Message from Chairperson Earl Fordham, CHP

The New Normal: Best Practices in Achieving Radiation Protection

I am sure those of us at the 44th Annual National Conference on Radiation Control in Orlando, Florida, in May heard many different versions of this theme. And each of us laid our own circumstances over Adela Salame-Alfie’s keynote address on today’s challenges and opportunities in the new normal. What works in New York for her may not work in Washington for me. Several times I heard about “interconnectedness” and partnering. We are told to continue to protect the public health and safety by doing “more with less” when the easiest thing to do is circle the wagons and wait it out (e.g., do less with less).

In these times of constrained resources, we look around for partners we trust wherever they are located. In the aftermath of Fukushima, our federal partners are also looking to renew their relations with the states. We need to ensure in our drive to eliminate waste and unnecessary redundancy that we retain the critical elements of our programs, allowing us to meet our collective goals of public health and safety. In the “Sharing Environmental Data” special session, participants were very interested in leveraging existing monitoring around the country and making it available to everyone. While this endeavor most likely will need a central...
database similar to the Nuclear Regulatory Commission’s National Source Tracking System, the benefits of such a data repository in eliminating duplicate sampling and allowing one-stop retrieval during a Fukushima-like event within the United States or overseas is immeasurable to a program director whose governor is looking over his/her shoulder for impacts.

We need to develop strong relationships with our federal and local partners. With trust being a critical element, knowing the person on the other end is perhaps more important than what they bring to the table. And the CRCPD is a great place to meet your future partners.

Percy Bysshe Shelley, the noted poet, once wrote: “Man’s yesterday may ne’er be like his morrow; Nought may endure but Mutability.”

Changes are occurring at a rapid pace in state radiation control programs and within CRCPD, and keeping up and adapting to those changes can be challenging, but they are necessary to avoid stagnation (which is the antonym of mutability). It seems that these days we are required to be “mutable” even faster than when the poem was written.

Even changes for the better involve some degree of confusion and an adjustment period. Communication of change is key to making the adjustment to the change less onerous. In this month’s Newsbrief, you will see information about several of the changes at CRCPD, most of which are good changes. I have listed below some of the major ones that are occurring and for which we have received quite a few questions.

**U.S. Department of Transportation (DOT) Special Permit Changes**

The renewed special permits that CRCPD holds with DOT have been issued and are now in effect. As noted in the April Newsbrief, DOT made several changes to the reporting requirements and to the additional requirements for the shipper. We presented a poster session on the new permits at the National Conference on Radiation Control in Orlando in May. The poster presentation drew a lot of interest from those participating, but we realized that the primary staff members who will be using and reporting on the permits were not present. Therefore, we will be →
holding a webinar in the near future to go over the main aspects of the permits and the changes in procedures. A broadcast e-mail will be sent to the radiation control programs to announce the date and time of the webinar. In the meantime, we have placed information and Frequently Asked Questions (FAQ) on the special permits on the CRCPD website at: http://www.crcpd.org/Transportation/default.aspx.

**New SCATR Options for Disposal**

Two new disposal options have recently become available for disposal of SCATR (source collection and threat reduction) sources. A license variance has been issued to Energy Solutions of Utah that will permit the disposal of sealed sources that meet the definition for Class A waste for a period of one year from the date the first waste is received at the Clive, Utah, facility. CRCPD is offering financial assistance equal to half the cost of disposal to waste generators who participate in the effort. More detail on this can be found in this issue of the *Newsbrief*. In addition, the low-level radioactive waste facility operated by Waste Control Specialists in Texas has been licensed and allowed to take a certain amount of out-of-compact waste. This will provide an opportunity for states that previously have not had access to a commercial site to participate in SCATR disposal of unwanted sources.

**Radiation Response Volunteer Corps Development**

The CRCPD Office of Executive Director (OED) has just completed issuing the first round of sub-awards to 10 state agencies that will be developing radiation response volunteer corps within their emergency response operations and incorporating the volunteers into existing health volunteer response programs to assist in population monitoring. We will soon be going into year two of the cooperative agreement we have with the Centers for Disease Control and Prevention and will be accepting proposals again. For more information on this exciting project and how to become involved, go to http://www.crcpd.org/RRVC/rrvc_rfp.aspx on the CRCPD website.

**Changes in OED Staff**

Our financial manager, David Denton, has taken a position with the Frankfort, Kentucky, utility management department and thus has left a vacancy at the OED. We will miss David very much but wish him the best in his new venture.
The 44th National Conference on Radiation Control was held May 7 – 10, 2012, in Orlando, Florida, at the Wyndham Orlando Resort. There were 218 attendees registered for the National Conference and 61 exhibitors.

The critiques are still being received by the OED. If you haven’t submitted your comments, please do so immediately. To complete your critique form, please click on the link below:

https://www.surveymonkey.com/s/YXPG9RY

CRCPD wants to hear from you!

On behalf of the CRCPD membership, board of directors, and the OED staff, I want to take this opportunity to express our appreciation to the staff of the radiation control program of the Florida Department of Health in assisting CRCPD in executing a very successful 44th National Conference on Radiation Control.

Those states who have previously hosted a national conference know of the many hours of planning that it takes to put on a successful conference. We appreciate all the work that went on before and during the meeting. We thank you for allowing us to share your city.

A special thank you is extended to the H-40 Task Force on the Inspection Protocol for Radiation Machine Based Therapy Treatments and the American Association of Medical Physicists (AAPM) for the development and coordination of the radiation therapy inspector training that was held May 4, 2012, in conjunction with the 44th National Conference. The course was designed for state inspectors and others interested in continuing education. There were 55 registered attendees.
Special Thanks to H-11 Committee on Mammography

A special thank you is extended to the H-11 Committee on Mammography for development and coordination of the mammography training that was held on May 5 and May 6, 2012, in Orlando, Florida. The course was designed for inspectors, technologists, medical physicists, radiologists and others interested in continuing education. There were 130 registered attendees.

