



NEWSBRIEF

August 2005

CRCPD's Mission: A Partnership Dedicated to Radiation Protection

Message From Debra McBaugh, Chair



The Busy Travels of a CRCPD Chair and the Second Goal

A trip to Washington, D.C.- First stop, August 16 – the CRCPD executive team, Ed Bailey (CA), Past Chairman; Pearce O’Kelley (SC), Chair-Elect and I joined the Organization of Agreement States (OAS) executive team to meet with the Nuclear Regulatory Commission (NRC) Commissioners. The topics covered are shown below. As your chair I was tasked with 3 presentations. In my introductory minutes, I expressed our appreciation for two things: the withdrawal of the Control of the Disposition of Solid Materials rule and the establishment of a temporary waiver to the portion

of the Energy Bill (signed by the President, August 8, 2005) that extends NRC’s authority to discrete sources of radium and accelerator-produced radioactive material. The waiver allows states to continue with already operating programs that regulate this material until NRC finalizes its own regulations.

The second presentation dealt with Industrial Radiography Certification. As I have found,

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Chair's message

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the only way I can fulfill my duties as Chair is having the help of so many knowledgeable members. In this case, Jan Endahl shared her extensive experience and knowledge, and helped me develop the talking points. Thanks so much, Jan!!

Agenda briefing

- OAS Petition to Amend the General License Rule and Compatibility- Steve Collins
- Industrial Radiography
- OAS Plan to Submit Rulemaking Petition on Two-Person Radiographer Rule
- CRCPD Review of New State Industrial Radiographer Certification Programs
- Letter of Support for Locating a Radiation Control Program in a Single State Agency
- Energy Policy Act of 2005 – Naturally Occurring and Accelerator-Produced Radioactive Material (NARM) Issues
- Background on OAS Strategic Plan and Vision Statement

Next stop, August 17 - we met with the Domestic Nuclear Detection Office under the Department of Homeland Security (DHS). Barbara Hamrick (CA), OAS Chair-Elect, and I gave a presentation covering what states already do to control radioactive sources, described the regulatory picture for our states, and emphasized our role in protecting health and safety vs. DHS's role addressing security.

Next stop, August 18 - Pearce O'Kelley (SC) and I met with Environmental Protection Agency (EPA) at its headquarters. We talked with staff from the Office of Radiation and Indoor Air about many topics including BEIR VII, Low Activity Mixed Waste, and radon. We also met with the EPA lab directors via video conferencing.

Final stop – home at last !

My second goal as your Chair

In my last article, I mentioned my first goal: continue and strengthen our close partnership with the Organization of Agreement States. My second goal is to expand and make use of CRCPD's speakers' bureau. Did you know we have one? We do, but it has been in mothballs for a while. Now is the time to invigorate it.

With the work being done by the HS-5 task force [Adela Salame-

Chair's message

(continued)

Alfie (NY), Chair; Frieda Fisher-Tyler (DE); Patricia Gardner (NJ); Kathleen Kaufman (La. Co./CA); Bob Gallagher (MA); Aubrey Godwin (AZ); and Marinea Mehrhoff (LA)] under the Homeland Security Council, we have much worthwhile material that was developed for first responders and is valuable for them and ourselves. Thanks to their efforts, we will soon be able to provide you a pocket-sized five-panel brochure and a handbook with useful information for first responders.

Now it is up to you since this goal is dependent on you. A speakers' bureau must have people willing to speak. As state radiation control people, this is a great opportunity for us to meet our state's first responders, build relationships, and provide them useful information about responding to a Radiological Dispersal Device (RDD). Please let us know if you are willing to start building those relationships providing this material along with the knowledge each of you has on the practical aspects of controlling radiation.

****Think Thoroughly****Decide Slowly****Speak Thoughtfully****



“The Seeds of My Discontent”

Hello, all!

I warned you in my very first column in April that I occasionally have been known to tell (long) stories. So, I would like to start off with a short long story.

