



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

April 2004

CRCPD's Mission: A Partnership Dedicated to Radiation Protection

Message from Chairperson Richard Ratliff



My term as your chairperson is rapidly coming to an end. I have enjoyed the challenges and the new friends I have made this year. I thank all of you for the many hours you have donated to the myriad of CRCPD working groups and projects

that make a real difference in the radiation protection system.

This year was especially challenging to me since the Texas radiation program is undergoing consolidation as the twelve health agencies are being merged into four mega departments. I often remind my staff that "change is inevitable, but worry, pain and suffering are

optional." In September the Texas Department of Health will become the Department of State Health Services, and like many other states, our licensing and compliance programs will answer to different managers in this new department.

This past month I participated in the Organization of Agreement States (OAS) Midyear Board meeting in Albuquerque, New Mexico. There was a lively debate on the Vision and Mission of the newly incorporated organization. I found the discussions were relevant to both OAS and CRCPD. Even though the scope of our two organizations differs, both organizations strive to assist their members by enhancing radiation regulatory program effectiveness in the protection of public health and safety. This past year members from both organizations have served on working groups with federal regulatory staff in the National Materials Pilot Projects.

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Web site: www.crcpd.org

Chairperson's
message
(continued)

The OAS Board is developing their strategic plan and specific procedures for hosting future annual meetings. The next annual OAS meeting will be hosted by the U.S. Nuclear Regulatory Commission's Region I staff. The meeting will be held at the Radisson Valley Forge in King of Prussia, Pennsylvania September 20-24, 2004.

The OAS Board expressed interest in working with CRCPD to develop training courses for state radiation control staff, possibly using some state staff experts to teach some or all of certain courses. This could assist states that are faced with travel restrictions, obtain training in their geographical regions of the country.

The OAS board members complemented CRCPD for the recent "National Symposium of Fusion Imaging and Multimodalities: Technical and Regulatory Considerations" held February in Kansas City, Missouri.

The success of this timely training is the result of hard work and dedication of Ron Fraass, Sue Smith and all the CRCPD staff as well as the following groups and individuals:

- ◆ **CRCPD Task Force on New Modalities (H-24)**: Mary Ann Spohrer (IL/Chairperson), Kathleen Kaufman (CA/LA Co, Member), Cindy Cardwell (TX/Member), and Jack Ferruolo (RI/Member);

- ◆ **Financial Contributors**: The American Association of Physicists in Medicine (AAPM), the American College of Radiology (ACR), the American Society of Radiologic Technologists (ASRT), the Center for Devices and Radiological Health/Food and Drug Administration (CDRH/FDA), and the Society of Nuclear Medicine, Technologists Section (SNM/TS);

- ◆ **Coordinators for the Financial Contributors**: Lynne Fairobent (ACR), Melissa Martin (AAPM), Greg Morrison (ASRT), David Spelic (CDRH/FDA), and Greg Robinson/Lyn Mehlberg (SNM/TS).

Through this partnership, a collective effort has begun to address technical and clinical information, including training, relative to CT, PET, and the fusion of PET/CT.

Finally, spring is here and everything is in bloom so I hope to see you at the 36th Annual National Conference on Radiation Control in Bloomington, Minnesota May 23-26th. The agenda looks like this will be a very productive and informative meeting. The theme is: *"Embracing Change in an Evolving Radiological Protection Environment."*

God Bless You All.

Ruth McBurney elected HPS President-Elect

By Cindy Cardwell (TX)
Bureau of Radiation Control



Ruth McBurney has recently been elected President-Elect of the Health Physics Society (HPS). HPS is a national scientific professional organization whose mission is to promote the practice of radiation safety, and is made up of approximately 6,000 scientists, physicians, engineers, lawyers, and other professionals involved in radiation safety in

academia, industry, government, national laboratories, the Department of Defense, and other organizations.

Ruth is the Director of the Division of Licensing, Registration and Standards in the Bureau of Radiation Control, Texas Department of Health. She has worked in the field of radiation protection for over 25 years, having served in both the Arkansas and Texas state radiation control programs. Ms. McBurney received a B.S. Degree in biology from Henderson State University in Arkansas and a M.S. degree in Radiation Sciences from the University of Arkansas for Medical Sciences. She is a Certified Health Physicist.

