



Conference of Radiation Control Program Directors, Inc.

# NEWSBRIEF

[www.crcpd.org](http://www.crcpd.org)

A Partnership Dedicated to Radiation Protection

August 2015

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



As I write this, I am preparing to present on CRCPD activities at the Organization of Agreement States (OAS) Annual Meeting in Boston. I am going to tell the OAS about the 8,877 hours our 1,000 members put into working groups that help mold our nation’s capabilities to protect workers, patients and the public from radiation. **I am going to share with them the many accomplishments born of our partnerships** with the:

- American Association of Physicists in Medicine (AAPM);
- American College of Radiology (ACR);
- American Society for Radiation Oncology (ASTRO);
- Department of Energy (DOE);
- Environment Protection Agency (EPA);
- Food and Drug Administration (FDA);
- Federal Emergency Management Agency (FEMA); and
- Nuclear Regulatory Commission (NRC).

**“1,000 members volunteered 8,877 hours into working groups that help mold our nation’s capabilities to protect workers, patients and the public from radiation.”**

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## Message from Chairperson *(continued)*

### Accomplishments

*"This is just  
a summary.  
I could go  
on. When I  
do, it is with  
tremendous  
pride."*

William Irwin

### These accomplishments include:

- Two national conferences;
- Four new sets of Suggested State Regulations for the Control of Radiation:
  - \* F for x-ray;
  - \* T for transportation;
  - \* U for uranium; and
  - \* V for Category 1 and 2 source protection;
- The TENORM report;
- Participation in fifteen national and international meetings;
- Comments on proposed changes to 10 CFR 20 and 61;
- The revision of Federal Guidance Report 14 on diagnostic and interventional x-ray;
- Selection for, and distribution of, dozens of Radiation Response Volunteer Corps grants;
- Providing Radiological Operations Support Specialists and exercise evaluators to three national level exercises;
- Starting to trend medical events from radiation machines;
- Coalescing partnerships to help us deal with imported consumer products containing radioactivity;
- Preparing to publish the results of the latest Nationwide Evaluation of X-Ray Trends in dental radiography;
- Expanding the role of RadResponder from field survey and sampling data collection tool to laboratory analytical results management application; and
- Evaluating possible solutions to emerging issues like proton therapy, superficial electronic brachytherapy, alternative irradiators and limited radiochemistry lab capacity.

This is just a summary. I could go on. When I do, it is with tremendous pride. **It is a great privilege to represent the CRCPD, an organization that gives and accomplishes so much.**

## Message from Chairperson *(continued)*

### Strategic Planning Meeting

*“When the day started, we had a full page of issues we wanted to address. When we finished, we had some great ideas to help us ensure we use our resources most effectively to meet our priorities for the coming year and beyond.”*

William Irwin

I also am just finishing up from an **all-day strategic planning meeting with Executive Director Ruth McBurney and the Board.** What a great day it was. There is a picture of the group at work.



**Strategic Planning Meeting**

Identification Left to Right:

Board Members, Aaron Gantt, Jennifer Elee, Ken Yale, Bill Irwin, Mike Snee, Jared Thompson, and Executive Director, Ruth McBurney

When the day started, we had a full page of issues we wanted to address. When we finished, we had some great ideas to help us ensure we use our resources most effectively to meet our priorities for the coming year and beyond. On the following page, I have listed some of them.

**I am excited about working on these improvements with many of you.** If the ideas above remind you of an idea of your own, please let me know. I can be reached at [William.irwin@vermont.gov](mailto:William.irwin@vermont.gov).

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## Message from Chairperson *(continued)*

### Strategic Planning Ideas

*“I am excited about working on these improvements with many of you. If the ideas above remind you of an idea of your own, please let me know. I can be reached at [William.irwin@vermont.gov](mailto:William.irwin@vermont.gov).”*

William Irwin

Strategic planning and ideas to help us ensure we use our resources most effectively to meet our priorities for the coming year and beyond:

