



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

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A Partnership Dedicated to Radiation Protection

August 2017

Message from Chairperson David Allard, CHP

CRCPD, a “Bridge Over Troubled Water”

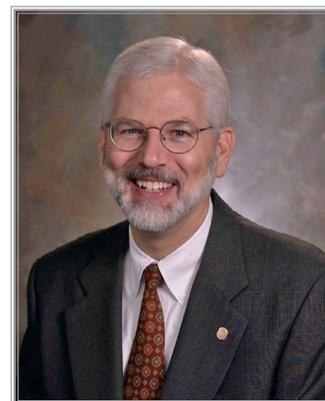
I hope everyone is having a nice summer... sadly, it always seems to go by way too fast.

Nonetheless, your Board has been busy throughout the summer and working closely with our federal and organizational partners.

For example, in addition to our routine Source Collection & Threat Reduction (SCATR) work, you should have received a survey letter as we worked with the US Department of Energy (USDOE) to determine if states have old civil defense Cs-137 calibrators not in use. If your state has any, and the owner is in

need of assistance for removal, please let Alice Rogers (arogers@crcpd.org) know ASAP. **On the materials side, we’ve been**

working closely with the Organization of Agreement States (OAS) to provide the US Nuclear Regulatory Commission (USNRC) with nominations for an Agreement State representative for the Advisory Committee for the Medical Use of Isotopes (ACMUI). It is critical the states have a voice on this important committee.



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Message from Chairperson *(continued)*

Topics of Continuing Involvement

**IEC
Standards**

ROSS

TENORM

**NCRP
Standards**

**USEPA PAG
Manual**

CRCPD, a “Bridge Over Troubled Water” - *continued*

We continue to discuss with the US Food and Drug Administration (USFDA) the potential impact of their use of International Electrotechnical Commission (IEC) Standards for performance standards with x-ray equipment manufacturers.

We're also engaging USFDA on their regulatory requirement for manufacturers of Cone Beam Computed Tomography (CBCT) units to provide quality assurance (QA) phantoms to customers. If your inspectors are finding this isn't the case, please notify Dr. Laurel Burk at the USFDA directly (laurel.burk@fda.hhs.gov and telephone: 301-796-5933). Please copy Bruce Hirschler, CRCPD (bhirschler@crcpd.org) at the CRCPD of that notification. We'll track that information sent to USFDA to ensure follow-up. **Speaking of x-rays, the Monthly Call continues to be a great success and forum for state information exchange and discussion.**

Through Bill Irwin, Federal Emergency Management Agency (FEMA), Centers for Disease Control and Prevention (CDC) and a local Health Physics Society (HPS) chapter's efforts, there will be another Radiological Operations Support Specialist (ROSS) course offered this September in the Atlanta area. **This is an exciting new construct where states can have additional peer support during a radiological or nuclear emergency.**

And as I prepare this article, some of you may be headed to the Organization of Agreement States (OAS) Annual Meeting in Tennessee. Jared Thompson will be representing the Board and providing an update of our activities this past year. There will be many important issues on the table at the OAS meeting, such as source security. **As Jared will note, CRCPD has numerous volunteers engaged in dozens of work groups performing tens of thousands of hours of service for CRCPD and its membership.** I'm sure all would agree this work is a rewarding professional experience. If you're not involved, I hope you will be in the future - as a Working Group member or advisor.

There are many ongoing issues we continue to monitor, including Technologically Enhanced Naturally Occurring Radioactive Material (TENORM), new radiation protection standards and guidance from National Council on Radiation Protection (NCRP), and the implementation of the US Environmental Protection Agency's (USEPA) new Protective Action Guidelines (PAG) Manual. And in addition to the very real possibility of early shut-down of many single unit nuclear power plants, we now have the

→

Message from Chairperson *(continued)*

Workforce & Training

“However, the good news is this, I believe CRCPD can be a ‘bridge’ to help train our new staff.”