“From a tiny seed, springeth the mighty oak”

As Debbie Gilley reports elsewhere in this issue, she, Debra McBaugh and I attended the American Association of Physicists in Medicine (AAPM) annual conference in Seattle at the end of July. Prior to that conference, AAPM held its “summer school” at Seattle University. At our annual conference in Kansas City, I spoke with Dr. Herb Mower, the chair of AAPM’s Education Committee, and he generously invited me to attend the summer school. I thought that it would be a great way for me to better understand the medical uses of radiation and radioactive material—and I was not disappointed. I also wanted to see how the school was managed to determine if something similar could be offered for CRCPD members in the future.

ATHOMIC INTERACTIONS

By Thom Kerr (OED)
Executive Director



ATHOMIC INTERACTIONS

(continued)

As one of the summer school students, I stayed in the Seattle University dorms as everyone else did. (It has been a long time since I lived in a dorm and shared a bathroom down the hall!) Classes started early and ran very late each day and I really enjoyed the interactions with everyone. But my story involves really only one isolated incident.

One morning's classes were focused on prostate brachytherapy. This is a topic of very high interest to men so I was paying very close attention. There were spectacular images of radioactive seed arrays after implantation and very good cross-sectional drawings of the anatomy involved—even as a layman, I could understand what was happening. The actual photographs of the insertion of the ultrasound unit and the implantation of the radioactive seeds were, however, another matter. I have never been good with medical procedures (particularly long, large-diameter needles) on film or in pictures much less in person. Anyway, I made it through the morning class and I was at the break, sipping a cool drink, and maintaining a cool, calm, professional demeanor. Along came Melissa Martin, one of my favorite AAPM liaisons to CRCPD. She apparently misread my cool, calm, professional demeanor and thought that it was more of a wide-eyed, jaw-dropping, cold-sweating, horrified panic. She asked me if that was the first time I had seen such photos and I said it was. She was very sensitive and sympathetic to my feelings—so, strictly for my further edification and to put me at ease, she then went into great detail on several such procedures in which she had participated. Although I may have paled just a bit during her vivid descriptions, she again misunderstood my continued cool, calm, professional reactions as being somewhat akin to a skittish, high-strung, thoroughly lathered horse in the presence of an angry diamondback rattlesnake.

I thought the story ended there (being fully confident of Melissa's discretion), but later in the week during the AAPM Conference Night Out, Lynne Fairbent was introducing Debbie Gilley and me to the people around one of the tables. One of the people there whom I had never met jumped up, pointed a spotlighting finger (I believe the lights also brightened and increased in heat at this point), and loudly guffawed so that everyone within a one-mile radius could hear, "Oh, you're the guy from the summer school! We heard you turned into a gob of gibbering pudding during the prostate brachytherapy photos—the story is all over the Internet!"

It is amazing to me how stories get distorted in the retelling—imagine how odd it is that a cool, calm, professional demeanor could be misinterpreted and exaggerated into "a gob of gibbering

ATHOMIC INTERACTIONS

(continued)

pudding.” I only share this story with you in case you hear a further distortion of this canard so that you can nip it in the bud and relate to them that you believe it is entirely unfair to characterize cool, calm, professional behavior in such a way. As to Melissa’s discretion...as Jack Benny always said, “Well!”

“Skin that’n, Pilgrim, an’ I’ll get ye another!”

In keeping with my established tradition (I guess two columns can be said to constitute a tradition), I would like to share with you information on the “live grizzlies” that I am trying to skin right now or in the near future. In my last column, I shared with you my continuing concern for Lin Carigan’s health situation. I am pleased to report that Lin is making good progress in her job of getting better, but still has firm instructions that her highest priority is to continue to get better—we like her too much to accept anything else! So, I thought that the staff “health grizzly” was mostly skinned. Wrong! Along comes Bruce Hirschler, who apparently has a ladder that does not understand the general physics of gravity and the consequences of letting gravity take over. The offending ladder threw Bruce for a loop and the resulting impact caused a tear in his liver, a partially collapsed lung, and more pain than anyone should have to bear. So Bruce was out for a couple of weeks and is just now returning to work on a “working wounded” basis until he is fully recovered. His top priority is to get better, too. I believe strongly in teamwork, but this was not one of the original goals I envisioned for the staff; however, it is the most important one to me. This occurred while I was at the AAPM Annual Conference in Seattle and I am beginning to wonder if these disasters are caused by my attendance at conferences or if it is just a curious correlation. Not enough data points yet to determine conclusively—and I hope I don’t get any more data points, either.