- **Creating a catalog of training resources** our members have told us they need for their staff;
- **Developing high quality training to fill gaps** in that training catalog and making it convenient for the professional development of state staff;
- **Routine screening of the NRC’s Review Summary Sheets for Regulation Amendments (RATS)** to generate faster drafts of revised suggested state regulations;
- **Posting an archive of past member survey** results so members can see what methods others are using to solve shared challenges;
- Evaluating our working groups to **confirm we are investing people’s time and ideas where their talents will yield the best outcomes;**
- **Incorporating a Working Group (WG) Spotlight page on the CRCPD website** so members can easily see what each WG does;
- **Providing a one-page working group member how-to guidance sheet** with hot links to forms and other tools;
- Identifying Board actions to **put recommendations of the TENORM report into action;** and
- Creating a special committee to **evaluate the impacts that might accompany federal adoption of International Electrotechnical Commission standards for x-ray devices.**



## Greetings from Your Executive Director



Ruth E. McBurney, CHP

### Labor Day Remembrances

*“I am reminded of the contributions that workers in CRCPD and our partnering federal agencies have made to reducing the threat of intentional or inadvertent misuse of radioactive material....”*

Ruth E. McBurney

### CRCPD: Reducing and Responding to Radiological Threats

Labor Day was established as a tribute to the contributions workers have made to the strength, prosperity, and well-being of their country, and since 1887 has been celebrated on the first Monday of September. As we approach the 128<sup>th</sup> anniversary of the move of Labor Day to that time of the year and the 14th anniversary of the events of September 11, 2001, **I am reminded of the contributions that workers in CRCPD and our partnering federal agencies have made to reducing the threat of intentional or inadvertent misuse of radioactive material** that could be diverted through negligence, non-compliance with license requirements, loss, or theft.

Since 1998, CRCPD has operated an **Orphan Source Program**, under cooperative agreements with federal agencies (Environmental Protection Agency and now the Nuclear Regulatory Commission). **This program funds the disposition of radioactive material that is discovered in scrap metal, municipal waste or otherwise abandoned, is not traceable to a responsible party, and does not qualify for any other government program.** In addition, we have, under cooperative agreement with the Department of Energy, operated the **Source Collection and Threat Reduction Program**, which provides financial and administrative assistance in disposing of disused sources that have a commercial disposal option. **This program has assisted with the disposal of approximately 14,000 disused sources since its inception in 2007.**

In preparing for response to radiological threats, particularly as they relate to radiological dispersal devices (RDD) and improvised nuclear devices (IND), CRCPD has worked with several federal agencies to develop several aids for emergency preparedness, including, but not limited to:

- RDD Handbook for First Responders (2006)
- Tool Box for Response to IND/RDD
- Involvement of Radiation Professionals as Volunteers in Population Monitoring Activities
- National Alliance for Radiation Readiness (Charter member organization)
- Environmental Data Sharing. Although this project mainly came about as a result of the need to share data from an international event, it is a useful tool for all radiation emergencies.

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## Executive Director

### Greetings *(continued)*

#### Continuing Efforts

***“We will continue to explore ways to assist in the disposition of disused and orphan sources and explore the use of alternate technologies to high-risk radiation sources and assure security for those still in use.”***

**Ruth E. McBurney**

- Development and participation in the Radiological Operations Support Specialist (ROSS) program

As we go forward, we will continue to explore ways to assist in the disposition of disused and orphan sources and explore the use of alternate technologies to high-risk radiation sources and assure security for those still in use.

On the emergency response front, **CRCPD is gathering information for sharing with the states on radiological assessment capabilities and tools, as well as an assessment of the fixed and mobile laboratory capabilities and capacity for analysis of radiological samples.** This will be combined with federal lab capabilities to achieve an overall picture and the ability to rapidly send samples as a result of an emergency to other places in the country for analysis. In addition, CRCPD will be working with the Department of Homeland Security and the Federal Radiological Monitoring and Assessment Center (FRMAC) to further develop the ROSS concept for technical support during emergencies.

