



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

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A Partnership Dedicated to Radiation Protection

April 2007

Message from Chairperson Pearce O’Kelley



Last and Maybe Least

Time does indeed fly. It’s hard to believe that this will be my last article for the *Newsbrief* as Chair. It’s been a very challenging year, but also a rewarding one. Despite starting my tenure in search for a new Executive Director, which occupied a lot of the Board’s time, we still were able to continue to provide valuable service and products for our members. The completion of the First Responders Handbook and acquisition of a DOE grant to help remove unwanted radioactive sources (Source Collection And Threat Reduction [SCATR] program) were significant accomplishments, along with the hiring of Ruth McBurney, CHP, a very competent and dedicated Executive Director. Our committees continue to do excellent work.

I encourage all members to seriously consider attending the Annual Meeting in Spokane, Washington, May 21 –24, 2007. I think we have a very comprehensive program with topics of interest to all members. I also encourage all directors to consider sending one of your newer employees to gain valuable knowledge about CRCPD and radiation protection.

To all non-agreement state directors and staff, please make an effort to attend the special interest meeting by NRC on the implementation of the Energy Policy Act of 2005 regarding the NARM rule.

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Regarding the non-Agreement States—NRC is planning to do a phased approach to terminate the waiver for non-Agreement States. On the effective date of the rule, NRC will terminate the waivers for Federal government agencies, Federally recognized Indian Tribes, Delaware, District of Columbia, Indiana, Puerto Rico, U.S. Virgin

**Chairperson's
Message**
[Continued]

Islands, Wyoming and Montana. Under subsequent phases, other waivers will be terminated. Unlicensed facilities will have 12 months to apply for a license; NRC licensees will have 6 months to apply to amend their current licenses. Of particular concern is the question of how unlicensed facilities can accept or distribute material. NRC has said that the rule is structured to allow this if they had already used or possessed material before the termination of the waiver.

There will be a special interest meeting on NRC's implementation of the fingerprinting requirements of Section 652 of the Energy Policy Act at the Annual Meeting. This issue was the subject of lively debate in an all States conference call at the OAS board meeting in April.

There also will be a special interest meeting at the Annual Meeting for OSHA to discuss their efforts to revise their occupational radiation exposure standards. The impact of this revision can have a significant impact on States and all licensees that possess both radioactive sources and x-ray. Different standards could be required for x-ray workers and materials workers.

In closing I would like to thank all those who continue to give their time and effort in support of CRCPD and our activities. The committee members, especially the chairpersons, contribute their time and knowledge unselfishly to provide our members many valuable products that enable us to perform our responsibilities at a much higher level.

A very special thank you goes to the Office of the Executive Director and the extremely dedicated staff; without their efforts, we could not be the respected organization that we are. They went through a very stressful first half of the year, facing job uncertainty, and still performed at the highest professional level that we sometimes take for granted. I appreciate all they did to hold the organization together during those trying times. I could not have performed my duties as Chair without them. I also would like to thank the membership for allowing me to serve CRCPD. I hope I didn't screw-up too much.



Greetings from your Executive Director



Ruth E. McBurney, CHP

As reported in February, I have hopped on a fast-moving train in my new role as Executive Director. You are well aware that there is a lot of activity on many fronts at the national level in the areas of radiation safety, source security, and emergency preparedness, and CRCPD continues to have key roles in all of these. I am taking the opportunity this month to update the membership on the activities of CRCPD, and in some cases its Federal partners, in several areas of effort: source security, homeland security, and basic radiation standards, as well as providing a fresh look at the future activities of CRCPD.

Source Security and Disposal

The Department of Energy has announced the funding of the 2007 Source Collection and Threat Reduction (SCATR) Program. Under this program, CRCPD will work with DOE to provide services and disposal funding for unwanted and orphan radioactive materials, as a supplement to the current Off-Site Source Recovery Project (OSRP) for high activity material and transuranic sources and current CRCPD activities in dispositioning orphan and unwanted material. We are excited about the expansion of this initiative; with this new program more entities will be able to dispose of unwanted sources and other sources than those currently being accepted under the OSRP program. The E-34 Committee on Unwanted Radioactive Materials will establish the criteria for materials eligible for CRCPD/SCATR funding of disposition, so you will be hearing more about this very soon.

