



Conference of Radiation Control Program Directors, Inc.

NEWS BRIEF

February 2002

CRCPD's Mission: A Partnership Dedicated to Radiation Protection

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Hi CRCPDers:

Well, the holidays are over; the Super Bowl rightly won by the Nation's Patriots; and we're settling down to . . . recruiting a new Executive Director. Yes, that's right. The job announcements are out. Please encourage those who you think would make an excellent Director to apply by March 15, 2002, to Mrs. Pat Gorman, our Administrative Officer (note, her title changed from Deputy Director).

February 2, 2002 (2/2/2!) was Frankfort 'Fil's holiday. (Check accompanying story to find out if our mascot saw his shadow.) On that day, the New York State Department of Environmental Conservation regulations, 6 NYCRR Part 380 amendments, became effective. These regulations apply to the disposal of radioactive tailings or wastes produced by the extraction or construction of uranium and thorium from any ore processed primarily for its source material content, where such tailings or wastes are not regulated by the United States Nuclear Regulatory Commission. The largest source of these materials came from those tailings produced prior to the effective date of the Uranium Mill Tailing Radiation Control Act (UMTRCA), November 1978. Many such sites containing these materials are in the formerly utilized sites remedial action program (FUSRAP). New York State government felt this unregulated waste stream needed regulating in order to keep such wastes from New York disposal sites that were not designed for these extremely long half-life wastes.

With regards to the 2002 CRCPD Annual Meeting in Madison, Wisconsin, on May 5-8, our planning committee is setting up a very interesting meeting. The theme of this year's meeting is *Radiation Control Responding to a New Environment*. Our role in Homeland Security is very important, and issues are evolving very quickly on the federal level; how

Website: www.crcpd.org

Chairperson Continued

we fit into the Nation's efforts on planning, detection, response, and recovery. Please plan to be there.

On January 7, I represented CRCPD at a planning meeting of the Center for Disease Control (CDC) in Atlanta. This spring, CDC will hold a workshop on preparing guidance for hospital emergency room personnel involved in a radiological terrorist incident response. CDC is trying to get these guidelines released as soon as possible – ahead of chemical, biological, and mixed terrorist events which are not as well developed. One radiological event that is different than a biological or chemical incident is the “high exposure-no contamination” event. I emphasized the need for proper communications during the event especially with the state radiation control program, as well as the need for triage to address physical injuries prior to radiological concerns.

On a related issue, Gene Miskin, New York City Department of Health, Bureau of Radiological Health, will be representing the CRCPD at the American College of Radiology State Chapter Leaders meeting in Washington, DC, in March. He's speaking in a session entitled “Radiation Accidents, Radiation Protection, and Nuclear Terrorism.”

The Board voted in December 2001 to not renew our agreement with DigiScript due to the fact that very few of our members were using their site to view the 2001 proceedings. Thus, this year's meeting will return to our old format – printed copies of the proceedings and posted to the web site .

Our National Orphan Radioactive Material Disposition Source Program is growing. Maine has recently signed the Agreement, and Illinois is actively negotiating an agreement (Refer to article entitled *National Orphan Radioactive Material Disposition Program* for more information).

At the end of 2001, Tommy Cardwell retired from the Texas Department of Health radiation program – for one month. Cindy tells me he's back as of Ground Hog's Day. Welcome back, Tommy! Dr. Karim Remawi, CRCPD Director Member from the New York State DOH, re-

“Talking about the cleanup of radioactively contaminated sites to zero above background, is nothing sacred?”



The adventures of **Frankfort 'Fil**-world's only radiation forecasting groundhog

The Legend of Frankfort 'Fil, the World's Only Radiation Forecasting Groundhog

tired at the end of January. Karim was a true health physicist professional and had the talents of very logically speaking to the public expressing sympathy for their views, but placing their concerns in the proper perspective. We'll miss him.

In New York State, we are finding that cyclotrons are the largest emitters among our licenses, and need technically strong radioactive safety officers. See you in Madison in May!

Have a Happy St. Patrick's Day - Paul



By Paul Merges
CRCPD Chairperson

In the rolling hills of blue grass and beautiful trees around Frankfort, Kentucky, there resides a sage prognosticator of radiological issues - Frankfort 'Fil. 'Fil is a distant cousin to West Valley Phil and Cornell Chuck, two of the Nation's better known radiological area ground hogs. Now one may wonder what ground hogs and radiation forecasting have in common.

Simply said, the shallow land burial areas are very attractive to 'Fil and his fellow woodchucks because disturbed soils are a lot easier to burrow into for these critters. Apparently, Maxey Flatts is what attracted 'Fil to the Capital of the Commonwealth of Kentucky. As all rad waste experts know, burrowing animals are a major concern to the long term maintenance and integrity of shallow land disposal sites.

'Fil is a very old hog due to the fact that it's hereditary in his family to have no offspring. He's often seen, especially by Vicki Jeffs late at night, behind the State Capitol where he can keep an eye on the CRCPD Executive Office and staff, which are just down the street. I'm sure Daniel Boone, and his wife Rebecca, (buried on top of a hill which forms a bend in the Kentucky River overlooking the State Capitol) often smile at each other in their graves and discuss Frankfort 'Fil radiation forecasts.

Not to be outdone by that other Commonwealth woodchuck to the north, on Groundhog Day, 2/2/2, our 'Fil surfaced andsaw his shadow. Now what that forecasts for our radiation control programs is six more Agreement States will have bad IMPEP reviews. (Yes, New York is up for review this year.)

Frankfort 'Fil continued

Now that the bad news is over, we can return to the good and discuss 'Fil's 2002 New Year's radiation forecasts:

1. Tommy Cardwell will rejoin CRCPD as NORM serf instead of NORM Czar.
2. Gary Robertson's new duties will require him to climb Mt. K2 in search of the real meaning of KI .
3. In a move to counter the growing popularity of Frankfort 'Fil, Bill Sinclair announces OAS has adopted a mascot also found at rad waste disposal sites - Sam, The OAS Slug.
4. OAS members realize they elected Pearce O'Kelley and not JR as Chair.
5. DOD transfers the FUSRAP program to the Naval Nuclear Propulsion Program.
6. OAS incorporates, and opens a bank account in the Bahamas.
7. Wisconsin becomes an Agreement State during the 2002 Annual Meeting.
8. Bob Hallisey retires on St. Pat's Day 200?.
9. CRCPD's new Executive Director is Frankfort 'Fil.