As we come upon these two notable dates, **our members should be particularly proud of the contributions you have made to the strength and well-being of your country.**

***I wish you all a Happy Labor Day!***





## CRCPD Offers Radiation Response Volunteer Corp Grants in Final Grant Year

Soon starting the 5<sup>th</sup> year of the cooperative grant with the Centers for Disease Control and Prevention (CDC), CRCPD is pleased to **offer Radiation Response Volunteer Corp (RRVC) grants in amounts not to exceed \$24,999 per recipient.**

### Radiation Response Volunteer Corps Grants

**The primary goal of the project is to promote development of self-sustaining volunteer emergency response programs that include volunteer radiation protection professionals.**

This project addresses use of volunteer radiation professionals working with state and local governmental radiation control and emergency

response agencies specifically for purposes of population monitoring and public shelter needs during radiological/nuclear events. The specific objectives for the project are to:

- **raise awareness of the benefits and necessity of using volunteer radiation professionals** to assist state and local authorities with population monitoring activities during a radiological emergency;
- **expand existing volunteer recruitment activities to include volunteer radiation professionals** for use in population monitoring activities and shelter needs during a radiological event; and
- **develop or enhance collaborations among volunteer radiation professionals** and existing health volunteer programs through planning, training and exercising.

State, local and non-profit recipients of previous grants are located in the states of **Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Kansas, Kentucky, Minnesota, Mississippi, Missouri, North Carolina, Ohio, Tennessee, Texas, Virginia, New York and Washington.**

Because this is the final year of the grant opportunity, each project must be completed by **early September 2016.**

See the Request for Proposal at <http://www.crcpd.org/RRVC/RFP-RRVCJune2013.pdf>

For further information, contact Ruth McBurney at [rmcburney@crcpd.org](mailto:rmcburney@crcpd.org) or Alice Rogers at [arogers@crcpd.org](mailto:arogers@crcpd.org).



## DOT Special Permits Renewals

*“Things change  
and the permits  
are not static;  
they must  
change to  
accommodate  
the changing  
environment  
of the waste  
industries and  
regulatory  
oversight.*

*We would  
appreciate  
hearing from  
you.”*

Russ Meyer

## DOT Special Permits

by Russ Meyer

The special permits (SP) are once again due for renewal. SP-11406 (for solid waste) is already in the renewal process and we will soon receive the advance notification for the renewal of SP-10656 (for scrap facilities). Although SP-10656 is the more frequently used permit, SP-11406 may be seeing more use as the result of oil and gas exploration. **If you have suggestions for modifications, now is a good time to make them.** Things change and the permits are not static; they must change to accommodate the changing environment of the waste industries and regulatory oversight. If you have suggestions for modifying SP-11406, we would appreciate hearing from you. Those of you in the states or near them where the oil and gas business is booming, in spite of temporary drops in oil prices, may have good reason to want to see changes.

**At the suggestion of the Office of Hazardous Materials Special Permits Approvals (OHMSPA), we plan to delay any requests for modifications until the permits are renewed.** In the interim, CRCPD would request that you all please remember to be good neighbors to those states that are contiguous and those that are not so much so. Before you issue an SP for shipment to a state other than the state of origin, verify with the receiving state that it is in accord with the material going to a facility in its jurisdiction.

In addition, CRCPD would like to remind users of the permits that Section 8 d. of the permits states the following:

*The CRCPD must provide a listing of all of the Radioactive Material Control Officials operating under the terms of this special permit to OHMSPA. The listing must be updated within 90 days when there is a change in any of (those) State Radioactive Material Control Officials.*

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**DOT Special Permits  
Comments**

*Please take  
some time in  
the next couple  
of months to  
review your  
experience with  
the special  
permits and  
send comments  
to Russ Meyer,  
[rmeyer@crcpd.org](mailto:rmeyer@crcpd.org).*

**DOT Special Permits** - *continued*

In order for CRCPD to comply with this requirement, **we need to be timely informed of any changes in the personnel each program has trained and is using to issue authorizations.** Please make this a priority for your programs. It has been a long time since CRCPD has received any notification of a change in these personnel.

Please take some time in the next couple of months to review your experience with the special permits and formulate any recommendations you have regarding their modification. Both permits should be renewed by the **end of January 2016.**

Please send comments and requests for modifications to CRCPD at least by that time. Send these by email to Russ Meyer, [meyer@crcpd.org](mailto:meyer@crcpd.org).

**MORE TO COME!**



## ROSS Experience at the Southern Exposure 2015 Exercise

by Ken Yale

### ROSS & Southern Exposure 2015 Exercise

I participated as a Radiological Operations Support Specialist (ROSS) during Southern Exposure 2015, the largest Federal Field Exercise since the Fort Calhoun Exercise in the early 90's. **This was the first time the ROSS concept was implemented during a nuclear power plant scenario.**

At the exercise in South Carolina, during the week of July 20th, I worked with an incident management team (IMT) from the South Carolina Forestry Department whose members were tasked with managing radiological field monitoring operations. Also I also helped the IMT integrate with the Federal Radiological Monitoring and Assessment Center (FRMAC) and assisted the State of South Carolina as needed.

