



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

www.crcpd.org

A Partnership Dedicated to Radiation Protection

February 2019

Message from Chairperson Karen Beckley, MPA, MS

The CRCPD Board completed the Agency visits last month—the visits were quite productive. There are many action items that we came away with and will be pursuing to ensure that we are providing appropriate and timely information to the federal agencies that provide support to the CRCPD. For many of you, the actions of the Board go on behind the scenes. **I encourage all of you to participate in Committees, Task Forces and to consider running for Board positions.** It is vital that we continue to collaborate with radiation professionals whenever an appropriate opportunity exists. We are all challenged with replacing staff, training, and keeping up with the day to day activities in our Programs. Please consider volunteering to participate on Committees to strengthen national radiation control, standardize training and provide collaborative opportunities.



In the Board’s discussions with the FDA last month, we discussed 2579 forms. **Please see the article in this issue submitted by the FDA to ensure we are all providing a consistent message.**

I will be representing the CRCPD at the Organization of Agreement States (OAS) meeting next month. Please let me know if you have any updates or comments that you would like for me to share with the OAS Board.

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Greetings from Your Executive Director



Ruth E. McBurney, CHP

SSR Parts C & S

“Our working groups have been quite busy for many months, and we are starting to see end points on their products.”

Ruth E. McBurney

Start of a New Year

It is hard to believe it is already 2019, although we have been in it for over a month now. This is such a busy time for our organization—preparing for election of new Board members, putting final touches on the 2019 annual meeting and keeping up with all the grant activities in which we are involved.

Board Elections

The Nominating Committee is putting together a great slate of candidates for the upcoming Board election, during which state members will have the opportunity to vote for next year’s Chair-Elect and a new Member-at-Large for a three-year term. **I encourage all of you who are sent an electronic ballot to participate in the selection of new members of the Board.**

Working Groups

Our working groups have been quite busy for many months, and we are starting to see end points on their products. **Suggested State Regulations (SSR) Part C, Licensing of Radioactive Materials, is complete and has been sent for federal concurrence; SSR Part S, Requirements for Financial Assurance, is nearing completion, giving states optional language that can be added to require financial assurance on certain sealed sources not already covered in current regulations.**

Nationwide Evaluation of X-ray Trends (NEXT)

In addition, the NEXT Dental Radiography Trifold has been approved by the Board of Directors, and the Dental Radiography Summary Report is out for final review by the Board. The Trifold has been posted to the website and is available online at: https://cdn.ymaws.com/www.crcpd.org/resource/resmgr/docs/next/NEXT_DDS_Trifold_2-3-19.pdf

Executive Director

Greetings *(continued)*

NORM IX Update

NORM IX
Symposium

“...is being planned by CRCPD for September 23-27, 2019, in Denver, Colorado, in association with the International Atomic Energy Agency (IAEA).

Ruth E. McBurney

Start of a New Year - *continued*

Naturally Occurring Radioactive Materials (NORM)

NORM IX Update—**The Ninth International Symposium on Naturally Occurring Radioactive Material (NORM IX) is being planned by CRCPD for September 23-27, 2019, in Denver, Colorado, in association with the International Atomic Energy Agency (IAEA).** Approximately 200 abstracts have been received to date and are being reviewed by the Scientific Committee. Several technical tours will also be included as opportunities to visit NORM facilities in the area. We are excited to be hosting this event in the United States and look forward to a great conference. More information will soon be available online at <https://www.crcpd.org/mpage/NORM9>

National Conference on Radiation Control

2019 National Conference on Radiation Control in Anchorage, Alaska—The annual National Conference on Radiation Control, this year in Anchorage, May 6-9, 2019, is shaping up to be another great meeting. We will have several noted speakers in radiation protection and many updates on the work the committees and task forces have been doing to enhance state programs. There will be several interactive special interest meetings on topics ranging from new Protective Action Guidance (PAG) implementation in the Radiological Emergency Preparedness (REP) states (states located within the 50-mile emergency planning zones of nuclear power plants) to Emerging Medical Technologies. And, as usual, several great training sessions will be presented in conjunction with the Conference. We are also planning an exciting night out on a catamaran so we can have some close-up views of the magnificent glaciers in Blackstone Bay. I hope you can make plans to attend!

