



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

www.crcpd.org

A Partnership Dedicated to Radiation Protection

August 2019

Message from Chairperson Jeff Semancik



As the summer comes to a close, it remains a busy time for the organization. In addition to the move and conference planning, CRCPD continues to focus on our 2019 priorities.

Maintain a Sound Fiscal Plan

Just as we are all dealing with budget challenges and changing priorities in our states and organizations, **CRCPD must respond to changes in federal and grant funding levels as well as changes in our operational costs.** We continuously monitor our organizational cash flow and adjust our expenditures accordingly. **The Board evaluates a range of options and makes the best decisions that support you, our members, in performing your mission of radiation protection as defined in our strategic plan.** We have challenged our Executive Director to reduce

administrative costs and continue to look for other savings. **Ruth has met this challenge by realigning the Office of the Executive Director to maximize efficiency of our resources.** At the same time, Ruth and the Board continue to actively seek new revenue opportunities. I expect

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Message from Chairperson *(continued)*

Funding Challenges

*“New grant
funding
amounts and/
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funds..”*

Jeff Semancik

Focus on Our 2019 Priorities - *continued*

that we will need to make more difficult decisions. For example, we have experienced a dramatic rise in the costs and liabilities associated with running meetings and conferences. At the same time, new grant funding amounts and/or restrictions may limit our use of grant funds. **While CRCPD remains committed to organizing meetings and conferences of the highest professional content, we must operate within our fiscal constraints.**

Assure Activities are in Line with the Strategic Plan

In order to serve the needs of our members, the CRCPD operates to a strategic plan. This November, the Board will meet to review and adjust that strategic plan to ensure that it properly aligns our priorities and activities with our mission and the needs of our members. I will share that plan when it is updated. **If you have any input that you would like to share with the Board before the meeting, please share it with me or Ruth and we will ensure that it is addressed.**

Actively Liaison with Professional Organizations and Federal Agencies

CRCPD continues to be recognized as an effective means to reach the radiation protection community across the country and as a valuable resource for local stakeholder concerns and comments. CRCPD also tries to anticipate membership needs for information. **Some recent examples highlight the value of collaboration--**

- ***Irradiator Source Breach*** - Earl Fordham (WA) provided a briefing on the irradiator source breach in Washington on a recent U.S. Nuclear Regulatory, CRCPD and Organization of Agreement States (NRC/CRCPD/OAS) call. I have received positive feedback from several members that Earl did a great job of providing information about the incident and the response. **He demonstrated how CRCPD members support each other and the broader radiation protection community.**

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Message from Chairperson *(continued)*

ROSS Participation

“Using ROSS to supplement state and local needs, for both exercises and actual events, is the precisely the gap that Bill Irwin (VT), chairing HS-ER-4, has worked to, and succeeded in addressing.”

Jeff Semancik

Focus on Our 2019 Priorities - *continued*

- Radiological Operations Support Specialist (ROSS)*** – The National Guard – U.S. Army North recently conducted an improvised nuclear detonation exercise in Detroit. The date of the exercise, however, conflicted with a previously scheduled nuclear power plant ingestion pathway exercise and challenged the ability of Michigan’s Environment, Great Lakes and Energy (EGLE) emergency response organization to provide radiological subject matter expertise. **EGLE’s Mike Neller was able to leverage ROSS resources through CRCPD to support the exercise.** Angela Leek (IA) stepped up to support the multi-day exercise and ensure the emergency management teams from Michigan incorporated the proper radiological considerations into their response operations. I also had the opportunity to support the exercise as a ROSS at the Detroit Emergency Operations facility. Using ROSS to supplement state and local needs, for both exercises and actual events, is the precisely the gap that Bill Irwin (VT), chairing HS-ER-4, has worked to, and succeeded in addressing.
- Russian Missile Test Failure*** – Following initial reports from media sources about the Russian missile test failure and resulting radiological release, CRCPD recognized that our members may receive inquiries so, we reached out to the National Nuclear Security Administration (NNSA) to get factual information that CRCPD could disseminate to our members in an effort to share a set of consistent facts. They supported us with an assessment from the EPA’s Center for Radiation Information and Outreach that we distributed to our members.
- Cyber and Infrastructure Security Agency (CISA)*** – Recently, we have engaged with the Cyber and Infrastructure Security Agency (CISA). CISA is a new federal agency in the Department of Homeland Security (DHS) that has coordinated with CRCPD through HS/ER-7 under chair John Williamson (FL). Last week, CISA Assistant Director for Infrastructure Security Brian Harrell signed a letter to the CRCPD acknowledging