In closing, there is no truth to the rumor being spread by Sue Smith of the Executive Office staff that Kentucky is about to declare a State Holiday on Groundhog Day. But Chuck Hardin may need to change his first name if 'Fil's legend continues to grow, especially if a statue to 'Fil is placed behind the Capitol.



Election of Officers

Deadline for Receipt of Ballots: March 15, 2002 (cob)

The CRCPD Board of Directors voted to post the CRCPD election of officers information on the CRCPD's web site rather than mailing to each Director Member and Associate Member effective with the 2002 election. This information, including candidates profiles, submission instructions and a ballot, has been posted on the Regulatory Forum password protected section of the web site that is designed for restricted access by Director and Associate Members.

Per the CRCPD Bylaws, the current Director Member and Associate Members are eligible to vote for the election of officers. We would like to en-

Election of Officers continued

courage those eligible to vote to submit their ballots by the close of business on March 15, 2002. The candidates elected will be YOUR elected representatives to carry out the business of YOUR professional Association.

The individuals listed below have been approved by the Board of Directors to have their names put forth as candidates to serve on the Board of Directors in the offices noted below. The individuals have agreed to serve if elected. Please refer to the profile information provided by each candidate at the end of this article.

The ballots will be counted at the OED during the week of March 18th with the assistance of designated staff from the OED and the Kentucky Radiation Control Program. Once the results are calculated, the Board will verify the results and the candidates will be notified. OED will post the names of the new incoming officers on the web site and inform the membership via email.

Any Director Member or Associate Member who is unable to access this information on the Regulatory Forum password protected section of the web site should contact Bruce Hirschler (phone 502/227-4543 ext. 2234; email <bhirschler@crcpd.org>). If you need to receive a printed copy of this information via regular mail, please contact Janice Wozniak at the OED (502/227-4343 ext. 2221).



Chairperson Elect Candidates



Richard Ratliff (TX)

Richard Ratliff is Chief of the Texas Department of Health, Bureau of Radiation Control (BRC). He is responsible for the statewide management of a comprehensive radiation control regulatory program consisting of two (2) divisions and bureau support personnel. The divisions include Licensing, Registration, and Standards and Compliance and Inspection. His responsibilities include: budget development, strategic planning; and administration (which includes federal contract and grant development), human resource functions (which include planning and diversification), development of legislation and regulations, testifying before the legislature and Board of Health, analysis of state and federal legislation and regulations, the preparation of impact statements, and testimony before the governing boards of other agencies, national committees, and the U.S. Congress.

Further responsibilities include: the development and administration

Chairperson
Elect
Candidates
continued

Richard Ratliff

of statewide policies, the coordination of regulatory activities with Food and Drug Administration, Nuclear Regulatory Commission and Environmental Protection Agency, and other federal, state, and local partners to ensure efficient, effective, and uniform regulatory programs, and continuous quality improvement activities to address ongoing program improvements. He serves as the principal contact for radiological accidents on the State Disaster Management Team.

Richard has 30 years of experience working for the BRC. He began his career as a radioactive material license inspector and incident investigator. He then spent four years in radioactive material licensing. In 1981 Richard became the Director of Compliance and Inspection in the newly created radiation bureau and then he became chief of the BRC in 1994. Richard is a Licensed Professional Engineer and a Licensed Medical Physicist.

Richard served as Chairman of the Organization of Agreement States in 1995 and secretary of OAS from 1996 to 2000. His participation in the CRCPD includes serving as a member on the E-5 Committee on Low Level Radioactive Waste, the G-30 task Force Guidance for State Registration, Licensing, and Regulation of Explosive Detection Systems Using Neutron Technology and has presented many papers at the annual meetings.

Richard is interested in ensuring that the CRCPD remains a leader in the radiation regulatory arena. He feels strongly that the states need benchmarking data to assist them as they continue to improve their individual radiation control programs. He feels that the federal and state legislative bodies need to be advised by CRCPD that the state radiation control programs are the only comprehensive regulatory programs in the country and first responders to radiological incidents. It is therefore of utmost importance to provide them the resources they need to maintain their proficiency.



Edward Wilds, Jr., Ph.D. (CT)

Ed Wilds is the Director of the Bureau of Air Management's Division of Radiation at the Connecticut Department of Environmental Protection. He is responsible for ensuring public safety by establishing policies and practices for state control of the manufacture, use, and transportation of radioactive materials. These duties include planning for the safe disposal of radioactive waste, monitoring the decommissioning of nuclear facilities, inspection of healing arts and mammography facilities, as well as managing the enforce-

Chairperson
Elect
Candidates
continued

Edward Wilds

ment of Connecticut laws and regulations. Dr. Wilds also represents the State of Connecticut's interest in federal and state regulatory hearings.

Prior to accepting his current position, Dr. Wilds served for more than ten years as the Radiation Safety Manager at the University of Connecticut, where he held a management position, overseeing the radiation safety staff and operations. Before arriving at the University of Connecticut, Dr. Wilds was a Physics Instructor serving as the Assistant Radiation Safety Officer and then promoted to Radiation Safety Officer at the U.S. Coast Guard Academy. Dr. Wilds' other Coast Guard duties included disaster and damage control officer assignments.

Dr. Wilds graduated with a Bachelor of Science in Physical Science from the U.S. Coast Guard Academy, New London, Connecticut. He received a Master of Science and Doctor of Philosophy in Physics specializing in experimental nuclear physics from the University of Connecticut, Storrs, Connecticut.