Those persons who deserve special recognition are: Shanna Farish (AZ), H-11 chairperson, H-11 members: Beverly Jo Carswell (AL), Jerry Cogburn (TX), and Carol Horibin (RI); Lin Carigan, OED Staff; and Melissa Martin (AAPM), and Pamela Platt (ACR). Thank you for a job well done!

At the annual business meeting that was held on Thursday, May 10, 2012, in conjunction with the 44th National Conference, special recognition was bestowed to Adela Salame-Alfie, outgoing past chairperson for 2011-2012. Adela was presented a small token of appreciation for her service to the board once again. We sincerely appreciate Adela’s hard work and will miss her wise counsel.

Mary Ann Spohrer (IL), member-at-large, rotated off the CRCPD board of directors effective at the end of the National Conference. Ms. Spohrer was recognized for her many contributions to the organization and was presented a small token of appreciation.

Three new CRCPD members rotated on the CRCPD board of directors, effective at the end of the National Conference. They are Earl Fordham (WA), chairperson, Joe Klinger (IL), chair-elect, Lisa Bruedigan (TX), member-at-large, and Jared Thompson (AR), treasurer-elect. We extend to each of them a hearty welcome and we look forward to their many contributions over the next three years.
44th National Conference on Radiation Control (Continued)

**CRCPD Awards**

**Gerald S. Parker Award of Merit**

was awarded to

**Thomas C. Cardwell**

For his significant contributions in the field of radiation protection, and in particular for his contributions to the mission and goals of the Conference of Radiation Control Program Directors.

Mr. Cardwell served on the board of directors, and served on and chaired numerous committees in an exemplary manner.

Some of Mr. Cardwell’s major contributions to CRCPD include: extensive participation in the research for and development of Suggested State Regulations for TENORM through service on the SR-N Committee, the TENORM Commission and chairmanship of the Task Force on TENORM Implementation Guidance; and chairmanship of the SR-W Committee for Well Logging Regulations. Mr. Cardwell was a pioneer in the development of recommendations to the states for the management and regulation of TENORM, and is a leader in the field of radiation protection.

**James W. Miller Award**

was awarded to

**Patrick Mulligan (NJ)**

Patrick Mulligan has made significant contributions to radiological emergency preparedness and response (REP) on a national level for a number of years. In 2011, in the wake of the immense Tohoku earthquake/tsunami and subsequent Fukushima Dai-ichi nuclear power emergency in Japan, Pat was instrumental in developing timely CRCPD responses to its federal partners by providing state and local stakeholder feedback essential to an effective after action process.
Pat’s involvement at the national level also benefitted state radiation control programs by ensuring that CRCPD members were kept informed of development of the new FEMA REP Manual and NRC NUREG O654 Emergency Preparedness Guidance, facilitating communication between federal and state radiation preparedness partners, and ensuring that state radiation control programs provided clear, rational, vetted input to federal rulemaking and implementation efforts. For his many years of dedicated work, which has resulted in increased recognition of CRCPD as a national leader in radiological emergency preparedness and response, Patrick Mulligan is awarded the James W. Miller Award, designated for a single individual who has made a significant contribution in a specific area of radiological health.

Public Servant Award was awarded to Captain Lynn D. Evans

For her significant contributions to radiation protection, particularly bringing together radiological preparedness and public health. Her efforts in nurturing the development of the National Alliance for Radiation Readiness and expanding radiological capabilities into community resilience programs such as the Medical Reserve Corps demonstrate her extraordinary leadership, dedication and commitment to assuring that the United States is prepared to respond to the needs of communities in a radiological emergency.
2012 John C. Villforth Lecture Series
by
Karen Uraneck, M.D.

Dr. Uraneck’s presentation was entitled “Learning from Fukushima: Directions for Preparing Healthcare Systems and Public Health for Radiation Incidents.” You will be able to view her presentation in full when the proceedings are published.

Board of Directors Awards for Outstanding Achievement in the Field of Radiation Protection

Committee on Mammography

Shanna Farish (AZ), Chairperson
Beverly Jo Carswell (AL), Member
Carol Horibin (RI), Member
Jerry Cogburn (TX), Member
Melissa Martin, AAPM Resource
Pamela Platt, ACR Resource
Lin Carigan, OED Staff Resource

The H-11 Committee on Mammography and resource representatives from the American College of Radiology (ACR) and the American Association of Physicists in Medicine (AAPM) are presented the Board of Directors Award for Outstanding Achievement for their extraordinary efforts in the area of Mammography Quality Standards Act (MQSA) continuing education. The committee, under the leadership of Shanna Farish, developed and held MQSA training in conjunction with the 44th National Conference on Radiation Control.

The development of these training courses required many months of planning, organization, and commitment. The Committee on Mammography’s continuing endeavors support the goals of the CRCPD Strategic Plan by providing training opportunities for CRCPD members.
The HS/ER-2 Committee for Expanding Radiological Preparedness in Public Health contributed significantly to the 2011 launch of the National Alliance for Radiation Readiness (NARR), a strategically important alliance consisting of CRCPD and many partners from the public health practice community. The NARR seeks to be the “voice of health” in radiological emergency preparedness, and has established a prominent presence with its new website, www.radiationready.org. This working group was closely involved with the development, launch and continuing sustainment of the NARR, providing CRCPD timely and broad recognition beyond the “traditional” radiation protection community, resulting in a major contribution to radiological health.