Ruth has served as a Board of Directors member and Secretary of the Health Physics Society and is currently Chair of the organization's Strategic Planning Committee. She is also active in the Conference of Radiation Control Program Directors, Inc. (CRCPD), having served as Treasurer and Chairperson of that organization. She was the 1994 recipient of the Gerald S. Parker Award of Merit, CRCPD's highest award. She is also a representative on the U.S. Nuclear Regulatory Commission's Advisory Committee for the Medical Use of Isotopes, and has served on the U.S. Food and Drug Administration's National Mammography Quality Assurance Advisory Committee.

Ruth will take office in July 2004. During her year as President-Elect, she will be visiting with HPS chapters throughout the country and assisting the President with leadership duties of HPS, including congressional and federal agency contacts and representation at meetings with other organizations. She will become President of the organization in the summer of 2005 and serve in that capacity until 2006.



Election of officers

By Patricia Gorman (OED)
Administrative Officer

OED is pleased to announce the officers who will assume their duties at the close of the annual meeting on May 26th (treasurer's term begins July 1st).

Chairperson-Elect: Debra McBaugh, CHP (WA)

Member-at-Large (3-year term): Jay Hyland (ME)

Treasurer: John Winston (PA)

On behalf of the CRCPD Board of Directors, members and staff, we wish to express our appreciation to those who ran against the above individuals:

Julia Schmitt (NE), Chairperson-Elect

Cathey Bradley (AK), Member-at-Large, 3-year term

Pam Bishop (OK), Treasurer

We hope you will agree to run again in the future as the Board truly believes you will make good Board members.



Annual Meeting reminder

Information regarding the 36th National Conference on Radiation Control is on the CRCPD Web site at <<http://www.crcpd.org/2004AnnualMeeting.asp>>.



Training available

“Principles of Health Physics: Useful Theory to Practical Application”

Monday, May 17, 2004 to Friday, June 4, 2004.

- The Texas A&M University Principles of Health Physics 5+3-week Academy is designed to provide students with a basic knowledge of health physics, radiation, and radioactive material. No previous knowledge of health physics is necessary to take this course.
- The course is structured into four sections: (1) radiological safety; (2) radiation detection, measurement and isotope technology; (3) radiation protection; and (4) environmental radiation engineering.

See <<http://nuclear.tamu.edu/hamilton/training/principles.htm>> for more details.



Frankfort 'Fil's sidekick

By Ron Fraass (OED)
Executive Director



Membership, Marketing, and Meeting Needs

Membership, marketing, and meeting needs are all important to attaining the goals of the Conference of Radiation Control Program Directors (CRCPD).

Although we have assets in banks and standard office equipment, our primary asset as an organization is the intellectual capital of our members. Intellectual capital is a buzzword for the great ideas, combined knowledge, and experience of our membership. We came together as an organization to be able to share that knowledge with each other. We also wanted to provide a collective voice on critical issues and to make that voice heard. Because we have been successful in each of these areas, our members and our collective ideas are sought by national and international governmental and private organizations. BUT (you notice it is a big but), we can still do more. To do more, I need you to talk with others in your program or organization about joining CRCPD. We need their additional great ideas, knowledge, and volunteer efforts.

Don't look for a CRCPD commercial during the next Super Bowl. We don't have the budget for that. However, we do need to market the capabilities of our membership to other potential members and the agencies and professional organizations with whom we interact. The small plastic cards that each state received are part of that effort. The information on them is useful to anyone who works with radioactive material. They provide radiation protection information, national contact numbers, and the CRCPD web site. During the last quarter, there were 183,000 hits on our server and individuals spent a total of 11,000,000 seconds on our site. That is nearly 130 days! CRCPD is providing a needed service to members and to the national and international community who have questions and concerns about radiation protection. Please help market CRCPD to your professional, business, and community contacts. We will all benefit from increased interaction with *our partners in radiation protection*.

If you review the various goals and missions of CRCPD, you will find they all focus on meeting needs. To meet the needs of state radiation control programs, we must also meet the needs of numerous federal, state, commercial, professional, and public organizations and individuals. One of those needs is often for simple radiation conversion factors and response information. Although the plastic cards you received have national contact numbers on them, you could print a similar card with state contact numbers and a state web site. Every responder that I have worked with wanted one of the cards for their wallet. One fire chief wanted two so he could put both faces up under his desk protector. Printing and distributing a state version of the information cards will help meet local needs, market your program, and potentially increase interaction with CRCPD if you include our web site along with yours. Thanks for your help.