One of the key steps in this program is outreach to radiation control programs, user groups, industry, and professional organizations. We plan to exhibit and provide appropriate informational materials at several organizations' meetings during the next several months, as well as to make presentations on the initiative.

Homeland Security

The completion of the RDD Handbook for First Responders has drawn considerable interest from a lot of people. The Handbook is being used as a resource in other written materials on the topic, and several States are using the forms and some of the information to tailor it for their use. In addition, the OED continues to receive many orders for the Handbook in hard copy by first responder groups, state radiation control programs, and others. Additional modules to the Handbook are in the planning stages.

**Executive Director
Greetings**
[Continued]

OSHA Standards

As many of you are aware, the Occupational Safety and Health Administration (OSHA) is in the process of developing occupational standards for radiation workers under their area of jurisdiction. Part of their process includes a risk analysis for radiation workers, which is being performed by the National Institute for Occupational Safety and Health, and stakeholder meetings with worker groups in four areas—healing arts, non-destructive testing, accelerator operations, and security.

In March, Pearce O’Kelley and I met with staff of OSHA’s Division of Standards and Guidance. We offered a liaison from CRCPD as they work through their rule making process. We stressed the importance of coordinating with the radiation control programs, since they already have standards in place for users of radioactive material, much of which is covered under AEA agreements, as well as for users of machine sources of radiation. Also, often both of these types of sources of radiation are at the same facilities and used by some of the same workers.

We also invited OSHA representatives to participate in the Annual Meeting in Spokane, and a special interest meeting is scheduled.

Future Activities of CRCPD

The Board and OED are in the process of considering future activities and roles for CRCPD for the benefit of the membership in carrying out their radiation control responsibilities. In order to get the most input on this, we plan to send out a short web-based survey very soon to obtain information on this and other member concerns. We encourage you to submit your thoughts through this survey. We are also planning a Members Forum at the Annual Meeting in Spokane in May, at which we will discuss this and other topics to further develop a set of recommendations for the Board to consider for action. Your input is very important to this process and to the continuing mission of the organization.

Best regards to all,
Ruth



CRCPD Working Group & Liaison Activities



A Sampler by Any Other Name - ERAMS Becomes RadNet and CRCPD Helps

By Debra McBaugh (WA), Chairperson of the HS/ER-1 Task Force for Expansion of the EPA Environmental Radiation Ambient Monitoring System

Many of you are familiar with the Environmental Radiation Ambient Monitoring System (ERAMS) program that was created in 1973 when EPA consolidated a number of environmental radiation monitoring systems. ERAMS collected and analyzed a number of media on a regular basis to measure both what radioactive material was in them and, equally importantly, what radioactive material was not.

A major component of the ERAMS system was a network of air samplers spread across the country, from Hawaii and Alaska to Florida and Maine. The samplers consisted of pumps that pulled air through filters that could be sent to the EPA lab for analysis. The design of the samplers focused more on robustness and simplicity than sophistication. The system has provided valuable information during and after events like Chinese nuclear weapons testing, Three Mile Island, and Chernobyl.