“...and another!”

In business-related grizzlies, we are working hard here to streamline procedures and to achieve significant cost savings to give members and sponsors better services and products. If you travel, you will note the new, simpler travel procedures, which, combined with our new internal procedures, will save us at least \$10,000 per year. We are also working on a more complete project management system to assist us in planning and performing CRCPD’s work—this is a big job, but it is a vital piece in optimizing organizational performance.

One other piece of non-grizzly business-related news—in fact, very

ATHOMIC INTERACTIONS

(continued)

good news! I would like to welcome Ed Lohr as our Technical Support Officer. Ed is currently the Radon Program Manager for the Commonwealth of Kentucky and brings years of radioactive materials experience with him as well. He will be instrumental in helping us to expand and focus our technical capabilities as we prepare for and undertake new initiatives. Hopefully, he will also be able to assist me in skinning any new grizzlies that show up. Ed reports for work beginning September 6, 2005. Please make him feel as welcome as you have made me feel!

Live grizzlies everywhere, but ..."

...I've probably gone on long enough for this time. I'll fill you in more in the October issue about our progress here and, hopefully, I will be able to report that the entire staff is healthy and at 100%. Also in that issue, I hope to be able to report to you on possible new programs and opportunities on which we are working.



Changes for CRCPD travelers

By Sue Smith (OED),
Administrative Officer

Effective immediately, CRCPD travelers will no longer use the Travel Authority (formerly called Carlson Wagonlit) to book airline reservations. In order to save money, the Office of Executive Director has taken on the responsibility of booking airline reservations for CRCPD travelers. This change should result in an approximate savings of \$10,000 annually.



CRCPD travelers will be provided detailed instructions about making airline reservations via e-mail when authorized to travel. We hope this transition will be painless for everyone involved.

CRCPD travelers' reporting procedures

The CRCPD Board of Directors has changed the way they conduct business on a day-to-day basis. As many past board members are aware, the CRCPD Board used a telephone system (t-mail) to approve motions, etc. For greater convenience, the Board has agreed to eliminate the t-mail system. Effective immediately, the Board will use e-mail instead of t-mail.

All persons traveling on CRCPD funds should provide the Board of Directors with a brief report of the meeting(s) attended. CRCPD travelers will be provided detailed instructions on submitting their electronic report to the Board when authorized to travel.



AAPM meeting

By Debbie Gilley (FL), Liaison
to AAPM

On July 25-28, Thom Kerr, Executive Director, Debra McBaugh, CRCPD Chair, and I attended the American Association of Physicists in Medicine (AAPM) meeting in Seattle. The week was filled with many opportunities to meet members of the AAPM, beginning with Monday morning. This was an informal get-together to encourage candid conversations about what the needs of both organizations are and how we could help each other.

Howard Amols, President, announced that the AAPM will continue to provide pre-conference training for the 2006 Detroit meeting, and that the organization was looking into providing access to its technical documents available on the AAPM web site. The availability of the AAPM technical documents is a great opportunity to use these documents in developing policy, procedures, and suggested regulations. The Technical Guidance documents include topics on quality assurance in radiography and radiation therapy that will benefit our members in determining the adequacy of a radiation protection program in medical facilities.

The technical sessions of the meeting were diverse; the topics had a familiar ring. They were also topics that CRCPD had identified as areas of interest: Computerized Tomography (CT); Positron Emission Tomography (PET)/CT; fluoroscopy; Intensity Modulated Radiation Therapy (IMRT); and new isotopes uses in radiation therapy. Most days, there were three concurrent educational tracks including medical imaging, medical therapy, and professional development. Over 4000 individuals registered for the meeting. There were about 120 vendors for medical imaging and therapy as well as demonstrations on treatment planning, treatment verification, new implant devices and techniques, and quality assurance equipment used in the profession.

On Thursday, Thom, Debra, and I provided a presentation to the membership about the CRCPD, the partnership between the two organizations, and the role of medical physicists in the event of a radiation-related response to terrorism.

