

**CRCPD Publication #E-08-4**

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# **CRCPD: THE CONTINUING SAGA**

**1993-2007**

**August 2008**

Published by

**Conference of Radiation Control Program Directors, Inc.**



**CRCPD: THE CONTINUING SAGA**  
**1993-2007**

**Terry C. Frazee**  
**Past Treasurer, Historian**

**August 2008**

Prepared and Published by  
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## FOREWORD

The Conference of Radiation Control Program Directors, Inc. (CRCPD) is an organization made up of the radiation control programs in each of the 50 states, the District of Columbia, and Puerto Rico. The primary purpose and goal of the CRCPD is to assist its members in their efforts to protect the public, radiation workers and patients from unnecessary radiation exposure. The CRCPD also provides a forum for centralized communication on radiation protection matters between the states and the federal government, and between individual states.

One method of providing assistance to the states, as well as to other interested parties, is through technical and administrative publications. Most technical publications of the CRCPD are written by various committees, task forces or special working groups. Most administrative publications are written by staff of the Office of Executive Director (OED).

This specific publication is a continuation of *CRCPD: The First Twenty-Five Years*, CRCPD Publication 93-4, which was published to document the history of our organization from its formation through to its silver anniversary. The format of this publication continues to highlight CRCPD's activities and accomplishments throughout each year culminating with the Annual Meeting in late spring.

We hope this publication will facilitate the "passing on" of history that our network of regulatory professionals has created. Whether state, federal, international, or affiliate member, we have all added value to the CRCPD and at the same time become friends as well as colleagues. Enjoy the memories and challenges.



---

John P. Winston  
CRCPD Chairperson

## **DEDICATION**

**To Charles M. “Chuck” Hardin, who, more than once, has come back from retirement to steady the helm as the position of Executive Director has changed hands.**

## PREFACE

One of the duties of the office of treasurer is to be the historian. That one word duty is something you overlook when volunteering to run for the office, overlook in the midst of preparing the treasurer's reports, overlook while functioning as a Board member, and finally, hope no one remembers you haven't done when your term of office is "up!" Like the several treasurers before me, I didn't give the duty much thought until my fellow Board members "thoughtfully" voted to have me "catch us up" from where the 25<sup>th</sup> Anniversary publication of our history left off! This was in the last days of my term of office, no less! Of course, I should own up to having made the motion that was unanimously passed.

While it has taken longer to complete than originally anticipated (my "decade" history has turned into nearly a decade-and-a-half), I hope that this reflective look back at how far we have come brings smiles, remembrances, and encouragement for the future.

A handwritten signature in cursive script, reading "Terry C. Frazee". The signature is written in black ink and is positioned above a horizontal line.

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Terry C. Frazee  
Past Treasurer & Historian  
Conference of Radiation Control Program Directors, Inc.

## ACKNOWLEDGMENTS

My thanks go to the Executive Board for their patience and encouragement while I have been distracted by “other duties” now that I am off the Board. Similarly, I owe my wife, Cheryl Anne, much for her patience and encouragement. I am also grateful for the staff in the Office of the Executive Director (OED) who provided documents from years past. Of course, my biggest thanks must go to all the Working Groups, Committees and individuals who dutifully reported their work in the *Newsbrief* from which the bulk of this history has been extracted. I am only sorry that I couldn’t feature more of their efforts. Finally, I thank Lin Carigan and Margaret Henderson for their review and comments on the draft of this publication.

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## ABSTRACT

**Fraze, Terry C., *CRCPD: The Continuing Saga, 1993-2007*, CRCPD Publication #E-08-4 (August 2008) (64 pp).**

*CRCPD: The Continuing Saga* documents the history of the Conference of Radiation Control Program Directors, Inc., and its activities and accomplishments through the years 1993 - 2007.

## **CRCPD: THE CONTINUING SAGA 1993 - 2007**

### **PROLOGUE**

In her *CRCPD: The First Twenty-Five Years*, Ruth McBurney gave us an enjoyable look back at the birth of our organization, and a memorable march through the years until we celebrated our Silver Anniversary in San Francisco in 1993. Her stories carried us forward from a four-member Executive Board in 1968, through:

- creation of the *Newsletter* in 1970, which was published quarterly;
- incorporation in 1975;
- hiring of an Executive Secretary and opening the Frankfort office in 1981;
- adding foreign members in 1982;
- our initial strategic plan in 1989;
- adding affiliate members that same year;
- converting the quarterly *Newsletter* to a monthly *Newsbrief* in January 1991;
- taking over publication of the Suggested State Regulations for Control of Radiation (SSRCR) in 1991; to
- beginning the use of Prodigy software in June 1992, which provided an electronic bulletin board as a rapid means of communication with the states.