Dr Wilds is presently the chairperson of the E-37 Naval Nuclear Propulsion Committee and CRCPD Liaison to the Environmental Council of the States (ECOS). He is also currently Co-Chair of the Council of State Governments - Eastern Regional Conference High-Level Radioactive Waste Transportation Taskforce; a member of the Connecticut Nuclear Energy Advisory Council, Three Rivers Community-Technical College's Nuclear Advisory Committee, Health Physics Society, Canadian Radiation Protection Association, and American Physical Society; and serves as the Commissioner's representative on the Board of Directors for the Connecticut Hazardous Waste Management Service. In addition to the above, Dr. Wilds has served on Connecticut's Low-Level Radioactive Waste Advisory Committee, NRC's National KI Core Working Group, the Low Level Waste Forum, and as a Working Group Member for the Center for Strategic and International Studies report on "The Regulatory Process for Nuclear Power Reactors".

Dr. Wilds' goal will be to promote the CRCPD at the local, county, state, and national levels to enhance our visibility as radiation control professionals. Post September 11, 2001 it is vital that the general public and government officials at all levels understand and appreciate the unique services the CRCPD membership has to offer toward Homeland Security.

Member- at- Large Candidates



Debby Bray Gilley (FL)

Debby is an Environmental Manager for the Radioactive Materials Program with the State of Florida's Bureau of Radiation Control. In this position she is responsible for developing rules, performing investigations, participating in state-wide training, as an instructor, evaluating and peer reviewing license activities and provides technical assistance on medical issues.

Debby has over 14 years of experience with the Bureau, working in the technology certification program, inspection program and since 1994 in the radioactive materials program. She received both a Bachelor of Science and Masters in Public Administration degrees from Florida State University. Prior to employment with the Bureau she was employed as a radiation therapist and radiologic technologist for eight years.

Her participation in the CRCPD includes serving as chairperson of the Suggested State Regulations-Group-8 (Medical Therapy) Committee on Medical Therapy Regulations. Under Debby's guidance the SSR were adopted and approved by the board in 1998. In 2000, the committee co-sponsored the Medical Therapy Training with the American Association of Physicist's in Medicine in Tampa. This training included an on-site tour of activities at the H. Lee Moffitt Cancer Center. Debby received a CRCPD, Board of Directors Award for Meritorious Service in 2000 for her activities as chairperson. She has provided technical and poster presentations at the national conferences during the past 5 years.

Other professional activities include past president of the Florida Chapter of the Health Physics Society. In 2001, she received the Outstanding Volunteer Award from the national Health Physics Society and is currently serving on the local arrangement committee.

Debby is dedicated to continuing the trend of guiding the CRCPD into the 21st Century as a recognized leader in radiation protection. With all the restriction and reduction in funding facing the conference and individual states, it is imperative that the CRCPD continue to find creative ways to work together with federal agencies, professional organizations, the public and each other to address radiation issues of the future.

Member-
at-
Large
Candidates
continued



Cheryl Rogers (WI)

Cheryl Rogers is the Supervisor of the Radioactive Materials Program for the State of Wisconsin. Her responsibilities include staffing, training and program development as Wisconsin pursues Agreement State status. A recent major effort has been the development of a new Rule that meets the compatibility requirements of the Nuclear Regulatory Commission. In this regard, the Suggested State Regulations developed and maintained by the CRCPD working groups have provided valuable insight into the regulatory process. An up-to-date SSR is a true gem!

Prior to working for the State of Wisconsin, Cheryl spent 17 years with the State of Nebraska working variously as a radioactive materials inspector, LLRW Program Supervisor, Radioactive Materials Program Supervisor and Emergency Response Program Coordinator. She received her Bachelor of Arts in 1975 from Wellesley College and a Master's degree in 1994 from the University of Nebraska-Lincoln, both in Geology. Additional training courses, courtesy of the NRC and FEMA, include the Core courses, 5-week Applied Health Physics course, RERO and Advanced Dose Assessment.

Cheryl has been an active participant in CRCPD since the early 1990's, initially as a member of SR-6, Part G-Medical Use of Radioactive Materials. SR-6 put the finishing touches on NRC's latest revision to the regulations and then explored the best ways to address new technologies in the medical area. She also attended CRCPD workshops that brought state regulators together three times a year to discuss LLRW issues. Recent activities include participation on the E-34 Committee on Unwanted (Orphan) Radioactive Materials, Chair of SR-13, Part U-Uranium Milling, and Advisor to G-53, a new group that is putting together a list of web-sites that can be used to respond to public inquiries on radiation issues. She received a Board of Directors Award for Outstanding Achievement in 1999 for work in the development of a program to guide the disposition of unwanted orphan or radioactive materials.

Cheryl is interested in supporting the CRCPD as an organization as it evolves, develops and pursues the goals and objectives it has set for itself in the Strategic Plan. She feels the CRCPD needs to support the member states by truly acting as a clearinghouse and resource -including current SSRs and other activities such as a disposition program for radioactive materials. Finally, Cheryl will work to improve the interaction between CRCPD and the Organization of Agreement States, so that the specific regulatory perspective of OAS is maintained while using the infrastructure of the CRCPD as support for this regulatory group.



34th National Conference on Radiation Control

This year's National Conference on Radiation Control (simply referred to as CRCPD's Annual Meeting) will be held May 5-8, 2002, in the Madison, Wisconsin area at the Marriott Madison West, 1313 John Q. Hammons Drive, Middleton, Wisconsin (the hotel is located in both Madison and Middleton, directly off Madison's major highway).

Web Based Annual Meeting Information – Beginning with this year's meeting, the Board of Directors approved the posting of annual meeting announcement information to the CRCPD web site rather than mailing the materials. The information will be under "Meetings and Workshops" and members will be notified by e-mail when the initial announcement information has been posted. The information will be downloadable, including the registration form and registration information. Updates and changes would be posted to the web site as they become available. If you are unable to access this information via the web site, please contact Janice Wozniak at the OED (502/227-4543 ext. 2221) and she will be glad to mail you a computer generated copy.

Information specific to Director Members and/or their proxies will be provided separately via e-mail.

Training at Annual Meeting

The following training has been scheduled for the CRCPD annual meeting:

- **Friday, May 3** – *AAPM New Methods of Radiation Shielding Designs for Diagnostic and Therapy Facilities, PET Imaging Techniques, and the ADCL Program*. This all day training workshop will address the latest developments in the revised methods recently published by the NCRP for radiation shielding designs for both diagnostic and therapeutic radiology facilities.