David Allard

CRCPD, a “Bridge Over Troubled Water” - *continued*

termination of the V.C. Summer plant that was under construction in South Carolina. In addition to the thousands of workers that were building this plant, **I suspect this will have profound impact on the domestic nuclear industry for many years.**

Now, you’re no doubt wondering, what does Simon and Garfunkel’s classic song ***Bridge Over Troubled Water*** have to do with Radiation Control? In one word, retirements! I see it daily when I look in the mirror—my hair can’t get any whiter, but it is getting thinner! We baby boomers are getting up there in years; all you have to do is look around at all our programs. **We need to continue our planning for the turn-over of our aging workforce.** When I surveyed the CRCPD Directors in 2013 after the National Council on Radiation Protection (NCRP) “Where are the Radiation Professionals?” ([WARP](#)) meeting, the results indicated some 35-40% of the staff in all of our programs would be retiring in a few years. This is our ‘troubled water.’ That’s the bad news.

However, the good news is this, I believe CRCPD can be a ‘bridge’ to help train our new staff. Over the next several months, I’ve asked Cindy Becker (Chair of the General Council) to work with James Stokes (Chair of the G-55 Training Committee) and the Office of the Executive Director (OED) staff, to explore CRCPD setting up a training website on our members only area. **My thought is to have a one-stop shopping area grouped by functional area (i.e., x-ray, radon, materials, emergency response, etc.), with links to American Association of Physicists in Medicine (AAPM), CDC, USDOE, US Department of Transportation (USDOT), USEPA, USFDA, FEMA, USNRC, and other online training webinars and materials.** There are so many well done training webinars and materials on line. I’m hopeful this can be done rather quickly. If you haven’t read the recent related Oak Ridge Institute for Science and Education ([ORISE](#)) reports, they document a continued decline in health physics undergraduate and graduate college/university degree programs and students. This is a disturbing trend that will no doubt continue in the short-term, and impact all of us. **Thus, I see a continuing need to ‘grow our own’ and train new radiological health physics staff.** If you have any thoughts on this, please contact me.

Lastly, keep in mind the 2018 Annual Meeting in SC. The planning has begun for this special 50th anniversary event!

--Dave



Greetings from Your Executive Director



Ruth E. McBurney, CHP

Activities

“...it is a busy time, a time to develop priorities for the Board year, work with federal partners and participate in other conferences dealing with radiation protection issues as representatives of CRCPD.”

Ruth E. McBurney

Summertime Is a Busy Time at CRCPD

Summertime and the living is easy—maybe for some folks, but at CRCPD, it is a busy time, a time to develop priorities for the Board year, work with federal partners and participate in other conferences dealing with radiation protection issues as representatives of CRCPD.

A few new items were added to the Board Priorities under the Strategic Plan for this year. Two of the new activities pertain to the Objective to provide training opportunities for CRCPD members. **Extra emphasis will be given this year on creating methods of making on-line training available to members, including short training webinars developed by CRCPD volunteers and links to other training available from other sites.** We will also be promoting these as they become available through the *Newsbrief* and the monthly x-ray conference calls.

Another area that will be receiving more attention as a Board priority this year is the Objective to assume a leadership role on radiation protection and public policy issues. **As new technologies are developed, it is important for CRCPD to provide guidance to radiation control programs to address the radiation safety issues.** Also under this objective, CRCPD plans to increase input in developing national and international radiation standards and guidance, working cooperatively with our federal and international partners, as well as other radiation protection organizations. **Of course, one area on which CRCPD is being asked to take an active role is the use of International Electrotechnical Commission (IEC) Standards for the manufacture of new x-ray equipment in lieu of the US Food and Drug Administration(USFDA) Performance Standards.** Several of our experts in the x-ray area will be participating in technical groups being established to review these standards.