Have a wonderful spring,

Ruth



NCRP Update

NCRP Update

by Dave Allard, G-50 Liaison to NCRP

The mission of the National Council on Radiation Protection and Measurements (NCRP) is “to support radiation protection by providing independent scientific analysis, information, and recommendations that represent the consensus of leading scientists.” See NCRP homepage - <http://ncrponline.org/>

As the CRCPD Liaison to the NCRP, I wanted to alert everyone to the NCRP's upcoming annual meeting: ***NCRP Meeting the Challenge at 90: Providing Best Answers to Your Most Pressing Questions about Radiation, April 1-2, 2019, in Bethesda, Maryland.***

There is no registration fee for the meeting, and as always, it should provide informative updates on many areas of radiation protection. An agenda is posted online, with topics covering cosmic ray dosimetry, low-dose epidemiology and radiation standards, radiological/nuclear emergency response, and radioactive waste. See the meeting agenda: https://ncrponline.org/wp-content/themes/ncrp/PDFs/2019/Summary_1-8-19.pdf To register for the event, see <http://civclients.com/ncrp/>

I also want the CRCPD members to be aware of several recent publications from the NCRP. Specifically, recent publications include:

- ***Report No. 178 - Deriving Organ Doses and Their Uncertainty for Epidemiologic Studies (with a Focus on the One Million U.S. Workers and Veterans Study of Low-Dose Radiation Health Effects)***,
- ***Report No. 179 - Guidance for Emergency Response Dosimetry,***
- ***Report No. 181 - Evaluation of the Relative Effectiveness of Low-Energy Photons and Electrons in Inducing Cancer in Humans;*** and [most recently]
- ***Report No. 180 - Management of Exposure to Ionizing Radiation: Radiation Protection Guidance for the United States.***

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NCRP Update - *continued*

NCRP Update

Report No. 180 is an update to Report No. 116 that was published in 1993. Per NCRP, **“there have been advances in knowledge regarding the biological effects of ionizing radiation, particularly relating to cancer. In addition, health effects other than cancer such as cardiovascular disease and cataracts are emerging as potentially important concerns.”**

A recent related NCRP publication is ***Commentary No. 27 - Implications of Recent Epidemiologic Studies for the Linear-Non-Threshold (LNT) Model and Radiation Protection***. This Commentary was discussed at the 2018 annual meeting of the NCRP, and it summarizes around 30 recent radiation epidemiological studies. **Evaluation of these studies noted that about two-thirds support the continued use of the LNT approach for radiation protection.** Also worth mentioning is the ***2016 Commentary No. 26 on Guidance on Radiation Dose Limits for the Lens of the Eye***. This Commentary recommends lowering the lens of the eye dose limit, and though that may not have significant impact on U.S. Nuclear Regulatory Commission (USNRC) or Agreement State materials licensees, it could significantly impact state x-ray registrants performing fluoroscopy.

The NCRP has been providing national radiation protection guidance and standards for 90 years. Their meetings, work groups, reports and other publications should be an integral part of our federal and state radiation protection policies and regulations.

I hope to see you at the NCRP Annual Meeting in April!

Dave



TED-ED ANIMATIONS: “CAN YOU SURVIVE NUCLEAR FALLOUT?”

A five-minute TED-Ed video gives guidance on surviving a nuclear detonation. In her role as National Council on Radiation Protection and Measurements (NCRP) Member, USEPA’s Jessica Wieder and Lawrence Livermore National Laboratory’s Brooke Buddemeier teamed with TED to create the animated video. The video instructs viewers on not only what to do after a nuclear detonation, but why they should do it. The video, launched on January 8, 2019, has been viewed more than 335,000 times. The video describes the impact and effects of a nuclear detonation, and the protocol for survival:

- **Get Inside**
- **Stay Inside**
- **Stay Tuned.**

For the general audience, it describes hazards from the fireball, shockwaves, debris and fallout and explains why staying inside is the best thing to do.