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Message from Chairperson *(continued)*

CDC Grant

“CRCPD was awarded a CDC grant to facilitate some specific radiation protection activities.”

Jeff Semancik

Focus on Our 2019 Priorities - *continued*

his appreciation for CRCPD’s work and articulating his intention to have CISA’s Regional Supervisor Outreach Coordinators (RSOC) reach out to our director members to discuss ways to improve nuclear and radiological security and resiliency as well as identify and offer resources and services that may be beneficial.

Promote Opportunities for Participation in Committee Activities

CRCPD was awarded a CDC grant to facilitate some specific radiation protection activities. **As usual, our members have risen to the challenge.** Gary Forsee (IL) has taken on the lead to organize a workshop on managing the radiation risks of NORM for the NORM IX conference in Denver, and we have been able to fund several members to attend workshop. I am looking forward to the great session Gary has put together.

CRCPD also is sponsoring a community reception center Train-the-Trainer Workshop in Los Angeles, September 30 - October 1. More on opportunities to participate in this workshop can be found in a separate article in this *Newsbrief* edition. Also, a new committee is being established to develop guidance on respiratory protection during radiological emergencies. Look for the call for volunteers!

Please reach out to me or any Board member with any feedback, questions, suggestions, ideas or needs you may have.

Jeff



Greetings from Your Executive Director



Ruth E. McBurney, CHP

New Office

CRDPD
Office of the
Executive Director

112 E. Main
Street, Suite 1
Frankfort, KY 40601
Ph 502.227.4543
Fx 502.227.7862

Lots of Changes at the OED

Over the last couple of months, there has been a flurry of activity at the CRCPD Office of the Executive Director (OED), with several significant changes. There is an old Chinese proverb which states, "When the winds of change blow, some people build walls and others build windmills." Hopefully, the windmills will appear as a result down the road. This month, I am just reporting on the winds of change.

First of all, we've moved!



The new office location is in downtown Frankfort on Main Street.

We were able to move into office space of similar size to our old location at considerable savings to the organization. We were able to do most of the electronics transfer over a weekend, not to disrupt internet and e-mail service. The staff are still unpacking inside, but I have included a picture of the outside of the building, so you can get a bird's eye view of the new space.

Along with the move, we also have a new phone system that should make it easier to set up conference calls—at no additional charge.

More cost savings!

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Executive Director

Greetings *(continued)*New Executive
Office ManagerMendy
Cremeans

“Many of you have already met her at conferences or at the office. We are excited to have Mendy in this new role at CRCPD.”

Ruth E. McBurney

Lots of Changes at the OED - *continued****The next change is in personnel at the office.***

Lorie Jewell, our Executive Office Manager, has recently left Kentucky to head back to the Washington, DC, area and has accepted a position there.

Effective August 26, 2019, Mendy Cremeans became our new Executive Office Manager. Mendy has been CRCPD’s accountant for about three and a half years, during which time she has become familiar with the organization and its members. Many of you have already met her at conferences or at the office. We are excited to have Mendy in this new role at CRCPD.

Over the next few months, we will be making a few more changes at OED in an effort to meet the electronic communication needs of the members and working groups and to streamline operations. Please pardon our dust as we are renovating!

In addition to all the changes at OED, there are lots of activities and opportunities for interaction and training this fall—

National Radon Training Conference

The National Radon Training Conference is just around the corner on September 9-11, 2019, at the Grand Hyatt in Denver, Colorado. I think we are going to have a great turnout this year and an excellent technical program is planned, along with two concurrent Building Technical Capacity training sessions. More information can be found in an article in this edition of the *Newsbrief*.