- ◆ There is no separate registration fee for this workshop, but the attendee must be registered for at least one day of the CRCPD annual meeting.

- **Friday, May 3** – *Adaptive Sampling and Analysis Program (ASAP) Workshop: Streamlined Site Characterization Approaches Result in Significant Cost Savings*. This all day workshop is being conducted by Argonne National Laboratory and is designed to train in ASAP techniques that can be used at radionuclide-contaminated sites. This workshop is geared towards professionals who have responsibility for cleaning up sites with radionuclide-contaminated soils, including site owners, regulators and industry members.

- ◆ There is a separate nominal registration fee for this workshop. The course size is limited to 30 persons on a first-come first-served basis.

34th Annual National Conference on Radiation Control continued

- **Saturday and Sunday, May 4-5** – *Mammography Continuing Education – 2002*. This course was developed by CRCPD's Committee on Mammography in collaboration with FDA's Division of Mammography Quality and Radiation Programs for MQSA inspectors, FDA auditors, radiologic technologists, and others interested in mammography continuing education. This course has been submitted to the ASRT for *11 Category A continuing education credits*.

- ◆ There is a separate registration fee for this course, depending on whether a person attends one or both days. Attendees *do not* have to register for the CRCPD annual meeting in order to register for this course.

- **Monday, May 6, 1:30 to 4 p.m.** – *Emergency Response Terrorism Training*. - This training is restricted to state/federal government employees—a government I.D. is required and will be checked at the door.

- ◆ You do not need to sign up to attend this training, and there is no separate registration fee, but attendees must be registered to attend at least one day of the CRCPD annual meeting.

- **Monday, May 6, 1:30 – 4 p.m.** – *Emerging Modalities in Medicine*.

- o You do not need to sign up to attend this training and there is no separate registration fee, but attendees must be registered for at least one day of the CRCPD annual meeting.

For more detailed information about these training opportunities, visit CRCPD's web site (www.crcpd.org) under "Meetings and Workshops." Special links have been provided to access this information.



At the December 2001 meeting, the Board of Directors approved the list of organization priorities for 2002 based on the CRCPD Strategic Plan. CRCPD members may access this information via the "Members Only" password protected section of the CRCPD website (www.crcpd.org). If you have been assigned a password and experience difficulty in gaining access, or are in need of having a password assigned, please contact Bruce Hirschler via email at bhirschler@crcpd.org or by phone at 502/227-4543 ext. 2234.



Board Approves List of Priorities for 2002

Resolutions Being Accepted

As noted in the October 2001 *Newsbrief*, the Resolutions Committee, chaired by Kirk Whatley (AL), will be accepting resolutions from any CRCPD member through March 23, 2002. Following March 23rd, the Resolutions Committee will not consider any late resolutions. Members wishing to propose a resolution shall submit the proposed resolution from the floor of the business meeting and provide 100 copies for distribution. For details on the requirements for submitting resolutions, please refer to the October 2001 issue, or contact Kirk Whatley (phone: 334/206-5391; email kwhatley@adph.state.al.us).



DigiScript Agreement Cancelled

As noted in Chairman Merges' article, the CRCPD Board of Directors voted to not renew our agreement with DigiScript for digitally capturing future CRCPD annual meetings. Less than 20% of CRCPD members signed up to view the 2001 Alaska content. Based on the requirements of our current agreement, CRCPD members will be allowed access to the 2001 annual meeting information until June 13, 2002.



What's Due? CRCPD Membership Dues

Invoices for 2002 membership dues were mailed in December. If you are a member and you did not receive an invoice and don't know why one would not have been sent to you, please contact us. If you received an invoice but haven't sent in your 2002 CRCPD membership dues payment yet, you need to do so right away! **Members who have not paid their dues by March 1 will be removed as a member.** And we don't want to remove you—we want you to remain a CRCPD member!

Second (*and final*) notices are sent in February. Don't ignore a second notice if you get one. And if you get a second notice but think you have paid it, we prefer that you double-check with us to be sure we have received your payment.

For questions regarding dues invoices and payments, contact Sharon Bowen (e-mail: sbowen@crcpd.org; phone: 502/227-4543, extension 2229; fax: 502/227-7862).

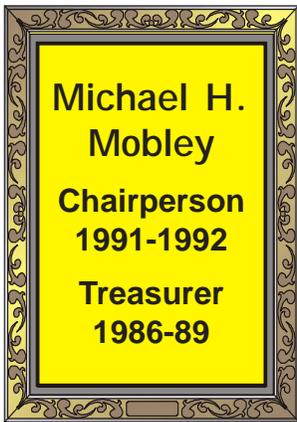


*Something New!*Past Board
Members

The CRCPD has grown from a humble beginning to an internationally recognized and respected organization in the field of radiation protection. Over the years, many individuals have contributed countless hours of work to the organization on a voluntary basis.

The board members, both past and present, have been dedicated to the goals of the organization. In an effort to find out more about past board members, those who have either retired or left state service for other reasons, we will start featuring a past board member in the *Newsbrief*. If you know someone whom you would like to see featured, please advise Curt of their name and other information that would be helpful, such as address, retired or still working (maybe in another setting), etc., and we will let you know about those persons that may have been instrumental in helping to make your working conditions what they are now.

The inaugural highlight features Mike Mobley, Tennessee.

*Time on my hands*

Retiring from the Tennessee Radiation Control Program in November 1999 with 32 years of radiation control experience was traumatic but certainly did not compare to the experience my wife was suffering after her stroke during heart surgery. Since then we have come a long way with her therapy allowing her to regain the ability to walk with some assistance and especially to ride her horse. I have

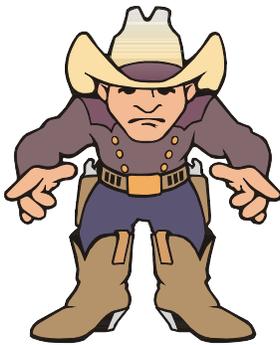
learned to cook, shop, and generally do all the things that my wife used to do for us. As she has regained some of her abilities I have begun to work with a few companies assisting them in licensing, regulatory issues, and health physics problems. This is interesting but not as satisfying or exciting as directing the Tennessee radiation control program.