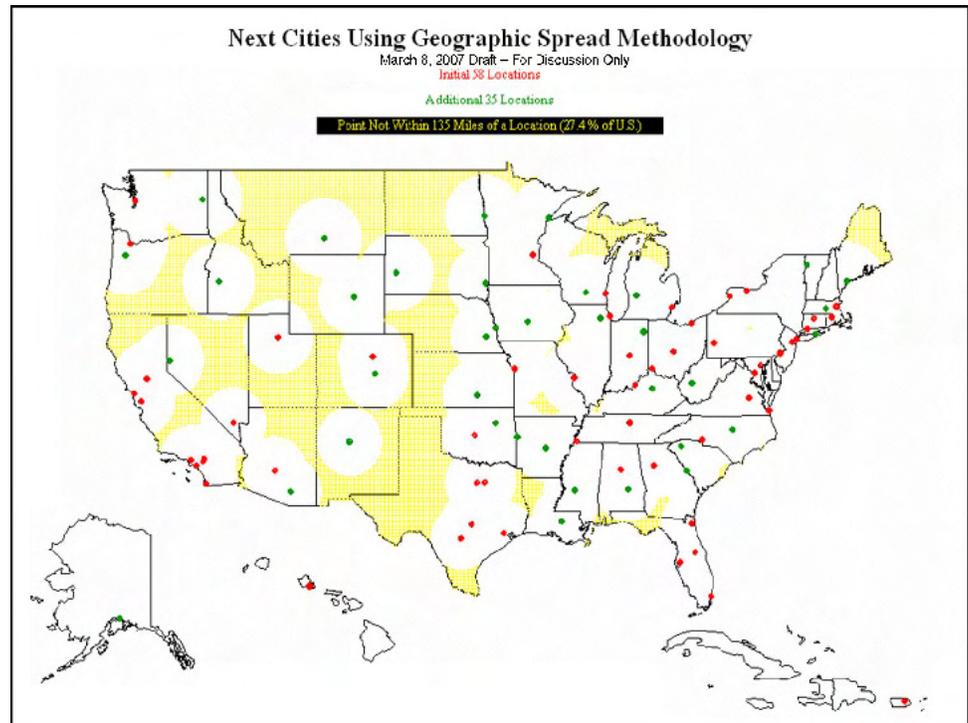
Now, when radiological terrorism events are a consideration, EPA is updating and expanding the air monitoring portion of the system. This includes giving the system a new name: RadNet. The update involves new sampling equipment capable of doing real time isotopic analysis of the particulate on the filters and transmitting that data via the internet. It also involves a database capable of handling tens of thousands of data points per day (versus ERAMS' hundreds per week). Originally there were 53 sampling sites. Within the next two years, EPA hopes to have more than 100 sites.

Sampler locations are chosen both to address high population areas and to ensure geographical coverage of the country. A draft map showing current and proposed sampler locations is shown below. EPA would like help and suggestions from States and asked CRCPD to provide this. A task force (HS/ER-1) was created to give input on the methods for locating samplers, the implementation of the system, and how data could best be provided to the States. A final meeting of the task force with EPA is planned for this summer. In addition, Ron Fraass, now of EPA, will present a poster at the CRCPD Annual Meeting in May entitled: RadNet—Environmental Radiation Ambient Monitoring (ERAMS) for the 21st Century. Please visit if you can and provide them your input.

CRCPD Working Group & Liaison Activities

[Continued]

RadNet [Continued]



Current and Proposed New Sampler Locations



Update on HS/ER-2 Activities

Adela Salame-Alfie, Ph.D., (NYSHD) Chair

Well, it's been a while since we provided an update of our activities, but even though you haven't heard much from us lately, we have been very busy. Some of you know us as the HS-5 Task Force, but you may recall that in a recent newsletter it was announced that the Homeland Security Council (HS) was changed to Homeland Security/Emergency Response (HS/ER) to be more consistent with our mission. So, the name is different, but the group remains the same.

Here's a brief summary of our latest activities:

- As you know, the long awaited CRCPD Handbook for Responding to a Radiological Emergency, the Radiological Dispersal Device (RDD) Handbook, was published early this year and copies were sent to all program directors, the Centers for Disease Control and Prevention ([CDC], which partially funded this effort), and the rest of our Federal partners. We worked extensively for over two years to produce the RDD Handbook and the pocket

CRCPD Working Group & Liaison Activities

[Continued]

HS/ER-2 Activities [Continued]

guide, with plenty of volunteer time and effort. We were fortunate to have a network of local, State and Federal emergency responders to review and field test ideas that were ultimately used to shape the publications. Having their input through the development of the document made it a stronger and more appealing document, and I'm happy to report that it has been very well received!