Ron



Washington DC trip report

By Ron Fraass (OED)
Executive Director

My March 24-25 trip to Washington provided an opportunity for three activities. I scheduled the trip to meet with the Homeland Defense Equipment Reuse Program (HDER) Ad Hoc Advisory Committee on the morning of the 25th. I took advantage of the trip to meet with Dr. Neiman, the Executive Director of the American College of Radiology (ACR) and the Washington Chapter of the Health Physics Society (HPS).

Lynne Fairbent met with Dr. Neiman and me for about an hour and a half on the 24th. We discussed the continued partnership with ACR and options for improving it. He suggested a formal article for the Journal of the ACR and I will work with our Liaison on that. Our current Liaison is Jennifer Elee. The article's purpose would be to introduce ACR members to CPCPD and the options of working more closely with state regulators in their respective states.

A second topic concerned working together on the equivalent of NRC advanced rule makings. When a state is hit with a new technology or use, we would be asked to bring the professional communities into the discussion of how to regulate/inspect it. I believe that FDA is unable to share information, in general, on new technologies until they are either approved or disapproved. Perhaps we could work out an arrangement for state participation prior to final approval so that we might prepare states to handle the new products or uses. The overall topic of new products and uses came up at the Symposium as a significant problem. We probably need to spend some time with our federal liaisons as well as the industry if we hope to be more proactive in this area.

During the evening of the 24th, I met with the Washington Chapter of the HPS. Roland Fletcher from Maryland was the guest speaker. Ed Tupin from EPA and I talked as he drove me to the meeting from the METRO stop. We discussed some current work on the Protective Action Guides, but no information is yet released on proposed WMD response standards. Ed Tupin is the current Chairperson-Elect of the chapter and introduced me to the members at the meeting. I also spoke with Orhan Suleiman from FDA. He is now a Senior Science Policy Advisor in FDA with the Office of New Drugs. Marlow Stangler, who has done a lot of work with FEMA on radiation response training was at the meeting and we spoke as well. About 45 attended the meeting, including some local DOE and NRC staff as well as commercial and medical health physicists and safety engineers.

A take-away idea from Roland's talk was that we need to be more positive in our messages to the public about actions to be taken in the event of a radiological dispersal event. He showed some slides

Washington DC trip report (continued)

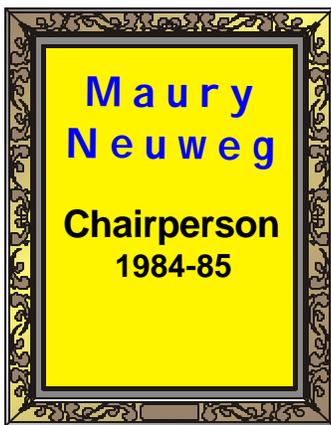
from old Civil Defense training material that showed ordinary citizens protecting themselves from fallout from a nuclear detonation. I am concerned that many today are terrified of a dispersal device and cannot even comprehend responding to a nuclear detonation.

The meeting with the HDER Director, Kerry Thomas and the other members of the Committee, went well. HDER has provided \$2M of equipment for first responders and states, but only reached about one fourth of the states. A hot topic was the decision by DHS to only permit their funds to be used to purchase new radiation detection equipment that meets the newest standards. I had read the drafts and just purchased and received the final versions. I will review them, but if they are similar to the drafts, they will be a gold standard rather than a reasonable standard. Instruments will be very rugged and therefore very expensive for features provided. He asked for a letter of concern from HPS and us, but it may be too late for any change to DHS policy. 2004 funding is \$1.7 billion, of which some fraction will be for radiological protection/detection equipments. Those purchases must be for devices that meet the new standards. The NRC provided a copy of the standard for portable instruments (N42.34) to each Director Member

Ron



Past Board Members



I was Chairman of the Conference from 1984-1985, and during that time I was employed by the Illinois Department of Nuclear Safety as Manager of the Office of Radiation Safety. This involved all aspects of regulatory control for x-ray producing devices, licensing and inspection of radioactive material and technologist accreditation.

During my employment with the State and as a member of the Conference, I was actively involved in the early days of quality assurance in the diagnostic radiology task force and was instrumental in developing the first accredited instrument calibration laboratory in Illinois. I assisted in hosting the 8th annual CRCPD meeting held in Springfield, Illinois in 1976.

Upon leaving State employment in 1986, I established a diagnostic radiation consulting firm, Radiation Protection Services, Ltd., and currently maintain ownership and continue to work full-time even though retirement is getting closer every day.