As shown in other articles in this issue, our liaisons to other organizations and alliances have provided those groups with valuable input from the state radiation control perspective. **During the last two months, our liaisons to the Health Physics Society and the American Association of Physicists in Medicine have attended their meetings and taken part in committee activities at those conferences.**

Another area that has received more attention and planning in the last two months has been the area of radon. In July,

Executive Director

Greetings *(continued)*National Radon
Action Plan

“ The Radon Leaders Workgroup met in Washington, DC, to discuss updates and progress in advancing several of the strategies in the National Radon Action Plan.... ”

Ruth E. McBurney

Summertime Is a Busy Time at CRCPD - *continued*

the Radon Leaders Workgroup met in Washington, DC, to discuss updates and progress in advancing several of the strategies in the **National Radon Action Plan**, specifically:

- Strategy 1.3: Develop research base on the cost-effectiveness of preventive and mitigation actions for radon in energy upgrades, led by Pat Daniels of CRCPD;
- Strategy 2.1: Ensure radon is a priority risk addressed in healthy homes programs and grant-making; and
- Strategy 2.3: Secure direct support from philanthropies, charities and other sources, including governments, to reduce radon risk for low-income Americans at home and school.

The group is also exploring ways that progress on these strategies can be measured. **Statistics from state programs and mitigation services are useful tools in tracking improvements and in updating the radon map of the United States.**

Recently, CRCPD and its partners in the Radon Leaders group exhibited at the National Conference of State Legislatures meeting in Boston. **A new display consisting of a series of pull-up units that spell out RADON has been designed and was used at the conference.** The display received a great response as an eye-catcher. A picture of the new display is shown below. **It is available through the Office of the Executive Director for use at other regional and national meetings.** Let us know if you would like to use them.



Executive Director

Greetings *(continued)*National Radon
Training ConferenceNational
Radon Training
Conference

“Many great speakers on radon topics have been scheduled, as well as Radon Resistant New Construction training....”

Ruth E. McBurney

Summertime Is a Busy Time at CRCPD - *continued*

Furthermore on the radon front, **we are looking forward to the upcoming National Radon Training Conference in New Orleans, LA, October 1-4, 2017.** Many great speakers on radon topics have been scheduled, as well as Radon Resistant New Construction training, so I hope that all states that can do so will send a representative to the conference. For more information go to: <http://www.crcpd.org/events/EventDetails.aspx?id=882978>

Plans are also being made for the 50th anniversary meeting of CRCPD in May 2017 in Charleston. A call for abstracts has recently been sent, so I encourage you to send in a topic if your state program or committee has a new procedure or area of interest that could be shared with the membership at the conference. **Save the date (May 21-24, 2018) and plan to attend!**

FUTURE MEETINGS

**National Radon Training Conference
New Orleans, LA
October 1-4, 2017**

**50th Anniversary Meeting of CRCPD
Charleston, SC
May 21-24, 2018**

**IAEA International Conference
on Radiation Protection in Medicine
Vienna, Austria
December 11-15, 2017**



AAPM Meetings

AAPM will be having a Spring Clinical meeting in Las Vegas, Nevada, on April 7-10, 2018.

Their 2018 Annual Meeting and Exhibition will be held in Nashville, Tennessee, from July 29-August 2, 2018.

CRCPD Exhibits at the 59th Annual AAPM Annual Meeting & Exhibition

by Jeniffer Elee (LA)

CRCPD participated in the 59th Annual American Association of Physicists in Medicine (AAPM) Annual Meeting & Exhibition from July 31-August 3, 2017, in Denver, Colorado. The meeting was held at the Downtown Denver Convention Center. Jennifer Elee, AAPM Liaison and Healing Arts Council (HAC) Chair, represented CRCPD. CRCPD had a booth at the exhibition hall where we displayed information on CRCPD membership, CRCPD medical events, and the AAPM Qualified Medical Physicist (QMP) registry. **The theme of this year's meeting was "Connecting our Pathways, Unifying our Profession."**

In addition to staffing the CRCPD booth, Jennifer represented CRCPD at the AAPM Government Relations Committee meeting as well as met with AAPM leadership regarding CRCPD activities. The meetings were informative and productive. CRCPD and AAPM have many mutual interests. **We discussed the ongoing issues related to access to the International Electrotechnical Commission (IEC) standards and where we go from here.** Both AAPM and CRCPD have agreed to work with the US Food and Drug Administration (USFDA) and Medical Imaging & Technology Alliance (MITA) on these issues and our concerns. Also discussed was the possible reorganization of the AAPM board. This reorganization will be voted on

by the AAPM membership within the next couple of months.