I especially miss the individuals in the different states that are so dedicated to the importance of protecting the public from the hazards of radiation. In all my time in the CRCPD that is one of the most rewarding things I have experienced. Some are most involved with x-ray, some with AEA radioactive material, some with NORM, but each one is willing to give of time and self to do work that supports the states collectively, to provide the best level of protection possible to the public. This is very important to the public as only the states provide protection across the board for all sources of radiation. I continue to believe that radiation is radiation and a rem is a rem.



Something Else New

Personals



There are many interesting (not to be confused with weird, different, etc.) individuals under the CRCPD umbrella that the membership would enjoy reading about. NO, this is not intended to be a "Dear Abby" column, but if you know someone that has a "different" hobby, sideline, significant anniversary, or just does great things for others or their community, we would like to hear from you.

You may write the article yourself if the person you are writing about signs off on it. Or you could let Curt know about someone and he could contact them.



Who is this Desperado?

One of your board members!

Look for the name elsewhere in
this Newsbrief.



New Director Announced for the New York Bureau of Environmental Radiation Protection (BERP)

Dr. Adela Salame-Alfie replaced Dr. Karim Rimawi both as Director of the NY BERP and CRCPD Director Member following his retirement on January 31st after 27 years of state service. Over the last nine years, Dr. Salame-Alfie worked closely with Dr. Rimawi. She brings to this position expertise in the field of nuclear engineering and unique leadership qualities, as well as having been mentored by Dr. Rimawi.



Working Group activities



Volunteers Needed

E-24 Committee on Decontamination and Decommissioning (D&D) needs a volunteer. The new member will participate in the NRC consolidation of D&D documents, review and provide comments on D&D federal register notices, survey 10 selected states on D&D needs, review and comment on selected D&D material that needs attention, evaluate D&D standards for consistency, review and comment on D&D financial assurance, help to provide states with important D&D material, and participate in a study to determine the state of D&D in the United States.

Candidates should review the committee charges for more detailed information regarding the committee. Please contact Dennis Zannoni, E-24 Chairperson, at 609/984-7440 for questions and a list of charges.



More Volunteers needed!!!

The Laser and Tanning SSR Working Groups need a few good people. With the change in the ANSI Z-136 Guidelines, the U.S. FDA Performance Standard, and the International Activities the Volume II, Part AA and BB of the SSR's need immediate attention. If you are interested in Part AA, contact John Lamb (AZ) at 602/255-4845, Part BB contact Amy Sawyer (NC) at 919/571-4141 or you may contact Cindy Cardwell, SSR Council Chairperson at 512/834-6688, extension 2239.



Advisors Needed

Suggested State Regulations - Group 8, Part X and Suggested State Regulations - Group 12, Parts M, O, P, S, & T need advisors. For more information, please contact the Sue Smith (OED) at 502/227-4543, extension 2228.

G-2 Committee Survey on Radiation Instrument Calibration

By Bob Lommler (IL), Chairperson,
G-2 Committee on Ionizing Measurements

The Committee conducted a survey on radiation instrument calibration and received 26 responses to the survey from individual CRCPD members, representing 16 states and one commercial company. The level of response to the survey required additional information from the two CRCPD accredited laboratories (IL and SC) to improve the quality of the answer to the first question in the survey. Only one responder stated they used the CRCPD accredited laboratories for calibrations while lab records show an additional 9 radiation control programs use the laboratories for at least part of their instrument calibrations.

1. Who currently performs the calibration of your radiation measurement instrumentation?
 - CRCPD accredited lab - 1 (10)
 - Other accredited lab - 5
 - State owned non-accredited lab - 7
 - Private non-accredited lab (eg. Equipment Manufacturer) - 16
 - FDA/CDRH - 11
 - Other - 4

2. Please rank the following factors from less important to more important when selecting a calibration service. The weighted results were:
 - Turn around time - 110
 - Level of traceability to NIST - 105
 - Ability to repair - 96
 - Cost - 87

3. Did you know that the CRCPD currently accredits two calibration laboratories that offer, with the highest priority, their services to state and local radiation control programs?
 - Yes - 11
 - No - 15

4. Would you like information on CRCPD accredited labs and services?
 - Yes - 21
 - No - 5

5. If you perform calibrations with a state owned non-accredited lab, would you be interested in any of the following? (A total of 5 responses)
 - Instrument intercomparisons with the accredited labs - 5
 - Seeking CRCPD laboratory accreditation (Secondary Lab) - 2

G-2 Survey Results continued

Seeking a lower level accreditation (Tertiary Lab) - 1

6. One form of instrument intercomparison is the "round robin. Would your program be interested in participating in a round robin? (A total of 6 responses)

Yes - 5

No - 1

7. Do the CRCPD accredited calibration laboratories do anything or lack something that discourages or limits your use of their services? (12 responders commented)

Lack of information on labs, need to advertise - 6

Price and turn-around time - 3

Lack repair, don't calibrate what I need - 1

Prefer on-site calibrations - 1

We have our own capability - 1

8. Please list any suggestions for particular calibration services you would like to see the CRCPD labs provide. (7 responders commented)

KVP meters, rate meters, and all Radcal models - 1

NVLAP certification of all types used for radiation control - 1

Light meters (footcandles) - 1

Instrument repair and neutron meters - 1

Ra-226 calibrations at low, near background levels - 1

Annual intercomparisons - 1

Lack of information, need more to comment - 1

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Conclusions from the survey

1. Members lack critical knowledge on the CRCPD accredited labs, including locations, services, prices and turn-around time for calibrations.

2. Many radiation control programs have invested in calibration equipment they want to use. More of these programs appear interested in intercomparisons to determine that their calibrations are adequate than appear interested in formal traceability to NIST or accreditation by an organization.

3. Having the equipment available for use is the primary factor affecting their choice for calibrations.

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What the labs and CRCPD have to do

1. Publish the results of the survey to the membership, preferably in the *Newsbrief*. Address their suggestions in an accompanying article.