Ruth's history of CRCPD ended with the 1992-1993 year almost completed. She covered the formation of the Radiation Control Research and Education Foundation (RCREF), our incorporation in the state of Kentucky, interaction with Congressional staff in the development of the Mammography Quality Standards Act (MQSA), and, for many of us, our initial foray into communicating by email. To complete that year's history, the following information was extracted from the *CRCPD Highlights* presented at the San Francisco meeting by Chairperson Aubrey Godwin (AL). In a burst of insight, Aubrey noted that states needed to double efforts to get involved with a communications network, whether Prodigy or some other system that might come along! While Prodigy was short-lived, our reliance on the internet has taken on a life of its own and certainly fulfilled Aubrey's encouragement to "facilitate getting information transferred from one organization to another quickly."

Another high point for the Conference was the successful negotiation with the Food and Drug Administration (FDA) for the first five-year cooperative agreement. This cooperative agreement had to be negotiated through a competitive bidding process. Many of us remember submitting letters of support to help CRCPD with the process. Aubrey also chastised us for neglecting to update the *State Profile* information. Our credibility as a source of information was lessened because the data was incomplete and did not represent all states. Finally, the creation of the James W. Miller Award, a tribute to a founding father of CRCPD, was announced. This award would recognize an individual with less than 10 years experience in a state radiological

health program who made a significant contribution in a specific area of radiological health. A list of CRCPD award recipients is included in the Appendices to this report.

Perhaps the true highlight of our first 25 years can be summed up in this single remark from the *CRCPD Highlights* presented at the San Francisco meeting:

*“I am continually surprised how much effort goes into making this Conference work; how much time is spent by the members, not just on their job, but away from their job, doing things, making things actually click, and getting the product out. It's clear it's not for selfish desires. It is indeed obvious to me that we are all working for the overall protection of the public, and our membership is very committed to that goal.”*

Aubrey V. Godwin, Chairperson 1992-1993

This captures the spirit of our organization. While spoken about the past, it predicted the ensuing years covered in this history and hopefully will continue to serve as the model for our future.

**CRCPD'S Mission**

As approved by the Board of Directors, May 1993

The mission of the CRCPD is to develop and disseminate standards of practice to ensure public health safety.

**CRCPD'S Objectives**

Provide opportunities for individuals in government, science, and industry concerned with radiation protection and control to cooperate and share their areas of expertise with a view toward development of standards of practice;

Implement training, disseminate committee technical advice and reports, and develop suggested regulations for radiation protection and control standardization;

Cooperate with governmental, private scientific, national and international organizations, and the public concerned with radiation protection and control;

Recruit, develop and retain members with expertise in all facets of radiation protection and control;

Develop and maintain financial parity to achieve the goals that help ensure radiation protection and control.

\*\*\*\*\*

## 1993-1994

Chairperson Donald A. Flater (IA) began his term highlighting a few of the issues he saw awaiting our scrutiny:

- implementing MQSA;
- addressing NARM (naturally occurring and accelerator-produced radioactive material) and radon and especially the impact of State Indoor Radon Grants; and
- implementing the new 10 CFR 20.

These were issues he thought in all likelihood would impact each of our programs.

Don himself led the MQSA charge, writing several times in the *Newsbrief* about MQSA issues that were of concern to him. These included the impact certification might have on access to mammography in rural areas, the possible shortage of qualified physicists, and a possible bias against state programs being both the certifying and inspection organizations. As FDA worked feverishly to meet the October 1, 1994, deadline for the certification of facilities performing mammography, CRCPD offered to assist with development of the inspection tool and the criteria for state certification programs. As a result, Cass Kaufman (Los Angeles County, CA) was appointed as a member of the National Mammography Quality Assurance Advisory Committee (NMQAAC). Chuck Hardin, our Executive Director, moderated a very successful “Meeting for Ideas Exchange on MQSA between the States and FDA” in Dallas, Texas. Chuck set the tone for the meeting with a New England town hall format in which no questions were barred and plenty of time was allowed for everyone to be heard. The sessions were lively, informative, comprehensive and thought provoking as the many pressures and problems facing the states and the federal government in implementing MQSA were discussed.