Executive Director

Greetings *(continued)*

Stay Engaged

“I hope you will continue to stay engaged with CRCPD and its activities toward assisting state programs carry out their mission of radiation protection.”

Ruth E. McBurney

Lots of Changes at the OED - *continued*

9th International Symposium on Naturally Occurring Radioactive Material (NORM IX)

We are in the midst of final planning for the NORM IX Symposium, which will be held in Denver, Colorado, September 23-27, 2019, with a couple of workshops being held on Sunday, September 22. We have included the latest press release on NORM IX in this *Newsbrief* edition. For more information, including the draft final program, hotel and registration, go to <https://www.crcpd.org/mpage/NORMIX>. I hope to see many of you there!

Population Monitoring Train-the-Trainer Workshop

A Population Monitoring Train-the-Trainer Workshop is being held in Los Angeles, California, at the Los Angeles County Health Department on September 30 – October 1, 2019. Through a grant with the Centers for Disease Control and Prevention (CDC), CRCPD will conduct the workshop for state and local health departments and Medical Reserve Corps units, as well as other volunteer organizations, involved in training local staff and volunteers on emergency preparedness, and in particular, population monitoring and community reception center operations. More information on this workshop also is found in this edition of the *Newsbrief*.

I hope you will continue to stay engaged with CRCPD and its activities toward assisting state programs carry out their mission of radiation protection.

Best wishes to you all!



PRESS RELEASE

NORM IX Symposium

The Ninth International Symposium on Naturally Occurring Radioactive Material (NORM IX) will be held in Denver, Colorado, September 22 - 27, 2019. See the agenda at <https://www.crcpd.org/mpage/NORMIX>

CRCPD, in cooperation with the International Atomic Energy Agency, is organizing the Symposium, which will include presentations, posters, training and roundtable sessions from industry representatives, scientists, regulators and other stakeholders. Representatives from more than 50 countries plan to attend.

The NORM IX Symposium will address a broad spectrum of issues related to radioactivity in industrial wastes, including controlling radiation exposures to the public and workers, waste management approaches, liabilities arising from mismanagement in oil and gas exploration and production, rare earth and other mineral production, water/wastewater treatment, coal ash, and phosphogypsum production. On Wednesday, the 25th, CRCPD will host a workshop on NORM in the oil and gas industry.

Unlike radioactivity from the nuclear fuel cycle that is highly regulated, management of NORM is not comprehensively regulated at the federal level, making this a topic of particular interest to state regulators and radiation safety professionals.

For registration, conference agenda and other information, visit the Symposium website at www.crcpd.org/normix, or contact normix@crcpd.org.

Location: Embassy Suites Downtown Denver Convention Center. The Embassy Suites is located at 1420 Stout Street, Denver, CO 80202.



CRCPD Announces Train the Trainer Workshop on Population Monitoring

Train the Trainer Workshop on Population Monitoring

A Population Monitoring Train-the-Trainer Workshop is being held in Los Angeles, California, at the Los Angeles County Health Department on **September 30 – October 1, 2019**.

Through a grant with the Centers for Disease Control and Prevention (CDC), CRCPD will conduct the workshop for state and local health departments and Medical Reserve Corps units, as well as other volunteer organizations, involved in training local staff and volunteers on emergency preparedness, and in particular, population monitoring and community reception center operations.

This workshop will serve as a pilot to test training materials that have been developed by CRCPD and CDC and will include both presentations and hands-on demonstrations and activities.

1. The first day will be dedicated to the workshop itself, with the elements of what a trainer would need to know to train others in population monitoring.
2. The next half day will include interactive discussion on the content of a training program and any gaps or new or modified modules that might be needed to make the training better.

Funding is available for travel to the workshop and there is no registration fee. If you or any of your staff are involved in training people in population monitoring or plan to be, and are interested in attending, contact Tanya Ridgle at Tanya.Ridgle@cdph.ca.gov, or Ruth McBurney at rmcburney@crcpd.org.