In conclusion, thank you and the American Association of Physicists in Medicine (AAPM) for allowing me to participate and attend this meeting. I found the scientific and professional development section very informative and worthwhile. I would encourage all members who might have the opportunity to attend a national, regional, or local chapter meeting to attend in order to gain insight into the world of medical physicists.



**Bahamian
environmental
professionals visit
Florida Department of
Health**

Submitted by Debbie Gilley
(FL)

**Government officials exchange ideas, gain technical
knowledge from Florida's DOH Bureau of Radiation Control
training team**

TALLAHASSEE – The Florida Department of Health's (DOH) Bureau of Radiation Control recently welcomed government officials from the Department of Environmental Health Services in the Bahamas. Michael Wallace, a chief public analyst, and Anthony Ryan, a compliance and inspection officer, visited Winter Haven and Orlando to evaluate and attend DOH's radiation protection training program.

"The contributions being made by the Bureau of Radiation Control are a phenomenal testament to the type of resilience and excellence we strive for," said DOH Secretary John O. Agwunobi, M.D., M.B.A., M.P.H. "I am thrilled about our success and growing reputation as a resource to other states and countries."

The two government officials, who are responsible for radiation safety and security inspections in Freeport and Nassau, were participants in an outreach initiative that provides technical guidance and support to other states and countries. The initiative is sponsored by the International Atomic Energy Agency.

In addition to attending the radiation protection training program at the Polk County Health Department Environmental Laboratory, the two participated in radiological emergency response training at the bureau's Health Physics Laboratory in Orlando. They also performed radioactive materials inspections alongside inspectors from the Orlando field office.

Over the years, the Bureau of Radiation Control has developed a comprehensive, in-house training program, which is now touted as a national model. Due to federal budget cuts, the bureau lost its entire federal budget for radioactive material training in 1997 and after years of struggling to maintain a sufficient level of proficiency for technical staff, the group quickly shifted priorities and pooled limited funds to form a Training Action Planning team.

Led by a bureau-wide training coordinator, the group used feedback from staff surveys to develop a formalized process for grooming hard-to-replace staff typically lost to attrition, transfers, and retirement. A total of four months was devoted to researching training needs and conducting staff interviews.

The customized training is delivered in an interactive, "blended" format, complete with a mix of self-paced modules, hands-on activities, and on-site visits. It is also winning widespread praise

**Bahamian
environmental
professionals visit**
(continued)

and sparking interest from a variety of organizations including the United States Nuclear Regulatory Commission, which cited the training program as a model in its annual review report. Other states and countries are showing interest in being trained by the Radiation Control Bureau staff and implementing instructional modules produced by the team. Additionally, the team was awarded \$10,000 from DOH's Office of Performance Improvement to purchase training equipment.

The Bureau of Radiation Control is responsible for licensure of radioactive materials, registering x-ray equipment, inspecting radiation facilities, radiochemical analysis of the environment, and emergency response involving radioactive material and the three nuclear power plants. For more information, visit the Department of Health web site at www.doh.state.fl.us and select environmental health from the drop box or visit www.myfloridaeh.com/radiation.



Mike Wallace, Bill Passetti, Debbie Gilley and Anthony Ryan standing outside the Health Physics Laboratory in Orlando.

CRCPD Working Group Activities

**National radon
programs
reinvigoration**

By Michael Gilley (FL)
Chair E-40

In response to an opportunity to re-establish program position and to strengthen current efforts nationwide, a cooperative effort across federal, state, and advocates has been initiated to "reinvigorate" indoor radon programs. Responding to a proposal from the U.S. Environmental Protection Agency (EPA), Office of Radiation and Indoor Air (ORIA), the CRCPD Board of Directors established a new working group, "E-40 Task Force to Revitalize the National Radon

National radon programs reinvigoration

(continued)

Program for States,” for the purpose of providing new ideas and potentially a new direction for the national radon program.

During the afternoon of Sunday, April 25, 2005, just prior to the 37th Annual CRCPD Meeting, 24 invited attendees convened to discuss past national radon program accomplishments and strategic plans and to appraise and provide comment on the draft ORIA radon reinvigoration proposal and its goals. The invitees represented several state radiation program directors, state radon program directors, radon advocacy partners, U.S. EPA representatives, and OED staff. Comments, suggestions, and views collected during this session are being evaluated by the chairman and membership of the E-40 committee. A report of the meeting’s findings and recommendations will be prepared for EPA, the states, and the Conference’s environmental council chair and will be submitted for publication in the *Radon Bulletin* and *Newsbrief* by September 2005.