To view the TED-Ed video, visit:

<https://ed.ted.com/lessons/can-you-survive-nuclear-fallout-brooke-buddemeier-and-jessica-s-wieder>



The Future of Form FDA 2579

by Donald L. Miller, MD, FSIR FACR, Chief Medical Officer for Radiological Health,
Center for Devices and Radiological Health, U.S. Food and Drug Administration

Form FDA 2579

FDA has received questions regarding its future intentions with the distribution and collection of FDA Form 2579, "Reports of Assembly." FDA is currently pursuing changes in the regulation; in the interim, FDA is proceeding as follows:

- FDA is NOT discontinuing Form 2579; the form will remain available. FDA will no longer provide paper copies of Form 2579; instead, FDA will post a fillable pdf on its website and make it available for download.
- Assemblers will still be required to complete and sign Form 2579. As before, assemblers will then distribute Form 2579 to both the facility (in which the device was installed) and the state radiological health department (in the state in which the device was installed).
- The assembler will still be required to maintain the form for five years from the date of installation.
- The installer will no longer submit Form 2579 to FDA, either through physical mail or esubmitter.

In brief, the two major changes are (1) Form 2579 will be available in pdf form only, and (2) assemblers will no longer submit the form to the FDA.



CDC Releases Success Stories in Radiation Emergency Preparedness

By Adela Salame-Alfie, Centers for Disease Control and Prevention

CDC Releases Success Stories

Over the last fifteen years of so, many of you have spent some time developing plans, training and exercising how to set up and run a Community Reception Center (CRC) following the guidance provided in the CDC Population Monitoring Guide, the CRC toolkit and many of the other tools available on our website at <https://emergency.cdc.gov/radiation/>.

I am excited to announce that over the last couple of years we embarked on a project to produce some short videos that showcase and highlight some of the programs that have used these products. We hope that this effort will not only promote these products but let other programs know how these products can be used, and at the same time highlight examples of best practices around the country.

The first installment of this effort is a collection of videos with success stories from three states, New Jersey, Tennessee and Georgia, where they talk about how they used our products and showcase some of their many accomplishments. You can find these videos on the CDC radiation emergency website: <https://emergency.cdc.gov/radiation/success.asp>.

We hope that in the near future we can produce more videos highlighting other programs, so please stay tuned.

We want to thank all of you for your ongoing support and feedback as we develop and promote additional tools to help you advance your radiological emergency preparedness and please continue to provide us with feedback on how we can best address your needs in this very important area.



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.



CRCPD Welcomes New Members

New Members January - February

DIRECTOR MEMBERS

Raul Hernandez (PR)
Adrian Howe (NV)
Dale Patrick (ND)
Kaci Studer (IN)

ASSOCIATE MEMBERS

Arghya Banerjee (NH)
Kenneth Cable (AZ)
Tarver Haven (IL)
Michelle Kahoe (NY)
Jessica Maloney (WI)
Simone Maxwell (CT)
Joseph Patricko, Jr., (CA)
Shannon Perry (CT)
Laura Quetshke (CT)
Shannon Quinn (TX)
Elizabeth Rhoe (AZ)
Stuart Torf (CT)
Lee Thomas (FL)
Russell J. Topham (UT)
Jenny L. Wunn (WI)

AFFILIATE MEMBERS

Kristen Bonds (LA)
Cynthia H. McCollough (VA)
Duane Quayle (TN)
Dr. Richard T. Whitman (IN)



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Member-at-Large.....	Jeff Day.....	LA Co./CA.....	213/351-7387.....	jsday@ph.lacounty.gov
Member-at-Large.....	Karen Farris.....	Massachusetts.....	617/242-3035.....	karen.farris@state.ma.us

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Healing Arts Council	Cindy Becker (FL) 850/245-4266 cindy.becker@flhealth.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: Lorie Jewell, 1030 Burlington Lane, Suite 4B, Frankfort, KY 40601 (fax: 502/227-7862; email: ljewell@crcpd.org). The deadline for contributions is the 15th of the month before an issue is to be published.

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