EPA and NRC Publications

In August, EPA published the revised *Federal Guidance Report No. 15 (FGR 15)*.

This report provides dose coefficients for external exposure to radionuclides in air, water and soil. Though it was initially published in 2018, *FGR 15* was temporarily removed from the web while corrections were made to dose coefficients for soil. The report is available on EPA's website: <https://www.epa.gov/radiation/federal-guidance-report-no-15-external-exposure-radionuclides-air-water-and-soil>.

**Contact:
Stefanie Gera Bacon
U.S. Environmental Protection Agency
Radiation Protection Division
Center for Radiation Information and Outreach
(202) 343-9063 | Bacon.
Stefanie@epa.gov**

The National Council on Radiation Protection and Measurements (NCRP) has published *Commentary No. 28: Implementation Guidance for Emergency Response Dosimetry*. The link to the announcement is https://ncrponline.org/wp-content/themes/ncrp/PDFs/Product-attachments/28/Comm_No_28_overview.pdf

The document is intended for emergency managers, planners and responders who will develop a plan to implement the dose tracking recommendations in *NCRP Report No. 179* during a radiological or nuclear incident.

To obtain a copy of the publication, visit <https://ncrponline.org/?s=commentary+28>



51st National Conference on Radiation Control**National Conference
Call for Papers****“2020 Vision for the Future”**

You are invited to present a paper at the **52nd Annual National Conference on Radiation Control that will be held in Williamsburg, Virginia, May 4-7, 2020**. The Theme of the 2020 Annual Conference is “2020 Vision for the Future.”

We have had some exceptionally written papers presented in the past and encourage you to share your experiences with your colleagues. As technologies advance, we all struggle to meet the requirements of our programs and our stakeholders. Please consider sharing challenges you have faced.

If you are interested in presenting a paper, please submit your topic, preference for oral or poster presentation, and a brief summary (in a couple of sentences) to Ruth McBurney (rmcburney@crcpd.org) at the Office of Executive Director, no later than **October 31, 2019**, for consideration by the Technical Program Planning Committee.

The Technical Program Planning Committee will be meeting on November 22, 2019, to plan the 52nd National Conference on Radiation Control.

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

Thank you, Karen Beckley

Chair, Technical Program Planning Committee



AAPM holds its Annual Meeting in San Antonio

by Jennifer Elee (LA)

AAPM Annual Meeting

“Building Bridges. Cultivating Safety. Growing Value.” was the theme for the recent American Association of Physicists in Medicine (AAPM) meeting in San Antonio, Texas. CRCPD was able to send several representatives to the meeting. The State of Texas also took advantage of AAPM’s state registration program and sent over forty-five staff members for training!



Texas Radiation Control Staff

Jennifer Elee, CRCPD’s liaison to AAPM, John Winston and Lisa Bruedigan were all able to attend several meetings which were held in conjunction with the AAPM meeting. These meetings included Government Relations, local Chapter, and Regional organization Committee meetings; workgroup meetings on Incident Narratives, Radiation Oncology-Incident Learning System (RO-ILS), cone beam CT, fluoroscopy, International Electrotechnical Commission (IEC) standards; and an ad-hoc committee meeting on fetal and gonadal shielding. Jennifer and John also meet with the AAPM executive board. Some of the topics covered were:

- training at the 2020 CRCPD meeting;
- IEC challenges;
- Qualified Medical Physicists (QMP) registry;
- suggested state regulations; and
- gonadal shielding statement.

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AAPM holds its Annual Meeting in San Antonio - continued

AAPM Annual Meeting

The CRCPD H-46 Committee also met at the AAPM meeting. The committee was joined by Debbie Gilley with International Atomic Energy Agency (IAEA). The group met to complete charts intended to walk regulatory staff through the process to register/license new technologies. The committee has completed the chart for diagnostic radiology and it has been forwarded to the CRCPD Board for approval. Once approved, it will be available on the CRCPD website for download. At this meeting, the group began work on both a version for therapy and for nuclear medicine.



John Winston and Jennifer Elee

CRCPD once again had a booth in the exhibit hall. The booth highlighted the SCATR program and the Medical Physicist Registry. Over the four day period, the booth attracted many visitors.