Society of Nuclear Medicine meeting report

By Debbie Gilley (FL), H-28
Liaison to Society of
Nuclear Medicine

The Society of Nuclear Medicine (SNM) held its scientific and governance meeting June 16-22, 2005. I had the pleasure of representing the CRCPD for the governance meeting and three days of the scientific meeting. The society sets aside three days for governance meetings that are very informative. The scientific meeting is electrifying; each year the scope of isotopes used in molecular imaging research is presented. The diagnostic and therapeutic capabilities can be overwhelming.

On Thursday, the National Council of Representatives met to discuss issues of concern regarding technologists. The national council is similar to a legislative body that has representation from all 12 regional chapters. They identify issues to be voted on by the executive council. Two topics that may interest our membership are:

- **Advanced practitioner:** Similar to the Radiology Assistant, it is proposed to have Masters level education and required work experience. The difficulties facing a state with a licensure program will be dependent on what its current regulations are, and the scope of practice for this advanced degree (e.g., clinical procedures manual, QA, radiation safety officer).
- **Entry level educational requirements:** The current educational requirements for technologists for certification can be achieved by completing a certification program, associate degree, or a Bachelor of Science (B.S.) degree. The national council

**Society of Nuclear
Medicine**
(continued)

approved supporting the completion of a mandatory B.S. degree by the year 2015 to be eligible to take the certification exam.

On Friday I attended the Committee on Radiopharmaceuticals meeting:

- Department of Energy (DOE) funding was discussed in this meeting and the government affairs meeting. In the appropriations package, the funding from DOE for biological and environmental research medical application and measurement science program was eliminated (\$37 million). This is the research that developed the radiopharmaceuticals and equipment used in nuclear medicine today (molybdenum generators; Single Photon Emission Computed Tomography (SPECT); and Positron Emission Tomography (PET) cameras). An intensive letter-writing campaign is being used to have the funding restored.

The afternoon was spent at the government affairs meeting where the discussion continued about DOE funding, some reimbursement issues, and two other topics that may interest CRCPD membership:

- The “dirty bomb legislation” (amendment to the Atomic Energy Act (AEA)): a major concern is the isotopes that would be regulated under NRC, primarily the isotopes used in PET production with very short half-lives.
- The Energy Policy Act of 2005 will allow the continued development and exportation of highly enriched uranium (HEU) for the production of radiopharmaceuticals. Over 80% of all radiopharmaceuticals require the use of a small amount of HEU to be used in targets. If that bill does not pass, there may be concerns about the availability of material for medical applications. The Council on Radionuclides and Radiopharmaceuticals (CORAR) is spearheading a letter-writing campaign on this issue.

Hugh Cannon, Public Affairs Department of the SNM was very, very complimentary of the CRCPD. He encouraged the leadership to continue support to our organization. Lyn Mehlberg also had many kind words to say about the involvement the technologists section has had with the CRCPD.

Saturday, Sunday, and Monday were filled with scientific presentations; some are noted below.

**Society of Nuclear
Medicine**
(continued)

- Use of PET/CT: The scientific presentations on molecular imaging reinforced the dynamic, fast-changing profession. PET isotopes are being used to detect more and more types of illness and disease. Several presentations were on Parkinson disease, cancer, and cardiac imaging.
- Patient doses: There is an interest in dose distribution. One afternoon physicians had the opportunity to sit in on a lecture about using Medical Internal Radiation Dose (MIRD) in dose calculations. Another afternoon was spent on radiopharmaceuticals.
- Monoclonal antibodies: Monoclonal antibodies have opened up opportunities for all kinds of combinations. Papers were presented on the use of Iodine 131 for treatment of pancreatic tumors and Yttrium 90 for colon cancer. The buzz word was biological markers (biomarkers). Research to identify biomarkers lead to the availability of a tagging agent for the isotopes to be used in therapy. The molecular size and design lead to a therapeutic agent that goes directly to a tumor. PET/CT is still a hot research topic and is also the fastest growing ordered diagnostic scan. There is so much valuable patient information from the scan that other conventional diagnostic x-ray and nuclear medical procedures are not being performed. Other isotopes are being explored for potential use.

