on Radon planned and will be participating in that session.

I am really excited about all the collaborative activities we are involved with this year. Together we are seeing improvements in radiation protection in medicine, industry, and the environment, as well as radon risk reduction. Working together, we can also begin to address the radiation protection workforce issues, not only in the United States but internationally.

National Radiation Protection Professionals Week

With National Radiation Protection Professionals Week coming up on November 5-11, 2023, **I hope you all take a moment to celebrate the dedication you have to your careers, even in times of staff shortages and new challenges, and the positive effects that each of you continue to make every day in the protection of the health and safety of our communities and environment.**

**CRCPD'S
COLLABORATIVE
ACTIVITIES**

*"Working together,
we can also begin to
address the radiation
protection workforce
issues, not only in
the United States but
internationally."*

Ruth McBurney

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NATIONAL RADIATION PROTECTION PROFESSIONALS WEEK

Conference of Radiation Control Program Directors, Inc., announces the celebration of National Radiation Protection Professionals Week, November 5 -11, 2023. This year, CRCPD is joined by the Health Physics Society, National Council on Radiation Protection and Measurements and the International Council on Radiation Protection in this declaration. Coinciding with the anniversary of the discovery of x-rays by Wilhelm Conrad Roentgen on November 8, 1895, the week is dedicated to recognizing radiation protection professionals who provide leadership in protecting the public from the hazards of radiation. The dedicated work of these individuals ensures that radiation and radioactive materials are used safely and beneficially in industry, medicine, academia, energy, and government sectors, while protecting the public and environment from adverse effects of excessive radiation exposure. Radiation Protection Professionals provide scientific expertise, training, support, coordination and information to national and international communities regarding prevention of, responses to, and recovery from radiation accidents.



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 by Henri Becquerel, and

WHEREAS: In the late 1890s, Marie and Pierre Curie discovered the new elements polonium and radium, and

WHEREAS: Radioactive Materials and Radiation are a useful and necessary part of our modern world; and

WHEREAS: Acute and low-level radiation exposure is potentially harmful to people; and

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

WHEREAS: Protection of the homeland involves radiation safety, security and response capabilities; and

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

WHEREAS: Radiation Protection Professionals provide scientific expertise, training, support, coordination and information to national and international communities regarding prevention of, responses to, and recovery from radiation accidents; 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 radiation.

NOW BE IT RESOLVED:

That November 5-11, 2023 is National Radiation Protection Professionals Week.

That the week-long 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 5-11, 2023 as National Radiation Protection Professionals Week.

Debrai Wallen

CRCPD Chairperson



SAVE THE DATE!



**56TH NATIONAL
CONFERENCE ON
RADIATION CONTROL
MAY 20-23, 2024
JACKSONVILLE, FL**

Russ Meyer and Ruth McBurney, CHP (CRCPD)

THE “NEW” SPECIAL PERMITS

NEW PERMITS

Special Permits 10656

for return shipments of scrap metal and other metal recycle materials with low levels of radiation

Special Permits 11406

for return shipments of solid waste found to have low levels of radiation

The new special permits have been posted to the CRCPD website and can be found at: <https://www.crcpd.org/page/Transportation>

The long-awaited renewed Special Permits 10656 (for return shipments of scrap metal and other metal recycle materials with low levels of radiation) and 11406 (for return shipments of solid waste found to have low levels of radiation) arrived toward the end of September. The new special permits have been posted to the CRCPD website and can be found at: <https://www.crcpd.org/page/Transportation>

The permits were not changed regarding the regulations from which they allow relief to the users of the permits. Changes were made to the authorization documents only. Changes were made in the order of the sections to reflect a more logical flow of events from the time of receipt to the issuance of the permit. Also, a few additions were made on the authorization documents regarding information requested about the radionuclide(s) found in the scrap or materials in the case of solid waste.

THE “NEW” SPECIAL PERMITS - *continued*

A section was added to include a drop-down box that allowed the radionuclide(s) found in the shipment to be identified for trending information. Another section was added to log departures without a special permit having been issued. We have stories about these, but no idea of how frequently they occur. This will allow us to determine that metric.

We are presently installing a security feature to the authorizations that will protect our fillable forms without interfering with the functioning of the document.

A PowerPoint presentation has been produced that provides guidance in using the new authorization form and will be posted in the Transportation subfolder on the CRCPD home page soon. This will give your staff sufficient time to familiarize themselves with the new guidelines and ask questions. We will arrange to post and answer any questions that we believe would be helpful to all.

We have tentatively set January 2, 2024, to be the day we commence using the new forms. If a change occurs, you will be notified.

AMERICAN COLLEGE OF RADIOLOGY (ACR) BLUE-RIBBON PANEL ON FLUOROSCOPY SAFETY

Lisa Bruedigan (TX)

The American College of Radiology (ACR) hosted a kick-off meeting for a new Blue-Ribbon Panel on Fluoroscopy Safety, October 2-3, 2023, with Lisa Bruedigan representing CRCPD and the Healing Arts Council.

The group consisted of 28 representatives from various stakeholders who utilize fluoroscopy in their daily practice.

The group discussion focused on:

- Historical efforts regarding fluoroscopy safety and gaps in appropriate training.
- Trends in using fluoroscopy in medicine for radiologists and non-radiologists.
- Current radiation safety and quality assurance training, credentials, and privileging for all operators of fluoroscopy systems and any gaps.
- Safety risks to patients, staff, and other providers.
- Actions to improve fluoroscopy safety for patients and users and set minimal expectations for the safe practice of fluoroscopy.

THE INCLUSION OF REPRESENTATIVES FROM SUCH GROUPS AS THESE AND NUMEROUS OTHERS BRINGS A UNIQUE PERSPECTIVE TO THE PROJECT.

American Association of Physicists in Medicine (AAPM)

National Council on Radiation Protection and Measurements (NCRP)

Medical Imaging and Technology Alliance (MITA)

Radiological Society of North America (RSNA)

Image Gently

American Society of Radiologic Technologists (ASRT)

American Registry of Radiologic Technologists (ARRT)

The Joint Commission (JC)

American College of Radiology (ACR)

The group proposed key areas to focus the project, outlined the next steps, and formed working groups to tackle each section.

CRCPD WELCOMES NEW MEMBERS

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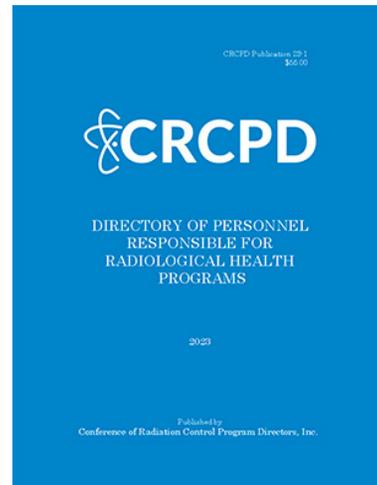
Chris Moore

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MEMBERSHIP
IN CRCPD,
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ONLINE
APPLICATION!**

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DIRECTORY INFORMATION

The Directory of Personnel Responsible for Radiological Health Programs is available online for members and our federal partners and is updated regularly. Visit [CRCPD](#).



CALL FOR NEWS

CRCPD is interested in what you are doing and would like to share your knowledge and experiences with other CRCPD members through a feature article in the *Newsbrief*.

If you would like to submit an article, please contact Ruth McBurney (rmcburney@crcpd.org) suggesting a topic you'd like to present.

The *Newsbrief* is published six times a year, in even numbered months. Deadline for submission is the 15th of the month of publication.

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