2. Let the labs advertise their services at least once a year in the *Newsbrief* so that the membership is aware they exist, what services

G-2 Survey Results continued

G2 Committee comments on survey suggestions

If you should want to reach Bob:

Ph: 217/786-7129
e-mail: lommler@idns.
state.il.us

are available, and what are the costs and turn-around times.

3. Recognize that non-accredited state labs exist. Meet their initial need for a measurement intercomparison by using the accredited labs at minimal cost.

4. Determine priorities for additional services.

####

1. There were three suggestions to calibrate instruments not supported by accredited calibrations and one suggestion for NVLAP certification for all types of instruments used by radiation control programs.

CRCPD offers accreditation for the same instrument calibration services that NVLAP accredited laboratories provide. The problem is that NIST standards and measurement quality assurance testing do not support some instrument calibration services. Without these NIST services there can be no NVLAP or CRCPD accreditation of these instrument calibrations. The G2 working group addresses these problems with NIST by having the chairperson as a member of the Council on Radiation Measurements and Standards (CIRMS). This advisory group determines what standards and testing services NIST needs to provide to government, industry, and academia. CIRMS also helps by creating standards and finding money to do development work at NIST. The following problem areas exist:

Voltage standards, in 1000's of volts
Disagreement on the definition of kVp and how it is measured
Suitable light meter transfer standards or testing
Calibration and testing capability below 500 mR/h
Ra-226 calibration or testing capability
Count-rate instruments calibration standards
Neutron spectra traceability

2. Accredited calibrations for all Radcal instrument models was the only suggestion that the laboratories could implement in short order. To implement calibrations for the 2000, 3000, and 9000 series instruments each laboratory has to have access to that instrument for approximately six months. The two states with laboratories don't own any of these model instruments and the manufacturer can't be expected to loan them so that the labs can develop a calibration capability. A potential customer, such as another radiation control program, would have to provide a loan, as well as a future calibration demand, before a lab could develop the procedure. South Carolina is accredited for the Radcal 1015 and Illinois is accredited for the 1015 and 1515 and does work with the 3036.



NRC Jurisdictional Working Group meets

By Ken Weaver, CRCPD Representative to Jurisdictional Working Group
Colorado Radiation Services

The NRC Jurisdictional Working Group met December 13, 2001. Work continued toward a summer 2002 report to the Commissioners.

NRC chartered the group to (1) identify and prioritize options for risk-informed regulation of low uranium and thorium concentrations and, (2) explore the best approach to delineating NRC and other Federal agency and State responsibilities.

Critique is nearly done on NUREG-1717, the June 2001 "Systematic Radiological Assessment of Exemptions for Source and By-product Materials", which saw a few instances of a few rem per year from materials containing below 0.05 weight percent U/Th. The exemptions of concern are for chemicals and alloys [10 CFR 40.13(a)] and unrefined and unprocessed source materials [10 CFR 40.13(b)].

NUREG-1717 uses ICRP 26/30 (current 10 CFR 20) dose calculations, rather than newer ICRP methods and has some flaws in its scenarios and assumptions.

Also, on December 13th, the working group heard NRC's comments on revisions to Part N and also that the ANSI/HPS N13.53 TENORM standard might be out in 2002.

NRC's role for low U/Th "source" material

State radiation control programs know that (TE)NORM is also present whenever U or Th are with their decay products. Questions for states are:

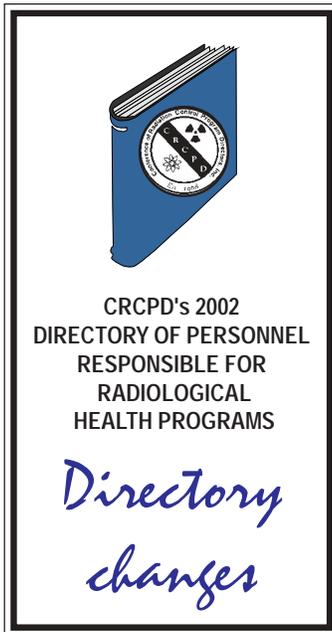
Do you know of materials containing U/Th near or below 0.05% which you calculate to give potential U/Th + decay product doses of more than a fraction of 1 mSv (100 mrem) per year?

Whichever way NRC might go, do you think the level of effort by States will change in any way, up or down,

- A. If NRC responds by taking more of a role?
- B. If NRC gives up or gives away responsibility for low range U/Th?
- C. If the concentration cutpoint for exemption is changed?

The JWG will next meet March 6-7, 2002.





Membership Updates

- Associate** - Bradt, Clayton (NY)
 Clum, Dennis (OH)
 Cole, John W. (CA)
 Cortez, Ruben (TX)
 Kimmett, Randall (MD)
 Klacyaski, Dennis (RI)
 Lally, Mary (MD)
- Affiliate** - Carter, Douglas (CA)
 Kidd, Terry (WI)
 Thorpe, Neil T. (CA)
 Walker, Corey (TN)

Directory Changes:

- Page 27 - LA - Michael E. Henry - insert e-mail address: <m_henry@deq.state.la.us>
- Page 46 - NY State Health Dept. - remove Karim Rimawi and insert Adela Salame-Alfie, Program Director
- Page 55 - OR - Terry D. Lindsey - remove Manager and insert Program Director
- Page 57 - PA - Remove Edward Burtsavage and insert vacant.



Edward Burtsavage (PA), retired January, 2002.

Karim Rimawi (NY Health), retired January, 2002 (see coments, Chairperson's Report).

Richard "Mel" Fry (NC), retired Feburary, 2002.

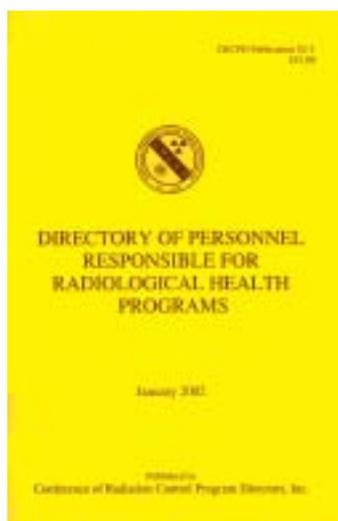
On behalf of the CRCPD membership we wish Edward, Karim, and Mel a rewarding retirement.