Over the course of the three day exercise, along with several other tasks, I:

- observed as the Mobile Operations Center (MOC) facility was set-up and participated when federal assets and Incident Management Team (IMT) became involved;
- provided an introduction to the ROSS concept and also made recommendations and assisted the Operations Section Chief with tracking the field monitoring teams and plant conditions; and
- introduced the IMT to the ROSS concept and briefed them on the activities that had already occurred.

**I applaud the State of South Carolina for taking on so many things in one exercise.** The exercise planning team was well prepared and able to keep hundreds of people in multiple locations engaged for several days.

This article highlights my observations and recommendations and identifies challenges the exercise presented that will need further resolution. The learning opportunities from an exercise of this scale are unlimited. The coordination and exchange of information among such large groups far exceeds anything in a normal event. Bringing such large groups together is not without challenges. **The entire exercise proved that not only is a ROSS an asset during a nuclear power plant response, multiple ROSS positions could be staffed to provide support in several locations.** The integration with the IMT also demonstrated how a ROSS can work within the Incident Command Structure to support those with little or no radiological experience.

For further detailed information about the day-to-day experiences of the ROSS in this exercise, contact me and I'll be glad to discuss them with you.

## ROSS Experience at the Southern Exposure 2015 Exercise - cont'd

### Observations, Recommendations and Challenges

#### Observations and Recommendations

- Additional liaisons would be useful so the Operations Section Chief could focus on managing the ongoing field operations.
- States will need a good organizational structure to help manage the federal resources when they arrive, possibly outnumbering state participants and taking action without state input.
- Testing the ROSS concept during a nuclear power plant exercise that is not being evaluated by FEMA as part of the state's biennial requirements would allow the ROSS to fully integrate without the risk of impacting the FEMA evaluation.
- Expanding the ROSS concept to a ROST (Radiological Operations Support Team) could include a ROSS that specializes in operations centers, one for field team operations, etc., thereby having multiple ROSSes in different locations with their own bridge line to communicate and share information.
- State and federal REP programs should transition to ICS, including the use of appropriate ICS forms. An IMT can be very effective, even if the members have no radiological experience, but the process can be slowed considerably if the initial response does not include the use of ICS forms.
- States should consider using an IMT as part of their normal nuclear power plant field response.
- States should have a detailed plan for how to make use of the ROSS so that the advantages of using a ROSS can be maximized.

#### Challenges

- Members of each response group are comfortable working within their area of expertise but have to be encouraged to work together and sometimes outside their comfort zone to make the response effective.
- Contractors or other staff who facilitate cooperation between the IMT and the federal assets help to get the IMT and FRMAC representatives talking and working together, but may isolate the ROSS from the IMT, FRMAC and from the state. While the ROSS is knowledgeable in many areas, the role in speaking about what would be the priorities for the state needs to be clarified.
- A major challenge faced by the IMT was the fact that they were being asked to develop an incident action plan (IAP) for the operational period beginning the morning of day 3. The IMT struggled because they had to deal with a fluid current operational period, no information about the next two to three operational periods, a lack of clear objectives from the SEOC, and they had no radiological experience.