Patient Gonadal and Fetal Shielding - Where does CRCPD stand?

by Angela Leek (IA), Radiation Control Program Director
CRCPD Board Member - Suggested State Regulations Council Chair

Patient Gonadal and Fetal Shielding

Back in April 2019, the American Association of Physicists in Medicine (AAPM) released a new position statement that said patient gonadal and fetal shielding is unnecessary during x-rays and should no longer take place.¹ This position statement has ignited discussion surrounding this long-standing standard of radiation protection in diagnostic imaging, as well as confusion within the regulated community on whether the practice of shielding patients is still required or not.

The AAPM position on patient gonadal and fetal shielding has been endorsed by the American College of Radiology (ACR),² and the reasoning for discontinuation of shielding practice was outlined in an April 2019 article in the *American Journal of Roentgenology* (AJR).³ However, other organizations such as the American Society of Radiologic Technologists (ASRT) have hesitated in endorsing this proposal and asked for more discussion prior to implementing such a change.

Currently, CRCPD's *Suggested State Regulations (SSR) Part F* does not specifically require the use of patient gonadal or fetal shielding and generally requires "a sufficient number of protective apparel and shields" to be available for all patients. Further, *SSR Part F* states that any protective measures employed should be considered across all clinical indications and be commensurate with the needed diagnostic information. However, some states have not adopted the language in the most recent *SSR Part F* version and may specifically require patient gonadal or fetal shielding in their respective state regulations.

The National Council on Radiation Protection (NCRP) also has chartered a review of this issue under SC 4-11 and is expected to release recommendations based on scientific evidence that will advise any necessary changes to existing regulations. The CRCPD Board continues to monitor discussions and plans to await the recommendations from NCRP before proceeding with an official position statement or revision to the existing *SSR Part F*.

1 <https://www.aapm.org/org/policies/details.asp?id=468&type=PP¤t=true>

2 <https://www.acr.org/-/media/ACR/NOINDEX/Advocacy/Advocacy-News/ACR-Endorsement-of-AAPM-Position-Statement-on-Patient-Gonadal-Fetal-Shielding-May2019.pdf?la=en>

3 <https://www.ajronline.org/doi/10.2214/AJR.18.20508>



PRESS RELEASE (Washington, DC)

Recycling and Radiation Control Industries Join with Indiana Department of Homeland Security to Promote Radiation Safety**CRCPD Welcomes New CRCPD Members**

Undetected radioactive material can have severe consequences in a scrap yard. In an effort increase awareness around radiation safety, the Institute of Scrap Recycling Industries (ISRI), in collaboration with The Conference of Radiation Control Program Directors (CRCPD) and the Indiana Department of Homeland Security (IDHS), today released an educational video to help recycling workers in identifying radioactive sources, isolating the material, and notifying the proper authorities.

“This video not only educates scrap workers on how to handle radioactive material in the event they come across it, but also serves as a reminder of the constant need to stay vigilant in examining the material entering a facility. This is an inherent part of building upon safety as a core value within the recycling industry,” said Robin Wiener, president of ISRI. “Partnering with CRCPD and IDHS only helps to raise awareness for worker safety both in and outside the industry.”

The message in the video provides a simple and easy way to remember how to properly handle potential sources of radiation. It also emphasizes the importance of staying prepared, planning, and training staff to react if ever needed.

“Knowing how to act and react if the alarm sounds is important in these situations,” said Ruth McBurney, CHP, CRCPD Executive Director. “We are here to help America’s recyclers to educate their employees and managers about the right way to respond to potential sources of radiation, and the CRCPD is pleased to share their technical expertise in developing this video”

ISRI also has other resources available for recycling professionals on the topic of radiation safety, including Radiation Awareness Flashcards. Recyclers with questions on radiation safety can contact ISRI’s safety team.