My business consumes a considerable amount of my time, but I do

Past Board Members (continued)

enjoy playing golf whenever possible. I never played golf in my life until less than three years ago and now I am hooked!

I have many fond memories of previous and current Conference members. I continue to keep in touch with some of the State members as a result of our radiation protection consulting services we provide for our clients in various states.

I wish you all peace and continued success in serving the public in radiation control.



Operation Synergy

By Ron Fraass (OED)
Executive Director

Because of our work with the Department of Energy (DOE) staff from the Federal Radiological Monitoring and Assessment Center (FRMAC), I observed Operation Synergy in Orange County, California in early March. The exercise included Orange and Los Angeles Counties, the state of California, FBI, DOE, NRC, FDA, EPA, and DHS (FEMA) participants. The three-day exercise simulated intelligence concerns being worked by the FBI and local authorities prior to efforts by California radiation protection personnel or locals. The simulated event was an RDD consisting of Sr90 and Cs137 spread by a few sticks of dynamite. The designated evacuation area covered a few square miles and the potential relocation area extended to more than 10 miles. Food Protective Action Guides were potentially exceeded for many tens of miles downwind. Local participants were trained and assisted in searches for the radioactive material prior to the event.



In addition to observing the exercise, I had the opportunity to bring up several state concerns over changes and reductions to FRMAC capability. At TOPOFF, FRMAC no longer had its remote telephone satellite dish because funding was eliminated. That will apparently be funded again in the future. Primary FRMAC equipment is still

quite excellent. It has been reduced in size and weight as well as better integrated with data handling systems. They have excellent field simulators for radiation driven exercises including "plume in a box" so that instruments read correct values based upon GPS

Operation Synergy (continued)

location data. This reduces the need for controllers and constant questions about meter readings.

DOE is still normally unable to bring their high purity Germanium detectors to a scene in a cool (operational) state. The first unit was operational about 24 hours after they arrived and began cooling it with liquid nitrogen. ORTEC has developed a Germanium detector that is cooled electronically so it could arrive ready to function. ORTEC will probably have a booth at our annual meeting and demonstrate the instrument. About \$60k would purchase a complete system. That is a higher cost than for a sodium iodide detector system, but a Germanium detector provides much higher energy resolution and more precise determination of individual isotopes.



California plans to integrate fully with the FRMAC and will use federal field team members to do on-the-spot training of state team members. FRMAC instruments will also become the primary instruments for field team members to use. FEMA evaluators monitored several aspects of the exercise

to provide credit for a state power plant exercise scheduled for later in the year. From the initial outbrief by FEMA, California will get some credit.

For those of you who have radiological emergency response functions, please consider adding another form to your equipment kits. If you do just-in-time training of field personnel, you should have copies of your approved form for female staff to use to declare a pregnancy. Although not required to declare a pregnancy, female staff should be provided the form if they desire to do so. We are required to maintain dose to declared female workers at a reduced level but not discriminate against their employment.

The second idea that came out of the exercise is using portable electronic road signs. Your state departments of transportation should have a few of these devices. The signs can be used to notify parents of school children where to locate their children or to find information about other evacuated special populations. They could also be used to identify relocation or decontamination locations. Messages

Operation Synergy
(continued)



“Disaster Preparedness for Radiology Professionals: Response to Radiological Terrorism” is available

on such signs can be easily changed and the signs are designed to be placed beside busy highways and streets. California planned to put one prior to an exit and direct parents to a parking lot just off the exit for information about their evacuated children.



<u>Name</u>	<u>Effective Date of Retirement</u>
Jeanne Crosby (CA)	March 31, 2004
Wayne Johnston (NH)	May 1, 2004

On behalf of the CRCPD membership, we extend a special thanks for your involvement in the CRCPD. Congratulations and best wishes for a well deserved and most pleasant and rewarding retirement.

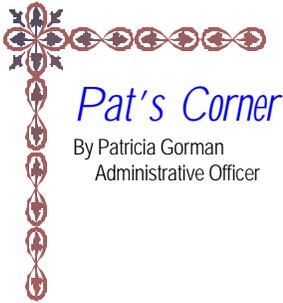


The American College of Radiology (ACR) has teamed with the American Society of Therapeutic Radiology and Oncology (ASTRO) and the American Association of Physicists in Medicine (AAPM) to release a primer on how to prepare for a radiological terrorist attack.