The HS/ER-10 Task Force for Volunteer Development carried out a successful project demonstrating early success in public/private partnerships to expand radiation preparedness capabilities in the public health system. With outstanding leadership from the chair, Isabelle Busenitz, and effective partnering with CRCPD’s executive director, Ruth McBurney, this working group evaluated a robust set of competitive proposals, and made recommendations for 10 sub-awards. Their efforts made it possible for the CRCPD to take a step forward in expanding community resilience.
Outstanding Achievement Awards (Continued)

CRCPD NEWSBRIEF

June 2012

44th National Conference on Radiation Control (Continued)

Task Force for Volunteer Development (HS/ER-10) (Continued)

Capabilities with its partners in the Medical Reserve Corps, resulting in a major contribution to radiological health preparedness.

Patricia Gardner (NJ)

For her leadership and understanding of the needs of state radiation control program directors during the response to the event involving import of contaminated tissue boxes from India, and for providing timely and accurate information to the state radiation control programs through broadcast e-mails and conference calls, including routine updates, site surveys, product distribution across the United States and the broker’s collection schedule for the contaminated products. Pat’s well-timed communication kept all state programs apprised of new developments, which assisted in the preparation of timely public messages to inform the public and thus helped achieve a better understanding of, and protection from, radiation exposure.

Alice H. Rogers, P.E. (TX)

Alice Rogers, the current chair of the Conference of Radiation Control Program Directors, has served the organization far beyond the duties normally expected for the chair. As the chair-elect, she graciously accepted the chair position in October 2010, 7 months early due to a vacancy. She ably directed the Conference on Radiation Control through the stateside impacts from the Fukushima reactor accident. Her direction in her lengthy period as chair includes many intensive visits to Washington, D.C., to talk with our federal partners and several teleconference calls with board members. Under Ms. Rogers’ effective leadership, the Conference continues to be an entity our federal partners as well as the radiation industry looks to for answers.

Through effective leadership, timely response and rational problem-solving, Alice contributed directly to the CRCPD being able to take an active and insightful approach to national issues having impacts on the membership.

Adela Salame-Alfie, Ph.D. (NY)

Adela Salame-Alfie, the current past-chair of the Conference of Radiation Control Program Directors, has served the organization above and beyond the normal duties of the position. She has been outstanding in ensuring two successful CRCPD annual →
44th National Conference on Radiation Control (Continued)

Outstanding Achievement Awards (Continued)

Adela Salame-Alfie Award (Continued)

conferences over the last two years as chair of the Annual Meeting Program Committee. She has served with distinction as the CRCPD’s representative on the tri-chair leadership of the National Alliance of Radiation Readiness. Her efforts have contributed to the CRCPD becoming widely known among public health and emergency management communities as the “go to” experts in radiological health and preparedness. Through Adela’s timely actions and outstanding organizational talents, she has brought national acknowledgment to the CRCPD. Her efforts reflect positively not only upon herself, but the entire membership of the Conference.

♦

Board of Directors Awards for Meritorious Service

Committee on Emergency Response Planning (HS/ER-5)

Patrick Mulligan (NJ), Chairperson
Stephen Woods (CA), Member
Charles Adams (FL), Member
James Hardeman (GA), Member
Ken Evans (IL), Member
Kurt Jackson (CA), Advisor
Cynthia Costello (NY), Advisor
Michael Howe, FEMA Resource
Colleen O’Laughlin, FRMAC Resource

The HS/ER-5 Committee on Emergency Response Planning has consistently and effectively delivered on its charges for many years, and is one of the most active working groups that CRCPD has, providing valued stakeholder input and feedback to multiple federal agencies and partners, including the Nuclear Regulatory Commission, Federal Emergency Management Agency, Department of Energy, Environmental Protection Agency, Food and Drug Administration, Centers for Disease Control and Prevention, Federal Radiological Monitoring and Assessment Center, Federal Radiological Preparedness Coordinating Committee, and the Federal Advisory Team for Environment, Food and Health. HS/ER-5 members participated and contributed to multiple after action meetings and hearings to identify and develop recommendations to improve nuclear power safety and emergency preparedness after the Fukushima Nuclear disaster in Japan. The members of this working group continue to provide service to the CRCPD that contributes significantly to the achievement of CRCPD’s goals.
The following posters were awarded ribbons of excellence:

**1st Place**

**Communicating Radiation Risks: There Must Be a Better Way** – presented by Jessica Wieder (EPA) and Armin Ansari (CDC).

![Poster Presentation Winners](image1)

**2nd Place**

**Impacts Resulting From the Elimination of State Indoor Radon Grants** – presented by Committee on Radon (E-25) members: Bill Bell (MA), Bob Stilwell (ME), Clark Eldredge (FL), Marybeth Rich (OH), and Susie Shimek (EPA).

![Poster Presentation Winners](image2)
3rd Place

Rad Resilient
City: A
Preparedness
Checklist to
Save Lives
After A Nuclear
Detonation –
presented by Tara
Kirk Sell and Ryan
Morhard (Center
for Biosecurity of
UPMC).

The purpose of this annual lecture is to honor Mr. Villforth’s steadfast support of state radiation agencies as a working partner with the FDA/CDRH in the protection of the American people from unnecessary exposure to electronic product radiation, radioactive materials (especially radium), and protection of the environment from radioactive contamination, as well as his strong support of the CRCPD in its early years of development. Mr. Villforth has long recognized the capacity of state radiation personnel to make valuable contributions to the success of the national programs to protect the public health of our citizens. The CRCPD has the utmost respect, admiration, appreciation for the unceasing friendship and support Mr. Villforth has extended to our organization and the state radiation control programs over his many years of public service. With this lecture series, the CRCPD pays tribute to a man with impeccable integrity, a person with outstanding leadership credentials, and a giant in the field of radiological health.