- Even though the RDD Handbook was published this January, we were making presentations to many different groups, especially emergency response organizations, long before that. These presentations have been great since they have provided a bridge between radiation control staff and local first responders. A listing of some of our latest "speaking engagements" is provided at the end of this article.
- I am happy to announce that two National Council on Radiation Protection and Measurements (NCRP) committees (Scientific Committee SC 4-1 and SC 4-2) are using our handbook as a reference. The SC 4-1 Committee is updating NCRP 65, which deals with internal contamination. SC 4-2 is working on tools for quick assessment of internal contamination during a mass casualty radiological event. Upon approval to share the RDD Handbook with NCRP, Bill Bair, Chair of SC 4-1 told me "Thank you very much, Adela. The Handbook is impressive. It sets a high standard for us. While the focus of SC 4-1 is different, on the management of contaminated people regardless of the source of the contamination, we are including some guidance for first responders. So, there will be some of the same information as in the CRCPD Handbook, and we need to be consistent."
- The American Society of Testing and Materials (ASTM) committee E 54.2 is developing the standard for first responders competencies to respond to a radiological event and will also use our handbook as a reference.
- Portions of the handbook have also been posted on a recently released Health and Human Services (HHS) website (Radiation Event Medical Management), which is designed to provide tools to the medical community (first receivers) for response to a mass casualty radiological event: <www.REMM.nlm.gov>.

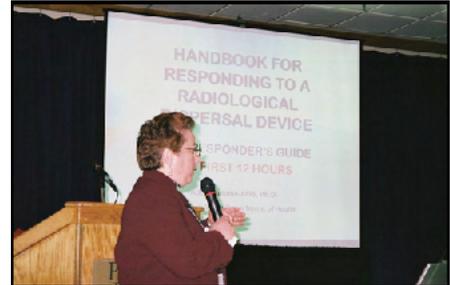
CRCPD Working Group & Liaison Activities

[Continued]

HS/ER-2 Activities [Continued]

Highlights of RDD Handbook Distribution/Presentations in 2007

- Presentation at the Northeastern New York Chapter of the Health Physics Society
- Presentation at the 2007 Radiological Terrorism Preparedness Workshop in Alabama, sponsored by the South Central Center for Public Health Preparedness. This presentation used a scenario to demonstrate the use of the RDD Handbook. About 100 people, including county health departments, nursing, EMS, and first responders attended this meeting
- “Medical Aspects of Radiation Emergencies” presented at the Christiana Care Medical Reserve Corp in Delaware. This was presented to over 50 members of the Medical Reserve Corp for the largest acute care hospital system in Delaware, whose mission would be to staff an Acute Care facility, as part of surge capacity for the emergency department. The talk included the RDD Handbook and several other references with useful information for first receivers, including some content from the new REMM.nlm.gov website.



A. Salame-Alfie presenting at the workshop



Kirk Whatley presenting

Upcoming presentations

- Scheduled to present two breakout sessions during this year's National REP Conference
- Invited speaker at the special session “Community Preparedness for Radiological Terrorism Response” of the 52nd Annual Meeting of the Health Physics Society
- Seminar at the New York State Department of Health, Center for Environmental Health Seminar Series

CRCPD Working Group & Liaison Activities

[Continued]

HS/ER-2 Activities *[Continued]*

- Two day training for county health department staff at the University of Albany, School of Public Health
- Training for the New York Office of Fire Prevention and Control staff

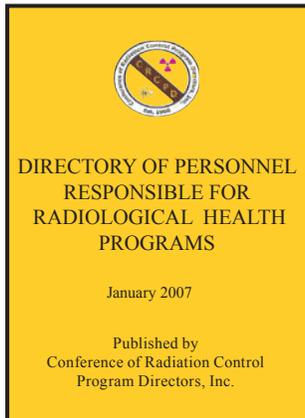
RDD Handbook Distribution

The CRCPD OED staff is the primary source for distributing the RDD Handbook. Members of the task force have been responsible for distributing copies among different groups in their State. Here is just a small sample of the groups that have received (or are slated to receive) copies of the handbook and/or pocket guide:

- New York State Department of Health, county health departments and members of the Chemical Biological Radiological Nuclear Explosive task force (which includes police, emergency management, homeland security, fire protection and control, environmental conservation, etc.)
- New York Civil Support Team
- Fire Department of New York
- Boston, Massachusetts EMS and Police
- Worcester, Massachusetts EMS and Police
- West Boylston, Massachusetts Fire Department
- Massachusetts Department of Fire Services
- U.S. Coast Guard
- Iowa HAZMAT teams
- Iowa State Radiation emergency response teams, civil support team, hospital planners, homeland security and bomb squads.
- Delaware HAZMAT Teams
- Delaware National Guard Civil Support Team
- Delaware National Guard REP Field Monitoring Teams
- Delaware State Division of Public Health Radiation Control Staff

I'm sure that by the time you read this, there will be more presentations and more groups will have received their copy of the RDD Handbook. I want to take this opportunity to publicly recognize all the members, advisors, and reviewers who gave their time and energy to make this significant achievement possible. I am looking forward to working with all of you on our next project, which is to provide much needed tools for the first receivers dealing with a radiological mass casualty event.