This issue's **Desperado** is Terry Frazee (WA)



2002 Directory of Personnel now available



The *2002 Directory of Personnel Responsible for Radiological Health Programs* became available the week of February 18th. The fee this year is \$35 for a printed and bound copy. This is a directory of professional personnel in state and local government agencies who administer radiation control activities, and in selected federal agencies, certain U.S. Territories, Canada, and Mexico who have responsibility for certain radiation protection activities. Selected federal personnel, listed by agency, follow the state listings. For most federal agencies, personnel are listed for central and regional offices.

In addition to information relative to radiation control programs, this directory also includes information on low-level radioactive waste regional compacts, CRCPD working groups, the roster of CRCPD membership as of January 1, 2002, recipients of the Gerald S. Parker and the James W. Miller Awards, past boards of directors, Licensing State status, Agreement States, annual meetings, and CRCPD publications.

Corrections and updates are published bimonthly in the *CRCPD Newsbrief* on information contained in the listings for the states, federal agencies, foreign agencies, board of directors, and the Office of Executive Director.

We are still offering a subscription to the *Directory of Personnel Responsible for Radiological Health Program on Disk* for \$200. *Anyone* can subscribe to the *Directory on Disk*. This price includes postage and handling. Updated disks will be sent to subscribers automatically on April 1, July 1, and October 15. The disk will be in Corel 7 WordPerfect or Microsoft Word. The subscription fee remains the same regardless of when the order is placed. States wishing to receive disk updates will need to subscribe to the *Directory on Disk*.

The subscription does not include a bound copy of the document. If you want a nice bound copy of the document with the yellow laminated cover, you will need to order it in addition to the subscription to the *Directory on Disk*. *Directory on Disk* subscribers do not need to send us a formatted disk. We will provide it.

We accept VI SA, MasterCard, and American Express, in addition to checks, money orders, and purchase orders. A special publication order form is included as an insert in this issue. You may also order the *Directory of Personnel Responsible for Radiological Health Programs* from our web site <www.crcpd.org>.



Robert J. Walker Promoted

By Robert Hallisey , Director
Massachusetts Radiation Control Program

It is with extreme pleasure that I announce the appointment of Robert J. Walker as Deputy-Director of the Radiation Control Program. The Deputy-Director position was newly created for the Program due to the large increase in staff and Program activities that have taken place in the Program over the past few years.

Bob brings with him over 29 years of professional experience including 16 years with the Atomic Energy Control Board of Canada. Bob moved to the USA in 1999 and joined the Radiation Control Program as an Environmental Engineer III in the Radioactive Materials Unit with particular emphasis on sealed source and devices evaluations. Bob has been very active while he was in Canada and now in the USA with the Conference of Radiation Control Program Directors (CRCPD) and most notably sustained national recognition for his work on the National Materials Program Working Group.

Please join me in welcoming Bob as Deputy-Director of the Massachusetts Radiation Control Program and wishing him every success in this new endeavor.



From
Otha Linton,
CRCPD's presence
in Washington



States as Certifiers under MQSA

Final regulations detailing the Food and Drug Administration's (FDA) requirements for state radiation control programs wishing to qualify as certifying bodies under the Mammography Quality Standards Act (MQSA) were published in the February 6, 2002, *Federal Register* (67 FR 5446). The language contains small changes from the preliminary publication on March 30, 2000.

The mammography inspection program was mandated by Congress in 1992, with the FDA charged with establishing a national standard for all mammography facilities and with developing accreditation and certification mechanisms. The legislative language included a provision for states to contract with FDA for inspections and also to qualify as certifying bodies, with certain limitations.

The original accrediting body was the American College of Radiology, with the FDA acting as the certifying body and most state programs performing the required inspections. Arkansas, California, Iowa and Texas since have qualified as accrediting organizations. Illinois and Iowa participated in a pilot program for state programs as certifying agencies.

"State agencies may apply for approval as a certification agency if

States as Certifiers Under MQSA continued

they have standards at least as stringent as those in section 900.12 (existing federal standards), qualified personnel, adequate resources to carry out the states as certifiers' responsibilities and the authority to enter into a legal agreement with the FDA to accept these responsibilities," the agency wrote. Interested states should apply in writing to the Division of Mammography Quality and Radiation Programs (DMQRF), Center for Devices and Radiological Health (1F2r240), FDA, Rockville, Maryland 20850.

The FDA will provide additional information to any interested state agency. It will require details about the state's proposed process for certification, including qualifications of agency staff, proposed fees, data handling capabilities, outlines for qualifying inspections, notifications of acceptance or rejection, methods of obtaining needed facility corrections, policies for patient notification, and appeals processes. The FDA is particularly interested in details of any state proposal based upon the state's own standards which must match or surpass the federal requirements. When the state is not also an accrediting body, it must detail its plans for working with an accrediting body.

In granting recognition to a state agency, the FDA will plan annual monitoring of its performance and reserves the right to cancel its recognition if the agency's performance is deficient. The FDA will advise states of minor deficiencies and provide a set time for a state agency to correct problems. The FDA is particularly concerned about advising women who have had mammograms in a facility certified by a state program which is on suspension or has been cancelled.

The FDA regards the proposed federal-state certification program as being comparable to the Nuclear Regulatory Commission's relationship with agreement states and with cooperative programs between the Environmental Protection Agency and states and the Occupational Safety and Health Administration and states.

The FDA noted that a reason advanced by several states for taking over the certification responsibility was a desire to reduce fees to mammography facilities. The current FDA charge for certification of a facility is \$1549 plus \$204 for each additional mammography unit. That fee represents a national average of costs. States with lower inspection costs could pass savings along to their licensees. In the pilot program, both Illinois and Iowa proposed lower fees. The FDA expects that only those states which believe they can perform the certification less expensively than the federal agency will apply for state certification. This likely would result in the FDA's average cost/charge rising. The FDA is charged by statute with recovering its inspection program costs. It plans to continue making a \$509 charge to each facility, presumably through any state acting as certifier.