The Exhibit hall opened on Saturday. Over 180 vendors demonstrated new cameras, new isotopes, survey meters, dose calibrators, and radiopharmaceuticals. Overall, the meeting was very successful in promoting CRCPD.



**NCRP Annual
Meeting report**

By David J. Allard (PA)
CRCPD Liaison to NCRP

The 41st Annual Meeting of the National Council on Radiation Protection and Measurements (NCRP) was held at the Crystal Forum, Crystal City Marriott, Arlington, Virginia on March 30 & 31, 2005. The topic was Managing the Disposition of Low-Activity Radioactive Materials, with a number of nationally and internationally recognized presenters. These individuals were from government, academic, and industry sectors; they reviewed the current situation in the U.S. with respect to the classification and disposal options for low-activity radioactive materials. Go to www.crcpd.org and select "Reports on Meetings" for the full report.



EPA upgrades air portion of its radiation monitoring system

By Mary E. Clark (EPA)
Office of Radiation and
Indoor Air

HS-3 held a Task Force meeting in August to continue providing EPA with input on its development of the expanded air monitoring program.

EPA is currently upgrading and expanding the air portion of its environmental radiation monitoring system, RadNet, formerly known as the Environmental Radiation Ambient Monitoring System (ERAMS). The action responds to the recent emphasis on homeland security since, in the early stages of a radiological incident, air is the most likely exposure pathway.

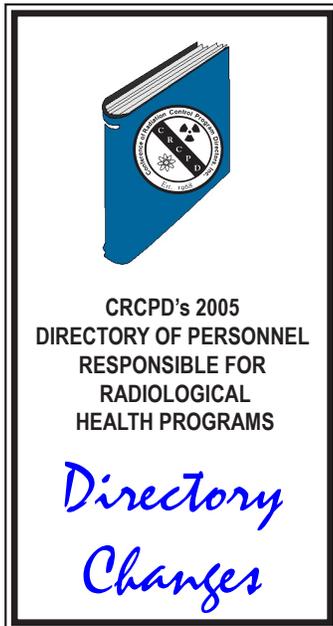
By adding new air monitoring stations across the country with the enhanced capability to detect and rapidly report environmental levels of radiation, EPA will provide public officials information to help them determine if and where additional assessments may be needed. EPA has developed a strategy to place the new fixed station monitors in locations that will ensure improved national coverage from both a population and geographic standpoint. The monitors will continue to be operated by volunteers.

The expanded RadNet system will provide information to help evaluate the degree and extent of contamination caused by an accidental release or a terrorist incident. The upgrades will include:

- air monitors that automatically transmit near-real-time data;
- the additional placement of monitors to improve national coverage; and
- air monitors that can be deployed in the event of an accident or terrorist event involving radioactive materials.

The system has been monitoring the nation's air, drinking water, precipitation, and pasteurized milk for nearly half a century, providing baseline data on background levels of radiation in the environment, and tracking increases above background from a variety of sources.





New Members/Classification changes

- Director Members - Beckley, Karen (NV)
Crawford, Dewey (KY)
Vranka, Joseph (CO)
- Associate Members - Collins, Jerry (NY)
Kelly, Lori L. (WV)
Morgan, Sara (NE)
Wainhouse, Leo (WA)
- Affiliate Members - Dale, Don (NM)
Goriparthi, Rao (CA)
Kerr, Thom (OED)
Ortiz, Debra (CA)
Peterson, Alyce (NY)
Smith, J. D. (KY)
West, Shaun (OK)

Directory Changes

(NOTE) In the future, directory changes will appear on the CRCPD web page, under the “Members Only” section, and not in the *Newsbrief*. New members/classification changes will, however, still be in the *Newsbrief*.