The criteria for nominations, with a link to the nomination form, can be viewed at www.crcpd.org/Awards/Villforth/FactSheet.Villforth.pdf. **Deadline: September 30, 2012.**
You are invited to present a paper at the 45th Annual National Conference on Radiation Control that will be held in Portland, Oregon, May 20-23, 2013. If you are interested in presenting a paper, please submit your topic along with a brief summary (a couple of sentences) to the OED <ssmith@crcpd.org> no later than September 30, 2012, for consideration by the Technical Program Planning Committee.

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

Utah has issued a waiver to Energy Solutions’ license to allow it to accept certain “Class A” sealed sources for disposal. CRCPD is requesting the unsited states’ help in making this opportunity available to all of their licensees by distributing the information provided in this article to them or by posting the information on the state’s radiation control web site. The waiver is available for only one year from the date of the first shipment.

We would like to have as many interested parties as possible registered in the OSRP database as soon as possible in order to maximize the number of sources that can be disposed. Registration forms may be found at http://osrp.lanl.gov. Please click on SCATR Info and then go to the fourth paragraph on that page for two options for registering your sources. As an incentive the SCATR program will offer to pay 50% of the cost of disposal for a facility’s “Class A” sealed sources during the one year period. Facilities will need to contact their respective Compact Commissions to determine if they are required to register and/or pay an export fee. If a fee is required, the broker will not collect a facility’s waste until it is paid. A facility can make arrangements with his broker to assure the fee is paid prior to collection of their waste.

Documents providing more detail regarding sources likely to qualify for the disposal effort and requirements for participation can be found by going to the CRCPD web site, http://www.crcpd.org. Click on Radioactive Materials Services on the blue banner on the left of the picture. Then click on SCATR Program. Then click on New Opportunities for Un-sited States.
A study in the scientific journal *Lancet* reported on new findings related to CT scans in children and radiation. The Alliance for Radiation Safety in Pediatric Imaging has released an open letter to parents that appears below. A longer version of this letter is available on their website at www.imagegently.org. There are many other materials on the website such as a free parent brochure about CT scans that can be downloaded and printed for local use. The Image Gently medical imaging record card is also available for use.

Dear parents and caregivers,

A recent scientific study (Pearce MS et al. *Lancet* DOI 10.1016/S0140-0736(12)60815-0) on the potential risk of cancer from CT scans in children is receiving a great deal of media attention. The Alliance for Radiation Safety in Pediatric Imaging would like to comment on this important issue. The Alliance for Radiation Safety in Pediatric Imaging, comprised of more than 70 medical organizations, is committed to radiation protection for children worldwide.

We understand that parents will have many questions about CT scans and ionizing radiation. Most questions are a result of their child having a CT scan. After the scan, parents may become concerned about the ionizing radiation used during the scan. We would like to share with you key points from the discussions we have had with parents to answer their questions.

CT scans are an amazing way of seeing inside the body in less than a minute, require no sedation and may help the doctor find out what is wrong with your child. The scans use a small amount of ionizing radiation. Parents may ask “Is there is risk from a medical test that uses ionizing radiation? What is the risk? And will it cause cancer in my child?” These are the most frequent questions that the experts from the Image Gently campaign get asked.

Here is what we tell the parents we speak with... “We do not know if medical imaging causes cancer. But we should remain cautious and act as if there is a small risk.” Continued study of this important issue is needed and is ongoing. Over the many years that doctors and other scientists have studied this question, there have been results on either side of this question with differing opinions regarding potential risks from these exams. This most recent study suggests that there is a very small risk.
from CT scans in children based on their study which spans the years from the early 1980’s through 2008. Now, you might say that this uncertainty is not helpful. As a parent you understandably want a definite answer. However, at present, medical science does not have the final answer. Fortunately, this may not be as much of a problem as it would seem. If we follow the Image Gently philosophy of being cautious, and perform imaging tests only when necessary and at the lowest possible radiation dose to answer the clinical question, then we maximize the benefits of these exams and minimize any potential risk.

As parents, here are some questions you can ask your doctor:

- What is the name of the test you would like to do on my child?
- Does the test involve ionizing radiation?
- How will having this exam improve my child’s health care?
- Are there alternatives that do not use radiation which are equally as good?
- Will my child receive a “kid-size” radiation dose?
- Is this facility accredited by the American College of Radiology (ACR-accredited)?

You are encouraged to keep a record of your child’s previous imaging tests. The Image Gently Medical Imaging record card is available on our website. When there is a concern about radiation, parents should not become scared, but should learn more about the test and feel it is OK to ask questions.

It is important to remember that we all take risks in everyday life for a benefit. Think about driving to the grocery store for food for dinner. The benefit of getting the food outweighs the small risk of a car accident. The risk of a car accident may be higher than any potential risk from a CT scan (from current scientific studies) in a population or group of patients. When risk is discussed such as risk from a car accident, the risk applies to a population of people or children, not one person or child. The risks are average risks. This makes scientific studies even harder to apply to a single person or child…and harder to understand as to how it applies to your child. Yet, these types of risk studies are very important as we learn more and it helps us do a better job in improving care and decreasing risk for our patients.
In addition, the estimated radiation dose from CT of the abdomen among a group of children’s hospitals in the United States, recently reported at a national pediatric radiology meeting was 40% lower than CT dose estimates from the United Kingdom from the early 2000s. This means that radiation dose from CT scans is decreasing. Also, new technology from CT manufacturers will continue to lower this estimated dose. This is good news.