AAPM has once again committed to participating in the CRCPD Annual meeting by providing a training day on Sunday to look at shielding.

AAPM plans to include a "field trip" as part of this training to a local facility. This should be a very exciting day. AAPM also will provide topical training on Monday and speakers as needed for the rest of the meeting. Finally, we have invited several of our old friends from AAPM to participate in our 50th meeting. **We have had a long and fruitful relationship with AAPM over the years, and we hope to see this relationship continue and grow.**

AAPM will be having a Spring Clinical meeting in Las Vegas, Nevada, on April 7-10, 2018. Their 2018 Annual Meeting and Exhibition will be held in Nashville, Tennessee, from July 29-August 2, 2018. We encourage state representatives to attend the AAPM meeting. **AAPM had graciously offered to waive registration fees for a number of attendees at each of these meetings.** I encourage you to take advantage of these opportunities for education. **You may also access all of the training programs which AAPM had put on at the CRCPD meetings on-line.** The link to the training is <http://www.aapm.org/education/VL/>. This is excellent training for your staff.



SAFRON to Include Brachytherapy Events

SAFRON

The Safety in Radiation Oncology (SAFRON) publication dated August 2017 announces that SAFRON will now include brachytherapy, with the International Atomic Energy Agency (IAEA) releasing an updated version. SAFRON was limited to external beam treatment incidents initially. However, recognizing that safety and reporting should apply to all radiotherapy modalities, the change has been made. Treatment methods will now include options such as high dose rate remote afterloader, permanent manual brachytherapy or electronic brachytherapy. SAFRON statistical reports were also updated to incorporate brachytherapy incidents. Statistical reports have been modified to display combined external beam and brachytherapy incidents as well as separate graphs for external beam and brachytherapy incidents.

For more details, including lessons learned and other training information, see <https://rpop.iaea.org/RPOP/RPoP/Content/Documents/Whitepapers/SAFRON-August2017.pdf>.

G-34 Committee on Industrial Radiography

by Beth Schilke (VA), member

ASNT Conference

During the American Society of Non-destructive Testing's (ASNT) conference (June 26-28, 2017), Beth Schilke, the G-34 Working Group ASNT's liaison, gave a presentation on Radiographer Certification and Training. Interested stakeholders present at the conference included a multitude of radiographer company and ASNT representatives.

Specifically, this presentation offered **a review on the process of certifying entities and Agreement States, periodic reviews, and how changes can impact companies.**

An example of the inclusion of on-line training was used to demonstrate this impact to companies. The Working Group's process and current membership concluded this presentation and a request was made for any interested party to express any concerns. The applicability of the on-line portion being limited to satisfy the training portion only and not including allowance for providing the test was addressed with a representative of a master material license.



IAEA International Conference

IAEA to Sponsor International Conference on Radiation Protection in Medicine

The International Atomic Energy Agency (IAEA) will be sponsoring a conference entitled ***International Conference on Radiation Protection in Medicine: Achieving Change in Practice***, during the week of December 11-15, 2017, in Vienna, Austria. We invite any of our members who would like to attend to go. CRCPD has been asked to participate in an

oral presentation. We also have submitted two abstracts for poster presentations, one on the Nationwide Evaluation of X-ray Trends (NEXT) program and one on computed tomography, both of which have been accepted. Lisa Bruedigan (TX) will be presenting these at the conference.