CRCPD participated in the Nuclear Regulatory Commission’s (NRC) final national workshop on rulemaking for the development of Site Cleanup Criteria. Bill Dornsife (PA) represented CRCPD and shared the results of a detailed survey sent to program directors. Issues of particular concern were:

- development of a standard that can be verified;
- the limitations of the waste disposal infrastructure and potential state responsibility;
- the level of required compatibility and whether states could have more stringent regulations; and
- the need to consider cleanup standards in the context of other radiation risks and limited resources to address all risks.

Bill also represented CRCPD on the Federal Interagency Working Group charged to develop federal guidance on cleanup and on the EPA advisory panel on the development of cleanup standards.

Jill Lipoti, Ph.D., (NJ) represented her state and CRCPD in offering testimony on the Indoor Radon Abatement Reauthorization Act of 1993 to the subcommittee on clean air and nuclear

regulation. Jill's testimony focused on the role of the states, regulatory flexibility, and state funding. The newly formed Committee on Radon (E-25) replaced the earlier Committee on Radon Public Awareness (E-21) and the Committee on Radon Program Implementation (E-22). Members met with Environmental Protection Agency (EPA) staff in the Radon Division and with others to enhance CRCPD commitment to address radon issues.

Wayne Kerr (IL) gave oral testimony to Representative Synar's House Subcommittee on Environmental, Energy and Natural Resources. His testimony dealt with the Government Accountability Office (GAO) report on the Nuclear Regulatory Commission and Agreement State Program. In his testimony, Wayne suggested that Congress:

- extend federal regulatory control to include discrete sources of NARM;
- place all federal uses of ionizing radiation under a single federal regulatory scheme;
- consolidate federal radiation regulatory activities into one agency; and
- allow state regulators to participate in joint working groups with any federal agency to address radiation issues of common interest without being subject to the full provisions of the Federal Advisory Committee Act.

While most of us seem to focus on ionizing radiation, CRCPD did not lose sight of the big picture! Bob Schell (ME) was appointed to a two-year term on the newly created National Electric and Magnetic Fields Advisory Committee by Hazel O'Leary, the Secretary of the Department of Energy. Bob believes his being chosen for this committee speaks well of CRCPD's role nationally in the nonionizing fields.

Numerous efforts also were made by Board members and non-board members to promote CRCPD by meeting with federal officials and congressional representatives. Issues ranged from the Radon Disclosure and Awareness Act, the self-regulation of the Department of Energy (DOE), to electromagnetic fields (EMF).

**CRCPD Slogan:**

**“A Partnership Dedicated to Radiation Protection”**

As approved by the Board of Directors, November 1993

Our slogan (mission) appeared on the *Newsbrief* masthead for the first time in the April 1994 issue, which elicited considerable debate over what constitutes a mission statement! The Task Force on CRCPD Strategic Goals composed of Ray Dielman (FL), Bob Kulikowski, Ph.D., (NY), and Diane Tefft (NH) also worked on refining the original Five-Year Plan (objectives) and the Board adopted these objectives.

**CRCPD's Objectives**

- Promote Standardization
- Enhance/Promote Organization's Image
- Enhance Relationship with Members
- Attain Self-Sufficiency
- Provide Leadership in Radiation Issues
- Be an Effective, Efficient Organization

The Board also approved revised criteria for Licensing State designation. After a number of years with relatively low participation in the Licensing State program (only 15 states had completed the designation process), a survey of all states indicated that a majority still wanted the program to continue but with a simplified application process. This simplified process was accomplished along with the creation of a new category called "Product Review State," in which the designation was focused on the state's ability to adequately review and approve the manufacture and distribution of NARM.

The year ended for Chairperson Don and his Board with the 26<sup>th</sup> National Conference on Radiation Control, hosted by Les Foldesi, CHP, (VA) and his staff along with the OED staff, of course! The setting and hospitality contributed to the success of the Annual Meeting, especially our Night Out in Colonial Williamsburg.

\*\*\*\*\*

**1994-1995**

*"CRCPD represents the largest body of radiation professionals working daily to protect the public health and safety in the world"*

Roland Fletcher (MD), Chairperson, 1994-1995

Roland Fletcher assumed leadership at the end of the Williamsburg, Virginia, meeting. In what he declared his maiden voyage onto the pages of the *Newsbrief*, he vowed to keep his messages "long enough to cover the subject, and short enough to be interesting!" His initial message focused on protecting the precious and fragile IMAGE of our organization.