Finally, in the United States, there is an approximately 40% chance of being diagnosed with cancer during our lifetime. So, cancer is a relatively common disease in this country. Currently, there is no way to know if a cancer occurs if it was a result of genes or inheriting this tendency from your parents, from the environment or a combination of these and other effects.

It is important as parents and caregivers to be thoughtful, to ask questions and to partner with your doctor in the care of your child. It means realizing that there is risk in our daily lives when we do needed and important actions and we should not be fearful, but work to minimize the risk. This same approach should be used in medical care.

We hope you have found this letter helpful in your understanding of medical imaging and its benefits and small risks for your child. We welcome your ideas and comments about our website (www.imagegently). You may contact us at our email address: imagegently@aol.com.

ARRT planning ahead for the launch of Continuing Qualifications Requirements in 2018

Profile, Assessment & Targeted CE Identified as CQR’s Foundation

(Press release: April 26, 2012) – “For the vast majority of R.T.s, there’s nothing you need to be doing now” is part of the reply to R.T.s with questions about Continuing Qualifications Requirements – or CQR.

For all R.T.s, primary and post-primary certifications earned on or after January 1, 2011, are time-limited to 10 years. Recertification requires completion of the CQR process, and the very first CQR deadline is not until 2021. Registered Radiologist Assistants (R.R.A.s) are unique in that R.R.A. certification has always been →
time-limited and the CQR process begins in 2013. R.R.A.s will be receiving more details about their CQR process beginning in late 2012.

With that to ease your mind, here’s an update for you. CQR has three related components. First, R.T.s will assemble a professional profile that highlights achievements related to education, work, special skills and professional development. This important first step gives a big-picture look at how an R.T. has maintained qualifications since first becoming certified. Second, ARRT is developing a unique structured self-assessment process. It’s not a test – it’s different – particularly because it can’t be passed or failed. It’s a learning tool designed to evaluate strengths and weaknesses in knowledge and skills based on the qualifications expected of those becoming certified in the current year. Assessments will use the current content specifications based upon the most recent practice analysis.

Through the self-assessment findings, participants may receive a customized list of “targeted” learning opportunities. These are learning-specific topics targeted to the identified knowledge areas. Completing continuing education activities in these identified areas is the third component of the CQR process.

The CQR process is complementary to existing components of certification and registration requirements. CQR provides the opportunity to demonstrate that your knowledge and skills are up-to-date, helping you re-energize your passion and enjoyment of work and your connection to patients and healthcare.

Because of accelerating advancements in technology and growing capabilities in the healthcare field, the idea of “Once certified, forever qualified” no longer meets the expectations of patients or the profession. Today, this is more accurately described as “Once certified, forever learning, evolving and developing as a qualified professional.” Continuous quality improvement is an expectation across all healthcare facilities, systems and professions.

An R.T.’s compliance phase with CQR will begin seven years into the initial 10-year certification period. For example, for R.T.s earning certification in 2011, the compliance phase can begin in 2018, allowing three years to complete the professional profile, self-assessment and targeted continuing education by 2021. And remember, CQR applies to R.T.s with primary or post-primary certifications earned since January 1, 2011.
ARRT is working with a number of committees made up of volunteers from across the profession to develop a meaningful CQR process – and is committed to helping you stay up-to-date and preparing you to take full advantage of the opportunity when CQR phases begin for the very first R.T.s in 2018.

Watch for updates online at www.arrt.org as development milestones are reached.

IRPA13, Glasgow, Scotland, May 13-18, 2012

I was fortunate enough to represent both CRCPD and the National Alliance for Radiation Readiness (NARR) during the 13th IRPA Congress. The International Radiation Protection Association (IRPA) Congress takes place every four years and is held in a different country every time.

The theme of this year’s meeting was “Living with Radiation – Engaging with Society,” and it was quite timely. There were about 1500 participants from 74 countries, presenting over 300 papers and more than 900 posters! The poster I presented described our work in the formation of the NARR and highlighted some of the work we have accomplished. Following last year’s events in Japan, it is not surprising that there were several plenary sessions and multiple posters dedicated to Fukushima.

The meeting included multiple tracks and covered diverse topics in radiation protection ranging from medical to regulations to emergency response. Keeping up with the advances in technology, this year’s meeting allowed presenters to tweet questions while the sessions were going on, and several presentations were also webcasted. The entire program including the papers, posters and several podcasts are available online at http://www.irpa13glasgow.com/.

The U.S. was very well represented with many attendees from the Health Physics Society and the Nuclear Regulatory Commission, Department of Energy and Environmental Protection Agency.
There were many CRCPD members as well, and we realized there were five past chairs at the meeting! (check out the photo). Overall it was a very good meeting and Glasgow is a very nice place.

I would like to thank the board of directors for the opportunity to represent CRCPD at such an important meeting.

If you’d like to check out the papers, posters and PowerPoint slides, go to their website (listed above). By the way, the next IRPA Congress will be in South Africa (in 2016) and in 2020 it will be in Seoul, South Korea.

The 22nd National Radon Training Conference will be held October 14 – 17, 2012, at the Flamingo Hotel in Las Vegas, Nevada. A special room rate is available at the current GSA ($93 single/double) plus 12% sales tax. These rates are available three days prior to and three days after the National Radon Training Conference based on availability.

A block of rooms has been reserved under the “SFCRC2 group code” at the Flamingo Hotel Las Vegas. You may make your reservations online by clicking the link below, or you may call the hotel directly toll free at 1/888-373-9855 to make a reservation.