Entitled “Disaster Preparedness for Radiology Professionals: Response to Radiological Terrorism,” the primer is aimed at helping medical professionals and emergency personnel better manage an emergency situation resulting from a radiological disaster or terrorist attack. It serves as a quick reference in the event of a radiological event and offers guidance on proper preparation, as well as directives on handling contaminated people and the consequences of radiation exposure, according to the Reston, VA-based ACR.

The primer also includes information on radiological findings related to agents that could be used in a biological or chemical attack. To download, visit the ACR’s Web site <http://www.acr.org/dyna/?doc=departments/educ/disaster_prep/dp_primer.html>.





Pat's Corner

By Patricia Gorman
Administrative Officer

Proceedings of National Symposium on Fusion Imaging and Multimodalities: Technical and Regulatory Considerations

CRCPD has produced a CD that contains the Proceedings of the National Symposium on Fusion Imaging and Multimodalities: Technical and Regulatory Considerations, March 2004, CRCPD Publication E-04-2 (Published on CD @\$25; available online at no charge, <<http://www.crcpd.org/Pubs/PET-CT-Fusion/intro.html>>. To order a CD, contact Denese Southgate at CRCPD (voice 502/227-4543 ext. 2225 or email <dsouthgate@crcpd.org>, or fill out the online order form at <http://www.crcpd.org/PubsOrderForm.asp>>. CRCPD has provided the state radiation control Director Members, symposium attendees, and financial contributor coordinators with a complimentary copy.

Part N and TENORM Guidance Document Approved

The Board of Directors approved the model state regulation for Part N - Regulation and Licensing of Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) and the TENORM Implementation Guidance document for publication.

On behalf of the CRCPD Board of Directors, membership and staff, we wish to express our deep appreciation to the two working groups who have worked so hard, and for so many hours, to produce these two important documents. They are SR-N, chaired by Steve Collins (IL), and E-36 Task Force on TENORM, chaired by Tommy Cardwell (TX). I believe I can speak for the chairs of these two working groups - the expertise of the members, advisors and resource persons who have served on these working groups over the years has been invaluable.



Radiological Assistance Program (RAP) course

By James Straka
National Nuclear Security
Administration

History

The Radiological Assistance Program (RAP), established in the late 1950s, is one of the emergency response resources, or assets, administered by the National Nuclear Security Administration (NNSA). The RAP mission is to provide a flexible, around the clock response capability to federal agencies, states, tribal, and local governments, and to private businesses or individuals for incidents involving radiological materials. In essence RAP provides around the clock response capability to radiological emergencies.

The RAP Training Emergency Response program, or RAPTER, was created in 1994 to provide technical training needed by the RAP teams to fulfill their DOE/NNSA mission. This RAPTER Drill is just one

RAPTER
(continued)

part of the larger RAPTER training program. For more information about RAP please visit <www.nnsa.doe.gov>.

The week long course is presented four times each year. This year the first course is in April then each month there after for 3 additional months. I've included the course dates below.

The course has been modified recently to expand the students choices of subject matter. In the past we have invited students from two DOE/NNSA RAP Regions (each RAP Team member must attend on a regular 3 year basis), FBI, State EM and ER departments, National Guard CSTs. This year we have added local bomb and police departments. I've included a packet outlining the course and information including the necessary where's and when's.

If you know of any state or local ER people that may want to attend please forward the info to them. The course is free of charge, but they will have to pay their own transportation and Per Diem. It will be held in Albuquerque at the EOTA on Maxwell Street.

The point of contact for the course is Kathleen Burianek, 505-845-4113

RAPTER Class Dates:
DOE/NNSA Regions Attending:

April 19-23
Regions 0, 1, 2

June 7-11
Regions 4, 5, 6

May 24-28
Regions 0, 3, 4

July 26-30
Regions 7, 8



Reminder!

- **Have you visited the CRCPD Training Resources Loan Program information on the Web site 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."



CRCPD's 2004
 DIRECTORY OF PERSONNEL
 RESPONSIBLE FOR
 RADIOLOGICAL
 HEALTH PROGRAMS

Directory
 changes

Membership Updates

Director	-	Harley, Pamela L. (CO) O'Dowd, Dennis (NH)
Associate	-	Abunaw, John (NY) Clarke, Devane (TX) Fischler, Mitchell (MD) Gray, Anne Marie (NY) Henderson, Margaret (TX) Jarvis, James (CO) Koopman, Roger (WI) Mitchell, John (NY) Nelson, Bob (MD) Ortiz, Michael (NM) Pentecost, Tom (CO) Rice, Timothy (NY) Riggs, Jerry (NY) Spivak, Markus (NY) Stroud, Ed (CO) Tarlton, Steve (CO) Wilson, Scott (MD) Zeh, John (NY)
Affiliate	-	Dare, Jerome (OH) Foster, Donald (TX) Hargrave, Scotty (TX) Leonard, Shelby J. (NM) Wesley, David (MD)