The conference is directed at a wide audience with an interest in radiation protection in medicine. In particular:

- health professionals, e.g. physicians practicing in radiological imaging, nuclear medicine and radiotherapy; referring medical practitioners;
- medical physicists, radiographers and technologists;
- radiation protection professionals and engineers;
- healthcare managers, health economists and risk communication experts;
- representatives of patient organizations and manufacturers;
- health researchers and academics; and
- representatives of health authorities and regulatory authorities with a special responsibility in this field.

More information about the conference can be found at <http://www-pub.iaea.org/iaemeetings/50820/International-Conference-on-Radiation-Protection-in-Medicine>.

CRCPD has been listed as a cooperating organization. Since CRCPD was an invited organization, if there are any members who want to participate in the conference, the directions for registering include sending the participation form through CRCPD for submittal to IAEA.

Call for News

Call for News

Would you like to share some information about your work, or some project or issue that you're involved in?

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.

We welcome your news and photographs, too, if you'd like to share.



New Members August

CRCPD Welcomes New Members

ASSOCIATE MEMBERS

Haley Brown (NV)

Morgan Munera (WA)

Sandra Rosevelt (FL)

Sheetal Singh (CA)

AFFILIATE MEMBER

Bradley C. Hartman, Sr. (TX)

Michael Murphy (IL)

Directory Changes August

Directory Changes

Page 10 - AK - remove Clyde Pearce and insert vacant.

Page 22 - DE - remove David Parker and insert vacant.

Page 34 - IA - remove David R. Myers and insert vacant.

Page 43 - MD - remove Roland Fletcher and insert Eva Nair, Acting Program Manager, email: eva.nair@maryland.gov

Page 67 - NYC - remove Geoffrey Korir and insert Rejina Alam, Chief, phone #: 347/396-6044, email ralam1@health.nyc.gov

Page 93 - TX - insert new email address for the following:

Helen Watkins - helen.watkins@dshs.texas.gov

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Directory Changes August

Directory Changes - *continued*

Page 94 - TX - insert new email address for the following:

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 Karen Verser - karen.verser@dshs.texas.gov

Page 104 - WA - remove David B. Jansen and insert Mikel Elsen, email: mike.elsen@doh.wa.gov

Remove Mikel J. Elsen, Supervisor and insert vacant.



CRCPD Board of Directors

<i>Board position</i>	<i>Name</i>	<i>State</i>	<i>Work Phone</i>	<i>E-mail address</i>
Chairperson.....	David Allard, CHP.....	Pennsylvania.....	717/787-2480.....	djallard@pa.gov
Chairperson-Elect	Karen Beckley, MPA, MS.....	Nevada	775/687-7540.....	kbeckley@health.nv.gov
Past Chairperson	Jared Thompson.....	Arkansas.....	501/661-2173.....	jared.thompson@arkansas.gov
Treasurer	Cindy Becker.....	Florida.....	850/245-4266.....	cindy.becker@flhealth.gov
Member-at-Large.....	Angela Leek.....	Iowa.....	515/281-3478.....	angela.leek@idph.iowa.gov
Member-at-Large.....	Jennifer Elee.....	Louisiana	318/362-5367.....	jennifer.elee@la.gov
Member-at-Large.....	Jeff Day.....	LA Co./CA.....	213/351-7387.....	jsday@ph.lacounty.gov

CRCPD Councils

Environmental Nuclear Council	Karen Beckley (NV) 775/687-7540 kbeckley@health.nv.gov
General Council and Liaisons	Cindy Becker 850/245-4266 cindy.becker@flhealth.gov
Healing Arts Council	Jennifer Elee (LA) 318-362-5367 jennifer.elee@la.gov
Homeland Security/Emergency Response Council	Jeff Day (LA Co./CA) 213/351-7387 jsday@ph.lacounty.gov
Suggested State Regulations Council	Angela Leek (IA) 515/281-3478 angela.leek@idph.iowa.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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