You must guarantee your reservation with either a credit card or one night’s deposit. If you need to cancel your reservation, you must call and cancel within 72 hours of your arrival date or your deposit will be forfeited/credit card charged. NOTE: Guaranteed reservations are held for one night only – not for the entire stay. **Cut-off date for making reservations is September 12, 2012.**
HS/ER-10 Outreach to the Medical Reserve Corps at the Integrated Training Summit
By M. Isabelle Busenitz, HS/ER-10 Chairperson (KS)

Isabelle Busenitz, chair of HS/ER-10 Task Force for Volunteer Development, was invited to attend the 2012 Integrated Medical, Public Health, Preparedness and Response Training Summit held in Nashville, Tennessee, May 21-25, 2012. Funding for her travel was provided by the National Association of County and City Health Officials (NACCHO).

Isabelle presented a status report on the 2012 Radiological Response Volunteer Corps (RRVC) grant to the State Volunteer Coordinators at their meeting, which was held on Monday of the conference. Isabelle was able to meet with several of the grant awardees and provide information to others who had an interest in
applying for the grant. An RRVC brochure was also developed and made available to the attendees.

The conference was sponsored by the following organizations: National Disaster Medical Systems (NDMS), United States Public Health Services (USPHS), Medical Reserve Corps (MRC), Emergency System for Advance Registration of Volunteer Health Professionals (ESAR-VHP) and the Chesapeake Health Education Program, Inc. (CHEP.INC). Focus areas of Healthcare Systems, Leadership, Public Health, Resource Management and Patient Movement and Response Integration and Operational Medicine allowed each attendee to customize their conference by selecting breakout sessions that best met their areas of interest. More information on the conference can be found at http://www.integratedtrainingsummit.org/.

This conference was attended by over 2500 people. The content, speakers and organization of the conference were excellent. Isabelle especially enjoyed the sessions “Disaster Readiness for Teens,” “Animals and Nuclear Accidents: Lessons Learned from Japan,” and “Five Feet High and Rising: The Gaylord Opryland Response to the 2010 Tennessee Flood.”

Regional breakout sessions allowed staff from the regions time for sharing experiences and solutions to issues they are facing. The highlight of the conference was the closing session with Isaac Ashkenazi, MD, MSc, MPA, in his presentation titled, “Room for Mistakes: Learning from International Disaster Response.” Dr. Ashkenazi was an engaging and motivational speaker who left the participants with the idea of empowering citizens to make things happen in disaster and terrorism response by giving them the tools they need to take effective action before first responders arrive on the scene.

This conference is highly recommended to anyone who works Public Health, Emergency Response or Volunteer Coordination.

◆
COUNCIL REPORTS
August 1, 2011 – January 31, 2012

Homeland Security/Emergency Response Council
Frieda Fisher-Tyler (DE), Council Chairperson

HS/ER-2 Committee for Expanding Radiological Preparedness in Public Health
Patricia Gardner (NJ), Chairperson

• HS/ER-2 chairperson worked with the Editorial Board Subcommittee of the National Alliance for Radiation Readiness (NARR) to finalize the Population Monitoring Toolkit in order to post to the NARR website.
• HS/ER-2 chairperson attended the NARR annual meeting in Arlington, Virginia, November 15-17, 2011.
• HS/ER-2 chairperson participated in numerous NARR conference calls.
• HS/ER-2 chairperson reviewed early draft of the NARR After Action Report for Fukushima.
• Marinea Mehrhoff, HS/ER-2 member, was appointed to the NARR Laboratory Taskforce.

HS/ER-4 Task Force for Evaluating Federal Guidelines, Resources, and Tools for Response to RDDs and INDs
William Irwin (VT), Chairperson

• HS/ER-4 members approved by the CRCPD board.
• HS/ER-4 submitted an abstract for a topical training session for presentation at the 44th National Conference on Radiation Control in Orlando, Florida.
• HS/ER-4 scheduled conference calls for every other Monday.
• HS/ER-4 is planning to meet in conjunction with the 44th National Conference on Radiation Control in Orlando, Florida.

HS/ER-5 Committee on Emergency Response Planning
Patrick Mulligan (NJ), Chairperson

• HS/ER-5 committee produced an extensive comment document on the REP Program Manual and the supplemental materials. The review required evaluation of several key documents totaling over a thousand pages. Based on the comments and feedback, a letter was drafted →
CRCPD Working Group Activities (Continued)

Homeland Security/ Emergency Response Council Reports (Continued)

HS/ER-5 (Continued) for review and approved by the board of directors. The letter
was sent to FEMA Administrator Fugate on October 24,
2011, outlining the concerns of the states.

• HS/ER-5 continues to be involved with the review of
the final Supplement 3 guidance issued by the Nuclear
Regulatory Commission (NRC) including work on a task
force assembled by the Nuclear Energy Institute (NEI). The
committee will continue to provide insights to NRC), NEI,
and the industry with regard to the offsite impacts of the
guidance related to the development of Protective Actions
Guides.

• HS/ER-5 committee members are currently in the
process of reviewing the recently released State of the
Art Consequence Analysis report issued by NRC. The
committee will be preparing a white paper discussing
the potential impact to the REP (Radiological Emergency
Preparedness) program based on the finding of this
technical report. Comments and feedback will be provided
to NRC.

• Two HS/ER-5 committee members are providing resources
to assist FRMAC (Federal Radiological Monitoring and
Assessment Center) in a pilot project to test the recently
developed, beta release of the Digital Field Monitoring
software. This software was developed to provide state
response organizations with the same tools FRMAC uses for
the collection and flow of field data to FRMAC.

• HS/ER-5 committee members reviewed a draft of FEMA's
(Federal Emergency Management Agency) Ingestion
Pathway Planning Guide. The committee is in the process
of reviewing the latest draft issued for review in late
January 2012. Comments will be provided directly to
FEMA from the committee.