States as
Certifiers
Under MQSA
continued

The FDA rejected comments on its draft urging that the program rely more on accreditation activities and less on certification.

"The Congress established both accreditation and inspection functions. The two systems are not duplicative but rather complementary. Accreditation bodies are responsible for the initial review of mammography facilities and they repeat these evaluations every three years for compliance with the quality standards established by FDA. They also have unique responsibility for continuing review of clinical images from the facilities to determine if the images meet the image quality standards established by the accreditation body."

"Accreditation agencies base their evaluations on material sent to them by the facilities. Inspectors, on the other hand, visit the facilities and are able to check more closely for compliance with these standards. The inspections are on an annual basis."

Even if a significant number of states become certifiers, the FDA plans to continue operating its inspector training program. The need to have a single national standard justifies all inspectors receiving the same training, it explained. Now that the basic group of 250 inspectors has been trained, the FDA expects to train only about 20 new inspectors yearly as replacements for those leaving state programs.

The CRCPD and five state programs were among the eight commenters prior to drafting the final regulation. Some accommodations in the draft language were made in response to comments, the FDA said. The final rule is effective May 7, 2002. The legislation authorizing the MQSA program extends through fiscal 2002 and will require renewal by the Congress for continuation of the program. The first five-year renewal was more than a year late in receiving congressional approval, partly due to requests for changes by interested parties which required hearings and redrafts.



CRCPD National Orphan Radioactive Material Disposition Program

Maine is the second state following West Virginia to sign an agreement with the CRCPD's National Orphan Radioactive Material Disposition Program. Other states are encouraged to participate should (1) your state have unwanted discrete radioactive sources and devices that are in need of disposition, and (2) neither your state RCP or the owner has sufficient resources to pay for the safe disposition of the source. If your state is struggling with the legal aspect of the liability/indemnification language in the contract, CRCPD has some alternative language that may assist in the successful negotiation of an agreement.

This is an opportunity you don't want to miss. Currently, NRC and DOE are financially supporting this national program that was initially established under EPA financial support. A lot of effort has been made by a variety of parties to provide a service to states that has been previously identified as a major state problem. Continued funding for this program will depend on the participation of the states. If the states do not choose to participate, there obviously will be no future federal support for this program. Don't let this opportunity pass us by. If you have orphan sources in your state that meet the program's criteria, you are strongly urged to participate in this national effort.

If you have questions regarding the eligibility of orphan radioactive material, please contact Terry Devine at the OED (phone 227-4543 ext. 2223; e-mail <tdevine@crcpd.org>). Questions regarding the agreements should be directed to Pat Gorman (502/227-4543 ext. 2227; email <pgorman@crcpd.org>)



New Documents Published to CRCPD Website

By Lin Carigan
CRCPD/OED

At the Board of Directors December 2001 meeting, the Board changed how CRCPD is to publish all future official publications. Documents will no longer be published in hard copy. New official publications will be posted to our website under "Conference Publications", and will be available to anyone by clicking the link provided. (*NOTE* Exceptions: the *Directory of Personnel Responsible for Radiological Health Programs* will not be posted on the web site. The CRCPD Proceedings of the annual meeting will continue to be printed as well as posted to the web site.)

In addition to CRCPD official publications being posted to our website, an electronic copy will be sent to state Director Members and to others on the normal distribution list. And upon written request to the OED, State Director Members will be provided one computer-generated hard copy of a document.

New Documents continued

Anyone wishing to purchase a computer-generated hard copy of a document may do so for the amount listed on the CRCPD Publications List.

The first document to be published under this new policy was CRCPD Publication E-02-2, *Criteria for the Certification of Radon Service Providers, the Accreditation of Radon Chambers and Laboratories, and the Approval of Measurement Devices*.



Josephine M. Piccone Appointed

By Paul H. Lohaus, Director
Office of State and Tribal Programs

I am pleased to announce the appointment of Dr. Josephine M. Piccone as Deputy Director, Office of State and Tribal Programs, effective January 22, 2002.

Dr. Piccone joined the NRC in 1985 as a Health Physicist in Region I. In 1990, she moved to Headquarters as a Senior Project Manager in the Office of Nuclear Material Safety and Safeguards (NMSS). Since 1993, she has held a number of supervisory and management positions in NMSS including Section Leader; Chief, Operations Branch; Chief, Rulemaking and Guidance Branch; Deputy Director, Division of Fuel Cycle Safety and Safeguards; Deputy Director, Division of Industrial and Medical Nuclear Safety. In 2001, she was appointed to her most recent position of Deputy Director, Division of Waste Management, NMSS. Dr. Piccone received a B.S. degree in Chemistry from Daemen College, and an M.S. degree in Radiological Health and a Ph.D. in Medical/Radiation Physics from Temple University.

Dr. Piccone is located in Room O-3 D20 and can be reached at 301-415-2325.

Please join me in congratulating Dr. Piccone on her new appointment.



Obituary

We are sad to announce the passing of the following CRCPD members:

Joyce Spencer (IA), December 20, 2001 (Associate member)

Henry Copeland (GA), January 1, 2002 (Emeritus member)

CRCPD Board of Directors

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Member-at-Large	Ronald G. Fraass	Kansas	(785)269-1569	rfraass@kdhe.state.ks.us



Abbreviations, acronyms, and initialisms

Below is a list of abbreviations, acronyms, and initialisms that may appear in this issue:

CDRH	FDA's Center for Devices and Radiological Health
DOE	Department of Energy
DOT	Department of Transportation
EMF	electric and magnetic fields
EPA	Environmental Protection Agency
FDA	Food and Drug Administration
FEMA	Federal Emergency Management Agency
MQSA	Mammography Quality Standards Act of 1992
NEXT	Nationwide Evaluation of X-Ray Trends
NIST	National Institute of Standards and Technology
NRC	Nuclear Regulatory Commission
OED	CRCPD's Office of Executive Director
ORA	FDA's Office of Regulatory Affairs
SSR/SSRCR	Suggested State Regulations for Control of Radiation



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The *NEWSBRIEF* is written with regard to 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.

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

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