Roland wrote:

*“Depending on our actions, we can be portrayed as Ambassadors of Goodwill and Protectors of the Public Trust or Raiders of the Lost Ark and Chronically Disgruntled Complainers.”*

He reminded us that our greatest asset is the influential leadership and early and continued involvement in and contribution to the development of radiation rules and guidelines. He vowed to be firm, convincing, yet courteous and cooperative when expressing CRCPD or Board of Director positions that may be contrary to established or developing perspectives of federal agencies or other radiation organizations. He included in his task to maintain, and where possible improve, the CRCPD’s stature as a formidable, reasonable and essential participant in the establishment of national and international radiation rules and criteria. “And by all means, keep smiling.”

Month two of Roland’s term of office saw him declaring “all is well ... or at least tolerable!” According to Roland, “Whoever said that scientists and mathematicians were a passionless, unemotional group probably never met a health physicist ....”. Active debate flowed about radon in water, development of low-level radioactive waste standards, state mammography accreditation, and NARM. Even the issue of whether CRCPD position statements should require a unanimous or merely a majority vote to pass was tackled.

Training was also a big issue during this year. CRCPD hired Shelly Schwartz as its training officer to work with the Training Committee to assess CRCPD member needs and arrange for needed training. Shelly, recently retired from NRC, recognized that no single federal agency or other entity could fulfill all the diverse training needs represented by our broad spectrum of regulatory responsibilities. In the long run, CRCPD would need to act as a clearinghouse to keep members apprised of where to find quality training, and even to conduct some of the needed training. A survey of the membership showed that the top needs were:

- basic radiation health protection covering the full range of state radiation control responsibilities; and
- all regulatory aspects of x-rays, including survey/inspection techniques, basic evaluation principles, and fluoroscopy.

Paid advertising first appeared in the July 1994 issue of the *Newsbrief*.

The number of steps needed to process changes to the SSRCR was reduced from 22 to 11 by the Board of Directors. The new system streamlined the process without jeopardizing the quality of the end product. A special meeting of the chairpersons of the various SSRCR working groups worked out a “parallel process” of rule development with the federal agencies. The new parallel process was intended to start with “early and substantive” involvement in the federal rule development process, which had been a longstanding concern among states.

The Barnwell low-level radioactive waste (LLRW) disposal site stopped accepting LLRW from outside the Southeast Compact in July 1994. Unprecedented volumes of LLRW arrived at the site in the preceding month as generators of LLRW hurriedly “cleaned out their closets.”

Virgil Autrey, South Carolina's radiation program director, commended the site operator and the individual generators and shippers in achieving this high waste volume disposal without any increase in public radiation exposure, with no accidents, no significant increase in worker exposures, and no significant violations of transportation regulations. At this point in time, the Barnwell LLRW disposal site was scheduled to close completely on January 1, 1996. Discussions really ramped up about disposal options, interim storage, siting of new facilities, and the need to increase monitoring at landfills, scrap metal yards, and incinerators to avoid "accidental" disposal of LLRW.

Mike Mobley (TN), chairperson of the Committee on Federal Facilities, actively worked on the issue of DOE self-regulation. Testimony was prepared on a draft House of Representatives bill to eliminate the self-regulation status of DOE. Bob Quillin (CO) gave the testimony at a hearing held by the House Subcommittee on Energy and Mineral Resources. The main points were:

- CRCPD supported the legislation to have NRC or its Agreement States regulate DOE facilities;
- all radioactive materials not regulated by the Atomic Energy Act should be regulated by the State radiation control programs; and
- all radiation machines should be regulated by the State radiation control programs.

In the September *Newsbrief*, Roland reflected on the various news stories and special reports about the theft and smuggling of nuclear weapons grade materials from some parts of the former Soviet Union. He was only slightly focused on the potential of some Third World Nation making a fission device. As he said "My regulator's mind was more intensely fixed on the potential consequences of the unsafe handling, packaging, transport and storage of this highly toxic, rather deadly alpha emitter by untrained, inexperienced personnel." Roland reminded us of recent world events (the World Trade Center bombing and the destruction of Flight 103), but cautioned us against adopting "continuing paranoia" as our mission statement. He urged us instead to become familiar with the properties, characteristics and toxicity of the high-energy alpha emitters and to share information with state and federal agencies. Roland concluded with the admonition that "even though federal assistance is going to be required, the calming presence of well-informed, knowledgeable state responders can positively influence the outcome of the event – so – BE PREPARED!"

The Board of Directors began publishing new or amended Board policies and/or procedures in the *Newsbrief*. Among the first to be published was a clarification on the requirement to periodically reevaluate designated Licensing States to assure that they continue to meet the criteria for Licensing State designation. The periodic review (every three years) was not to be onerous on either the state or the Committee on Licensing State Designation, yet the information required needed to be readily available, detailed and complete, and sufficient to provide reasonable assurance that the state is/is not functioning adequately to protect the public from the use of NARM sources and devices.