Source: August 23, 2019 <https://www.isri.org/news-publications/press-releases>



29th National Radon Training Conference**National Radon Training
Conference****29th National Radon Training
Conference****Hyatt Regency Grand****Denver, Colorado****September 9 – 11, 2019*****Just a Reminder to Register Now!***

Registration and hotel information is now available for the 29th Annual CRCPD National Radon Training Conference in Denver, Colorado, September 9-11, 2019 at <https://www.crcpd.org/events/EventDetails.aspx?id=1194740> Be sure to register for the conference on this site.

Unfortunately, due to new grant restrictions, CRCPD will no longer be able to host any "night out" events. Fortunately for us, the American Association of Radon Scientists and Technologists (AARST) has kindly offered to let us and our spouses participate in their pre-conference courses and social events at this year's symposium. To view a list and register for the AARST pre-conference courses go to <https://internationalradonsymposium.org/education/>



CRCPD Welcomes New Members

New Members July - August

DIRECTOR MEMBER

Adriane Howe (NV)

ASSOCIATE MEMBERS

Corey Creveling (NV)

Kenneth B. Evans (NV)

Conrad Greeff (NV)

Kevin Kunder (FL)

AFFILIATE MEMBERS

Scott Yaoubian (AR)

Michael Brightwell (NJ)

Directory Changes July - August

Page 23 – FL – Remove Paul Pavlick, Manager Jacksonville Area Inspection Office and add Ken Barnhart, Manager, Northern Field Inspection Office

Page 23 – FL – Lisa Perazzelli – Remove Miami Area Inspection and Add Southern (Miami/Dade) Field Inspection Office

Page 46 – MI – Remove Department of Environmental Quality and Michigan Department of Environmental Quality – Add Michigan Department of Environment, Great Lakes and Energy

Page 63 – NYSDEC – Remove Daniel Evans, Acting Chief add Ann Marie Gray as Chief

Page 64 – NYCDEC Remove Ann Marie Gray and contact information add Vacant



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 Board of Directors

<i>Board position</i>	<i>Name</i>	<i>State</i>	<i>Work Phone</i>	<i>E-mail address</i>
Chairperson.....	Jeffrey D. Semancik.....	Connecticut.....	860/424-4190.....	jeffrey.semancik@ct.gov
Chairperson-Elect.....	Kimberly Steves.....	Kansas.....	785/296-4359.....	kim.steves@ks.gov
Past Chairperson.....	Karen Beckley, MPA, MS.....	Nevada.....	775/687-7540.....	kbeckley@health.nv.gov
Treasurer.....	Mary Ann Spohrer.....	Illinois.....	217/524-3504.....	maryann.spohrer@illinois.gov
Member-at-Large.....	Angela Leek.....	Iowa.....	515/281-3478.....	angela.leek@idph.iowa.gov
Member-at-Large.....	Karen Farris.....	Massachusetts.....	617/242-3035.....	karen.farris@state.ma.us
Member-at-Large.....	Karen Tuccillo.....	New Jersey	609/984-7443.....	karen.tuccillo@dep.nj.gov

CRCPD Councils

Environmental Nuclear Council	Karen Tuccillo (NJ) 609/984-7443 karen.tuccillo@dep.nj.gov
General Council and Liaisons	Karen Farris (MA) 617/242-3035 karen.farris@state.ma.us
Healing Arts Council	Mary Ann Spohrer (IL) 217/524-3504 maryann.spohrer@illinois.gov
Homeland Security/Emergency Response Council	Kim Steves (KS) 785/296-4359 kim.steves@ks.gov
Suggested State Regulations Council	Angela Leek (IA) 515/281-3478 angela.leek@idph.iowa.gov

The Newsbrief is published in February, April, June, August, October, and December by the Office of Executive Director, Conference of Radiation Control Program Directors, Inc., 1030 Burlington Lane, Suite 4B, Frankfort, KY 40601. Telephone: 502/227-4543; fax: 502/227-7862; Web site: <www.crcpd.org>.

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.

The opinions and statements by contributors to this publication, or attachments hereto, are not necessarily the opinions or positions of CRCPD. The mention of commercial firms, services, or products in the Newsbrief is not to be construed as either an actual or implied endorsement of such firms, services, or products by CRCPD.

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