• The HS/ER-5 committee was asked to work with the Center
for Biosecurity, an independent, non-profit organization of
the University of Pittsburgh Medical Center (UPMC). HS/
ER-5 provided a state perspective for a project to examine
the lessons learned from the Fukushima Daiichi accident,
and their possible implications for U.S. preparedness and
response to a similar event. The focus of the study is on
consequence management following an accident in terms of
mitigating public radiation exposure, and sensible policies
to manage recovery and resettlement where residual
contamination remains a concern. →
HS/ER-5 (Continued)

- HS/ER-5 chairperson attended a National Alliance for Radiation Readiness meeting, the “Japan After Action Meeting,” that was held November 15-17, 2011, in Washington, D.C. The agenda covered a wide variety of topics related to public health and radiological events.

- HS/ER-5 committee members attended a webinar on November 15, 2011, for the FRMAC Operations working group. Topics included a review of the FRMAC overview presentation for CM Web (DOE’s Consequence Management Website), an update on the status of the Health and Safety Manual draft development, and a review of the white paper on FRMAC’s position on building surveys.

- HS/ER-5 members have been involved in numerous conference calls and webinars related to the RAMS/RaaS (RAMS as a Service) working group. The Radiological Assessment and Monitoring System (RAMS) is a centralized database management system developed by the National Nuclear Security Administration (NNSA) Office of Emergency Response to serve as a repository of all scientific data collected during a radiological response. FEMA is working to develop an on-demand extension of the RAMS product called RaaS. HS/ER-5 members are providing input and suggestions from a state perspective on the project.

- HS/ER-5 chairperson participated in the first quarterly conference call with FEMA Director Mitchell and Vanessa Quinn on December 16, 2011. This call was to initiate a joint agreement between CRCPD and FEMA as a result of the REP Program Manual discussions. Both FEMA and CRCPD are focused on increasing communications for more effective working partnerships.

- The National Radiological Emergency Preparedness Conference solicited an abstract from CRCPD’s HS/ER-5 committee and the Homeland Security/Emergency Response Council chairperson to provide updates to the conference on activities from the past year and future projects related to emergency preparedness.

- HS/ER-5 advisor reviewed draft documents and attended several FRMAC Laboratory Analysis Working Group conference calls in December, 2011 and January 2012. Kurt Jackson, Charles Adams, and Marinea Mehrhoff provided input to changes in FRMAC’s lab analysis manual.

- HS/ER-5 chairperson worked with several other CRCPD members on an after action report for the state perspective.
on the response to the Fukushima nuclear power plant accident. The report was submitted and accepted by the Health Physics Journal for publication in the near future.

• HS/ER-5 chairperson attended two NRC meetings to provide a state perspective on the post Fukushima, Near Term Task Force Report. The first meeting was to discuss the short term actions that NRC would pursue for immediate implementation. The second meeting was to establish a timeline for implementation. The HS/ER-5 chairperson remains involved with NRC on this issue.

HS/ER-7 Task Force on Inter-Organizational Activities
Alice Rogers (TX), Chairperson

• HS/ER-7 chairperson participated in federal Homeland Security Nuclear Sector Government Coordinating Council meetings held on August 18, 2011, and November 17, 2011.

• HS/ER-7 chairperson presented the Government Coordinating Council Charter to the CRCPD board for approval in mid-February for approval. The CRCPD board approved the charter.

HS/ER-8 Task Force on the Development of Nuclear Power Plan New Releases
Ann Pfaff (NJ), Chairperson

• No activities reported during this period.

HS/ER-9 Task for Supplement to RDD Handbook
Cynthia Costello (NY), Chairperson

• An open call for volunteers was issued, and responses from individuals expressing interest in being a member are under review.

HS/ER-10 Task Force for Volunteer Development
Isabelle Busenitz (KS), Chairperson

• Isabelle Busenitz (KS) accepted the appointment as the HS/ER-10 chairperson.

• Todd Carpenter (OR), Ton DeAngelo (NY), Dawn Burke (NC) and David Lipp (OH) were approved as members to HS/ER-10.

• Bob Free (TX), David Allard (PA), Henry Tamanini (PA), Jessica Snook (KS), and Stephen Helmer (OH) were added as advisors to HS/ER-10.
HS/ER-10 (Continued)

• HS/ER-10’s charges were amended by the CRCPD board of directors.

• Request for proposals were distributed to the state radiation control programs, public health preparedness directors, and state medical reserve corps coordinators in November, 2011 and posted to the CRCPD website.

• The Health Physics Society, Society of Nuclear Medicine, American Association of Physicists in Medicine, and the American Society of Radiologic Technologists were sent letters in January 2012 to encourage their notification of society chapters about the project and the request for proposals.

• On November 30, 2011, Isabelle Busenitz and Jessica Snook were invited and attended as presenters to the Region V and VII Medical Reserve Corps (MRC) conference in St. Louis, Missouri. Both individuals provided presentations on the Radiological Response Volunteer Corps (RRVC) and the Community Reception Center concept.

• On December 2, 2011, an example of the RRVC proposal and RRVC fact sheet were sent to the OED.

• HS/ER-10 chairperson attended the Kansas MRC Unit Coordinators bi-monthly meeting in Topeka, Kansas, on December 7, 2011. At this meeting a brief overview of the RRVC program in Kansas was given. The RRVC brochures and RRVC fact sheet were distributed while at this meeting.

• On January 9, 2012, the draft RRVC grant announcement letter was developed and sent to the CRCPD Office of Executive Director (OED).