#### Acronyms

**ROSS - Radiological Operations Support Specialist**

**FEMA - Federal Emergency Management Agency**

**ROST - Radiological Operations Support Team**

**REP - Radiological Emergency Preparedness**

**ICS - Incident Command Structure**

**IMT - Incident Management Team**

**FRMAC - Federal Radiological Monitoring and Assessment Center**

**IAP - Incident Action Plan**

**SEOC - State Emergency Operations Center**

**ROSS Experience at the Southern Exposure 2015 Exercise** - cont'd**The Advantage a ROSS Provides****ROSS Advantages**

- Being from a state that includes a REP program certainly helped me to quickly assess the situation and recognize important information. A ROSS from a state without a nuclear power plant may not pick up on all the subtleties, but would still provide a useful service by focusing on the radiological issues.
- As the ROSS, I was able to help the IMT understand the role of the federal agencies, FRMAC, the Advisory Team, and the unique issues associated with a response to an incident involving radioactive materials.
- As the ROSS, I was able to serve as a translator of sorts and keep everyone "speaking the same language."
- A ROSS can be a valuable asset during the plume phase operations of a nuclear power plant incident.
- As the exercise progressed, I was needed less to support the IMT and began assisting the state dose assessor at the facility to resolve an issue he was having with a soil sample. I was able to make use of the tools available to me through my state to confirm the results given by the controller. However, these results were not consistent with the results generated by TurboFRMAC (computer program). Despite bringing a number of experts together, the issue was not fully resolved before the exercise terminated so this challenge continues.

**Contact for Detailed Information****Ken Yale (MI)****517/241-1248**

**E-42  
TENORM  
Report**

*In 2012, the E-42 Task Force was charged by the CRCPD Executive Board to examine and review the issues involved with technologically enhanced naturally occurring radioactive material (TENORM).*

**E-42 Task Force Report Review of TENORM  
in the Oil & Gas Industry**

E-42 Task Force Report Review of TENORM in the Oil & Gas Industry, was published by CRCPD in June of 2015.

In 2012, the E-42 Task Force was charged by the CRCPD Executive Board to examine and review the technologically enhanced naturally occurring radioactive material (TENORM) radiological, environmental, regulatory, and health and safety issues. After review and consideration of the vast amount of data, the E-42 Task Force produced the 131 page document that addresses the charge of the Executive Board.

The report provides assessments and proposes recommendations on radiation exposure, radiation safety training, and environmental impacts related to TENORM in the oil and gas industry. The report also compiles a summary of the guidance and regulations for TENORM established by various standards setting authorities. This summary is provided in Appendix B (Table B-2) of the report.

A copy of the report is available on CRCPD's website at

[http://www.crcpd.org/Pubs/TENORM/E-42\\_Report\\_Review%20of%20TENORM.pdf](http://www.crcpd.org/Pubs/TENORM/E-42_Report_Review%20of%20TENORM.pdf).

The focus areas within the report are:

- to assess and provide recommendations for TENORM human radiation exposure and environmental issues; and as well as
- to assess and evaluate TENORM worker and public awareness and training issues.

The E- 42 Task Force made several recommendations to the CRCPD Board of Directors, which are currently under review for follow-up activities.

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## Special Thanks

*CRCPD Board of Directors extends special thanks to the E-42 Task Force members, advisors and resource individuals.*

### E-42 Task Force Report Review of TENORM in the Oil & Gas Industry - *cont'd*

The emphasis of the report is on the need for nationwide scientific consistency in a more standard regulatory framework to ensure public health and protection of the environment.

CRCPD Board of Directors extends special thanks to the E-42 Task Force members, advisors and resource individuals:

#### **Members**

Frank Costello, CHP, Pennsylvania  
 Ziad Fahd, Louisiana  
 Gary Forsee, Illinois  
 Steve Gavitt, New York  
 Brian Goretzki, Arizona  
 Dale Patrick, North Dakota  
 Jared Thompson, Chair, Arkansas

#### **Advisors**

David Allard, Pennsylvania  
 Tommy Cardwell, Texas  
 Rob Greger, California  
 Patrick Kelly, New Jersey  
 John Mauro, New Jersey  
 B.J. Smith, Mississippi  
 Leong Ying, New Jersey

#### **Resource Individuals**

Gary Comfort, U.S. Nuclear Regulatory Commission  
 Phillip Egidi, U.S. Environmental Protection Agency  
 James Grice, Colorado Department of Public Health and Environment





## ARRT Announces Management Changes

Reprinted from ARRT News Release by Sara Keis, ARRT

### Rush to Succeed Haselhuhn at ARRT



Kevin L. Rush, MHA, R.T.(R)(T)(ARRT), FASRT, has been named senior director of credentialing operations for the American Registry of Radiologic Technologists. He will join the organization in October 2015, just two months prior to the December retirement of Virginia L. Haselhuhn, B.S., R.T.(R)(ARRT), who held the position for several years.