Directory Updates

- Page 5 AL: Insert Bradley Grinstead, Director, X-Ray Compliance & Registration, Phone: 334/206-5391, email: <bgrinstead@adph.state.al.us>, Off-duty: 334/514-7857, Pager: 334/516-7857.
- Page 8 AZ: Insert new email addresses:
 Aubrey Godwin: <agodwin@azrra.gov>;
 William Wright: <wwright@azarra.gov>;
 Gary Freeland: <gfreeland@azarra.gov>;
 Toby Morales: <tmorales@azarra.gov>;
 Art Nunez: <anunez@azarra.gov>;
 Robert Cope: <rcope@azarra.gov>;
 Shanna Farish: <sfarish@azarra.gov>;
 John M. Gray: <jgray@azarra.gov>.
- Page 20 IL: Steve Collins-insert "Registration and Certification Section" after title;
 Vinson Gibb-change email: <gibb.vinson@illinois.gov>.
- Page 22 GA: Cynthia Sander-remove "Acting" from title.
- Page 28 IN: Rex J. Bowers-insert new title: "Program Director, Radiological Health Specialist";
 Laura Dresen-insert new title: "Health Physicist 1";
 W. Phillip W. Eley-insert new phone no: 317/233-7190, Ext. 258;
 Mary Stiker-insert new fax no: 317/233-7154;
 Darleen Hopper-insert new fax no: 317/233-7154;
 Insert Lorna A. Wheat, Health Physicist 1, Medical Radiology Services, phone: 317/233-4943, email: <lawheat@isdh.in.gov>, fax: 317/233-7154;
 Kathleen Benassi-insert new fax no: 317/233-7154;
 Pamela Tubbs-insert new fax no: 317/233-7154;
 Jane Smith-change address: 550 West 16th Street, Suite B, Indianapolis, IN 46202, phone: 317/921-5515; fax: 317/927-7807;
 Michael Oberthur-change address: 550 West 16th Street, Suite B, Indianapolis, IN 46202, phone: 317/921-5517, fax: 317/927-7807.
- Page 29 IA: Insert new phone numbers for the following:
 Daniel K. McGhee: 515/281-0411;
 Paul Koehn: 515/281-0425;
 Charlene Craig: 515/281-0215;
 David R. Myers: 515/281-0430.
- Page 31 KY: Clay Hardwick-insert new phone no: 502/564-4856.
- Page 35 ID: George Eicholtz-change email: eicholtz@dhw.idaho.gov>.
- Page 36 MA: Robert J. Walker-change "Schraff and Center" to Schrafft Center.
- Page 75 TX: Susan M. Jablonski-insert "PE" following name.
- Page 78 VT: William Irwin-change email: <wirwin@vdh.state.vt.us>



New CRCPD Members & Classification Changes

Director Members:

Ferruolo, John (RI)
Hogan, Tom (MN)
Smith, B.J. (MS)

Associate Members:

Bangert, Scott (KS)
Barney, Jason (KS)
Brown, Candance (MN)
Coulter, Lyle (MO)
Gordy, Brent (KS)
Hannah, Shay (KS)
Jones, John (KS)
Kehn, Heather (MN)
Lawrenz, David (KS)

McCracken, Chuck (OH)
Miller, Joshua (MN)
Mitchell, Timothy (NV)
Pappas, Kimberly (MN)
Schanlansky, Jay (KS)
Siemers, Cynthia (KS)
Sunderlin, Ben (MN)
Welling, Michael (VA)
Xiong, Tou X. (MN)

Affiliate Members:

Kramer, Douglas (CA)
Wiebeck, Kim (AR)



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Articles should be sent to CRCPD, Attn: Curt Hopkins, 205 Capital Avenue, Frankfort, KY 40601 (fax: 502/227-4928; email: <chopkins@crcpd.org>). The deadline for contributions is the 15th of the month before an issue is to be published.

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