• On January 13, 2012, the draft evaluation matrix for the RRVC grant proposal was submitted to the HS/ER-10 task force for review and edit.

• HS/ER-10 met via conference call on December 14, 2011, and January 17, 2012.

Suggested State Regulations Council
David Allard, CHP (PA), Council Chairperson

SR-A – General Provisions (Part A)
Robert Greger (CA), Chairperson

• No activities reported during this period.
CRCPD Working Group Activities (Continued)

Suggested State Regulations Council Reports (Continued)

HS/ER-10 (Continued)

SR-B – Registration of Radiation Machines, Facilities, and Services (Part B)
Vacant, Chairperson

• No report received.

SR-C – Licensing of Radioactive Materials (Part C)
Mike Welling (VA), Chairperson

• No activities reported during this period.

SR-D – Standards for Protection Against Radiation (Part D)
Robert Greger (CA), Chairperson

• No activities reported during this period.

SR-E – Radiation Safety Requirements for Industrial Radiographic Operations
Ann Troxler (LA), Chairperson

• No report received.

SR-F – X-Rays in Health Arts (Part F)
John P. Winston (PA), Chairperson

• John Winston (PA) was approved as chairperson January 5, 2012.

SR-G – Use of Radionuclides in the Healing Arts (Part G)
Gwyn Galloway (UT), Chairperson

• No report received.

SR-H – Radiation Safety Requirements for Analytical X-Ray (Part H)
David Allard (PA), Chairperson

• The January 2012 International Atomic Energy Agency (IAEA) draft Safety Standard “Application of the Principle of Justification to Practices, including Non-Medical Human Imaging” was recently reviewed for applicable aspects for Part H.

SR-I – Radiation Safety Requirements for Particle Accelerators (Part I)
David Allard (PA), Chairperson

• SR-I is reviewing the recent revision of Part I regarding requirements for decommissioning funding financial assurance.
SR-J – Notices, Instructions, and Reports to Workers: Inspections (Part J)
Robert Greger (CA), Chairperson
• No activities reported during this period.

SR-M – Licensing Requirements for Land Disposal of Radioactive Waste (Part M)
• SR-M was reactivated in December 2011.

SR-R – Radon (Part R)
Robert Stilwell (ME), Chairperson
• SR-R met via conference calls nine times during this period.
• Assisted with a one day training on Building Technical Capacity at the 21st National Radon Training Conference in Orlando, Florida.
• SR-R submitted comments and rebuttal comments on the standards developers response to comments submitted.
• SR-R is currently reviewing a radon reciprocity appendix, and QA appendix, as well as an AARST/ANSI (American Association of Radon Scientists and Technologists/ American National Standards Institute) radon residential RRNC (radon resistant new construction) standard.

SR-S – Bonding and Surety (Part S)
Anine Grumbles (WA), Chairperson
• No activities reported during this period.

SR-T – Transportation of Radioactive Materials (Part T)
Earl Fordham, CHP (WA), Chairperson
• Part T has been submitted to the OED for formatting.

SR-U – Licensing Requirements for Uranium and Thorium Processing and Related Radioactive Material (Part U)
Vacant, Chairperson
• Part U has been approved by the board of directors and sent for federal concurrence.

SR-V – Physical Protection of Byproduct Material
Frank Costello (PA), Chairperson
• No activities to report during this period.
SR-W - Radiation Safety Requirements for Wireline Service Operations and Subsurface Tracer Studies (Part W)
Mark Chrisman (LA), Chairperson
• No activities to report during this period.

SR-X – Medical Therapy (Part X)
Bill Dundulis (RI), Chairperson
• Part X is assisting AAPM (American Association of Physicists in Medicine) with the “Radiation Therapy Inspector Training” that will be held in conjunction with the 44th National Conference on Radiation Control.

SR-Y – Disposal of Contaminated Waste Water Sludge in Landfills
Jay Hyland (ME), Chairperson
• No report received.

SR-Z – Medical Credentialing (Part Z)
Paul Brown (IL), Chairperson
• Part Z has been approved by the board of directors and sent for federal concurrence.

Director Members
Becker, Cynthia L. (FL)
Harrison, Steven (VA)
Nauth, David (IN)
Rasmussen, Melanie (IA)
Stiker, Mary (IN)

Associate Members
Craig, Charlene (IA)
Dahlin, Randal (IA)
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Herbert, Lisa (MA)
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Kemp, Kellee (IA)
Leek, Angela (IA)
Meinholdt, Jason (KS)
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Welke, Richard (IA)

Affiliate Members
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Clements, Jessica (TX)
Geise, Richard (MN)
Kennan, Wendy S. (WI)
Lung, Christine (NM)
Pandya, Jatin (IL)
Platt, Pamela (VA)
Rosier, Natasha (NM)
Whitt, Brian (MN)
Wilcox, Pamela (VA)

New Members/ Classification Changes/ Retirements

Retirement
William A. Passetti
June 1, 2012
Directory Changes

Page 20 - FL – Remove William A. Passetti and insert Cynthia L. Becker, Acting Chief; insert email cindy_becker@doh.state.fl.us; insert new off-duty no: 850/251-7522. Insert that she is the director member.

CRCPD Board of Directors

<table>
<thead>
<tr>
<th>Board position</th>
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<th>State</th>
<th>Work Phone</th>
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</thead>
<tbody>
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<tr>
<td>Chair-Elect ..........</td>
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</tr>
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<tr>
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Articles should be sent to CRCPD, Attn: Lin Carigan, 1030 Burlington Lane, Suite 4B, Frankfort, KY 40601 (fax: 502/227-7862; email: <lcarigan@crcpd.org>). The deadline for contributions is the 15th of the month before an issue is to be published.

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