ARRT's senior director of credentialing operations oversees the organization's education, ethics and examination programs, which add up to the ARRT Equation for Excellence. Along with the senior director of business operations and CFO William T. Murtaugh, MBA, Rush will report to ARRT Executive Director Jerry B. Reid, Ph.D.

In announcing Rush's appointment, Reid noted that **“Kevin's passion for serving others, his credentials and previous work experience provides a great match for meeting the challenges that await us in the future.”**

Rush was an ARRT Trustee from 2005 to 2013 and served as president in 2012-2013 which, he notes, prepared him with a foundation of knowledge on what the board needs in order to make well-informed decisions.

At the same time, he acknowledges how different his staff position will be from his board position. “Learning how the staff team works together and unlearning the board-level policies I worked on,” Rush says, “will clear my slate of knowledge and let me come into this position fresh,” adding that it's a daunting and exciting prospect, and he can't wait to get started.

A graduate from Franklin University, Rush also holds a Masters in Healthcare Administration from the University of Memphis. He has extensive experience with a number of hospitals and most recently was administrator of imaging services for TriHealth, Inc., in Cincinnati. He has also served on the boards of the ASRT (American Society of Radiologic Technologists) and its Ohio state affiliate, along with several other committees supporting the profession.

## ARRT Announces Management Changes - *cont'd*

Reprinted from ARRT News Release by Sara Keis, ARRT

### Haselhuhn Wraps Up Dedicated Career



As 2015 draws to a close, so does the ARRT tenure of Ginny Haselhuhn, who joined the staff some 25 years ago as director of administrative services. In 1992 she was named assistant executive director for administrative services and with a 2009 reorganization became the senior director of credentialing operations.

Anticipating her retirement, Ginny has reflected on the meaning of ARRT:

*To me, the ARRT has always meant professionalism, high standards and doing the right thing. I've always felt proud to be a radiologic technologist, and wrapping up my career as a registry staffer has been a tremendous honor.*

ARRT Executive Director Reid, stated that, **“Ginny’s many contributions have helped the organization become the Gold Standard in certification that it is today,”** adding that “her work ethic, common sense approach to operations administration and policy development, and her perspective on what it means to be a radiologic technologist have been an indispensable resource for the Registry.”

Ginny is looking forward to retirement making every day feel like a Saturday. She plans to fill all those days with more grandchildren’s activities, traveling and volunteering, as well as participating in organized exercising, and simply sitting by the fire when it’s snowing and the roads are bad.





August

## CRCPD Welcomes New Members

### *Director Member*

Rikki Waller (ID)

### *Associate Members*

Chrissy Chavis (SC)

Charles Flynn (TX)

Jeffrey Johnson (ID)

### *Affiliate Members*

John Matthew Wait (MO)

Mehdi Ramshad (CA)

Charles T. Simmons (DC)



*Changes for Directory of Personnel  
Responsible for Radiological Health Programs*

**August**

Page 27

ID – remove Katey Anderson, and insert Rikki Waller, phone # 208/334-0549; insert Jeffrey Johnson, Physicist, phone # 208/334-0551, email [johnsonjc@dhw.idaho.gov](mailto:johnsonjc@dhw.idaho.gov) in the original place of Rikki Waller.

Page 24

GA – remove Eric Jameson in its entirety.

Page 34

KS – remove Thomas Conley and insert vacant.

Page 90

TX – remove Chris Timmerman and insert vacant.

Page 151

NRC – remove Laura Dudes and insert Josephine Piccone, email: [josephine.piccone@nrc.gov](mailto:josephine.piccone@nrc.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.....	517/241-1248.....	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

<b>Environmental Nuclear Council</b>	<b>J. Thompson (AR) 501/661-2173 jared.thompson@arkansas.gov</b>
<b>General Council and Liaisons</b>	<b>Aaron Gantt (SC) 803/545-4420 ganttaa@dhec.sc.gov</b>
<b>Healing Arts Council</b>	<b>Jennifer Elee (LA) 318-362-5367 jennifer.elee@la.gov</b>
<b>Homeland Security/Emergency Response Council</b>	<b>P. Mulligan (NJ) 609/984-7700 Patrick.mulligan@dep.nj.gov</b>
<b>Suggested State Regulations Council</b>	<b>Ken Yale (MI) 517/241-1248 yalek@michigan.gov</b>

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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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