Directory Changes

Page 2	-	OED - Sue Smith change title: Executive Secretary/Meeting Specialist; Lin S. Carigan change title: Mammography Program, Publications, and Web Manager; Curtis R. Hopkins change title: Radon Program Manager and <i>Newsbrief</i> Editor; Bruce Hirschler change title: SSRRCR Publication Manager and Network Administrator; Sharon Bowen change title: Administrative Clerk.
Page 64	-	PA - David J. Allard insert new e-mail address: <djallard@state.pa.us>; remove Richard Croll it is entirety.
Page 68	-	PA, Southeast Region: George Karron change title: Regional Manager, insert new address: 2 East Main Street, Norristown, PA 19401; insert new phone #: 484/250-5854, fax: 484/250-5951; insert David Gaisior for vacant, phone: 484/250-5847, e-mail: <dgaisior@state.pa.us>; insert new phone numbers for the following individuals: Terry Derstine: 484/250-5846; Joseph Pryber:

**Directory changes
(continued)**

484/250-5842; Bernard (Bernie) Au: 484/250-5839; Michael Cosgrove: 484/250-5845; Rebecca Hunter: 484/250-5850; Joseph Koshy: 484/250-5836; Larry Chang: 484/250-5884; Kurt Rutzmoser: 484/25-5853; Michelle Dyarman: 484/250-5852; Kenneth E. Hoffman: 484/250-5843; insert Richard Croll, phone: 250/484-5848, e-mail <rcroll@state.pa.us>

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FDA/CDRH - Office of Health and Industry Programs (HFZ-200): delete Joseph Lireka P. in its entirety and insert Lynne L. Rice, Director, phone: 301/443-2845, e-mail <lynne.rice@fda.hhs.gov>; insert John L. McCrohan, Acting Deputy Director, phone: 301/443-2845, e-mail <john.mccrohan@fda.hhs.gov>; insert Helen Barr, Acting Director, Division of Mammography Quality and Radiation Programs (HFZ-240), phone: 301/594-3332, fax: 501-594-3306, e-mail <helen.barr@fda.hhs.gov>; Penny Boyce change e-mail <penny.boyce@fda.hhs.gov>



CRCPD NEWSBRIEF

CRCPD Board of Directors

Board position	Name	State	Work Phone	Email address
Chairperson.....	Richard Ratliff	Texas.....	(512) 834-6679 ..	richard.ratliff@tdh.state.tx.us
Chairperson-Elect....	Edgar Bailey.....	California.....	(916) 440-7899 ..	ebailey@dhs.ca.gov
Past Chairperson.....	Cynthia C. Cardwell	Texas.....	(512) 834-6688 ..	cindy.cardwell@tdh.state.tx.us
Treasurer	Terry C. Frazee	Washington.....	(360-236-3213) ..	terry.frazee@doh.wa.gov
Member-at-Large.....	Kathleen McAllister .	Massachusetts..	(617) 427-2944 ..	kathleen.mcallister@state.ma.us
Member-at-Large.....	Jay Hyland.....	Maine.....	(207) 287-5677 ..	jay.hyland@maine.gov
Member-at-Large.....	Debbie Gilley	Florida.....	(850) 245-4545 ..	debbie_gilley@doh.state.fl.us



Abbreviations, acronyms, and initialisms

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

- CDC Centers for Disease Control and Prevention
- CDRH FDA’s Center for Devices and Radiological Health
- DOE Department of Energy
- DOT Department of Transportation
- DOD Department of Defense
- DOJ Department of Justice
- EMF electric and magnetic fields
- EPA Environmental Protection Agency
- DHS Department of Homeland Security
- FBI Federal Bureau of Investigation
- FDA Food and Drug Administration
- FEMA Federal Emergency Management Agency
- FRMAC Federal Radiological Monitoring and Assessment Center
- HHS Department of Health and Human Services
- 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
- USDA U.S. Department of Agriculture

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; Web site: <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 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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This publication is supported by Grant No. FD-U-000005 from the Food and Drug Administration. Its contents are solely the responsibility of the authors and do not necessarily reflect the opinions of CDCPD.