- Page 10 - CA – insert new 24-hour phone no: 800/421-2921
- Page 12 - CA, San Diego County – Ron Yonemitsu insert new phone no: 619/338-2969 and insert 24-hour phone no: 619/778-2889
- Page 13 - CO – remove Pamela Harley and insert Joe Vranka, Manager, phone no: 303/692-3402, e-mail: <joe.vranka@state.co.us>; and remove Jack Barr in its entirety.
- Page 24 - HI – remove Lynn M. Nakasone and insert Jeffrey M. Eckerd, Supervisor, Radiation Section, Radiological Response/Radiologic Technology, phone: 808/586-4700; e-mail: <jeckerd@ehsdmail.health.state.hi.us>

Directory Changes

(continued)

- Page 25 - ID – remove Outside State phone number; remove Doug Walker and insert Chris Halverson, Emergency Response Contact and NRC Liaison, phone no: 208/373-0498, e-mail: <chalvers@deq.state.id.us>
- Page 29 - IA – insert new fax no: 515/281-4529, Don Flater insert new address: Lucas State Office Building, 5th Floor, 321 East 12th Street, Des Moines, IA 50319
- Page 31 - KY – remove Robert L. Johnson and insert Dewey Crawford, phone no: 502/564-7818, Ext. 3695; e-mail: <dewey.crawford@ky.gov> Vanessa Breeding insert new phone no: 502/564-7818, Ext. 3693
- Page 40 - MI – Department of Community Health – remove James F. Camburn and insert Bruce Matkovich, Acting Chief, e-mail: <bmatko@michigan.gov>
- Page 42 - MS – insert 24-hour phone no: 601/352-9100
- Page 46 - NV – Remove Stanley R. Marshall and insert Karen K. Beckley, Supervisor; Telephone: 775/687-5394, Ext. 271, E-mail: <kbeckley@nvhd.state.nv.us>
- Page 53 - NY, State Environment Department – insert new 24-hour phone no: 518/457-2200
- Page 62 - OR – insert new 24-hour phone no: 971/673-0490, insert emergency response phone no: 971/673-0515, insert new fax no: 971/673-0553, insert new web site: <<http://www.oregon.gov/DHS/ph/rps>>; insert new phone numbers for the following individuals: Terry Lindsey 971/673-0499, Edwin L. Wright 971/673-0511, Daryl A. Leon 971/673-0511, Sylvia L. Martin 971/673-0503, Kevin Siebert 971/673-0506, Justin Spence 971/673-0508, J. Robert Rapcinski 971/673-0505, Steven C. Crawford 971/673-0491, Margaret Lut 971/673-0501, Terri L. Jones 971/673-0497, Mary B. DeFerrari 971/673-0492, Kristen L. Osborn 971/673-0502, Danny D. Loomis 971/673-0500,

Directory Changes

(continued)

- Philip R. Wilson, Jr. 971/673-0510, and Raymond A. Jester 971/673-0496; remove Theresa C. Gilbert and insert “Vacant,” new phone no: 971/673-0493
- Page 66 - PA, Pittsburgh Regional Office – John Winston insert new phone no: 814/332-6412 and new fax no: 814/332-6121
- Page 73 - SD – remove “vacant” and insert Todd McCaskell, Medical Facilities Engineer Supervisor, phone no: 605/773-3356, e-mail: <todd.mccaskell@state.sd.us>, fax: 605/773-6667
- Page 84 - WA – insert delivery/visitor address: 111 Israel Road, SE, Tumwater, WA 98501.



Reminder!

Have you visited the CRCPD Training Resources Loan Program information on the website and taken advantage of the resource material that is available to CRCPD members? Any classification of membership can access this information at <www.crcpd.org>, under the “members only” section, menu item “training material.”



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The *NEWSBRIEF* is published in February, April, June, August, October, and December by the Office of Executive Director, Conference of Radiation Control Program Directors, Inc., 205 Capital Avenue, Frankfort, KY 40601. Telephone: 502/227-4543; fax: 502/227-7862; website: <www.crcpd.org>. The subscription to the *NEWSBRIEF* is included in CRCPD membership dues. The subscription price for nonmembers is \$35 per year, prepaid.

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.

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This publication is supported in part by a Cooperative Agreement (No. FD-U-000005) administered by the Food and Drug Administration. Many members' volunteer hours also go into each issue.