Serious questions about radon risk were being raised and the answers that had been relied upon no longer seemed to satisfy the questioners. The public seemed aware of radon but radon testing was dropping off. Perhaps the extrapolations being made were so alarming to the average

homeowner that they felt there was nothing they could do, and so they did nothing! A reevaluation of the message and its delivery seemed in order, at least according to some in the CRCPD.

Numerous articles began appearing in the *Newsbrief* to educate and encourage our participation in using the internet. Selected notes from Joe Findaro, CRCPD's "Eyes and Ears" in Washington, DC, first appeared in the January 1995 *Newsbrief*.

In preparation for the 1995 Annual Meeting, the Board recognized the need and set aside time for "impromptu meetings." These special time slots would allow last minute topics to be discussed and would minimize disruption to the regular meeting.

Another new feature of the Annual Meeting was to be a round table discussion to allow members to provide the Board with their views on issues that are important to each of them. The meeting in San Antonio would ask members to brainstorm ideas about their "Vision of CRCPD's Future" and particularly the development and implementation of the CRCPD Strategic Plan.

The Board of Directors approved Massachusetts as a Licensing State for Product Review. Massachusetts became the first state to apply for the new Product Review designation and is the first Non-Agreement State to be recognized as a CRCPD Licensing State for NARM.

Chairperson Roland closed his year listing some continuing challenges:

- Lack of positive press on radiation accomplishments (e.g., how many lives are saved, made longer, made better, etc., due to radiation?)
- Why is there still no national, consistently applied regulation of Naturally Occurring Radioactive Material (NORM)?
- Licensing State certification: is this an idea whose time has come – and gone?
- What do we do about disparity between x-ray and radioactive material regulatory programs? How do you spell relief? A-F-F-O-R-D-A-B-L-E T-R-A-I-N-I-N-G
- Status of radon programs—there is a growing list of naysayers.

*"Fact is fact, but perception is reality."*

Roland Fletcher, Chairperson, 1994-1995

Our 1995 Annual Meeting was held in downtown San Antonio within walking distance of the Alamo and the famed Riverwalk. The Night Out was especially memorable for the bull riding event featuring many local cowboys. This was one event we couldn't coax any of our members into trying!

**News Flash!**

**Wilhelm Conrad Roentgen discovers "a new kind of ray"**

**1895**

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## 1995-1996

Our very own songstress, Ruth E. McBurney, CHP, (TX) was especially excited to kick off her chairmanship in Texas surrounded by many of the Texas staff as well as supportive colleagues from around the country and continent. She tried to indoctrinate us into some “truly Texas terms” including proper use of “y’all”. Ruth came away from the San Antonio meeting noting the excitement and enthusiasm as members looked at the “whole enchilada” of directions and priorities that we could pursue. In the end, the membership went away with a reaffirmation of four primary objectives for CRCPD. These were:

- to promote consistent radiation protection practices;
- to provide leadership in radiation issues;
- to augment resources; and
- to enhance the relationship with our members.

The consistency and leadership of CRCPD is best conveyed through its products and services to state radiation control programs. The CRCPD produced several documents and one videotape this year. The document *Health Risks of Low-Level Ionizing Radiation* was approved at the 1995 business meeting with minor modifications and the draft document was distributed for use by radiation control programs and others. The membership also approved a resolution calling on NRC to adopt requirements for industrial radiography certification and two qualified person crews for field site locations.

Another major production completed this year was a videotape that was to be used to train first responders to transportation accidents involving radioactive material. The Emergency Planning Committee worked in conjunction with the DOE and the U.S. Department of Transportation (DOT) to produce the video. The text of the video was written primarily by the Emergency Planning Committee.

Chairperson Ruth visited with the newest NRC Commissioner, Greta Dicus. Her appointment to the Commission is one of the highest points of this CRCPD year. Ms. Dicus is the first state radiation control program director (AR) to be named to that post, and we are quite proud of that accomplishment.

Other areas in which the CRCPD was attempting to maintain a presence and visibility are the National Council on Radiation Protection and Measurements (NCRP) and the FDA’s National Mammography Quality Assurance Advisory Committee (NMQAAC). Bill Dornsife (PA) was currently serving as a member of NCRP and the CRCPD named Bill as our official liaison with that organization. Another FDA committee that had been reactivated was the Technical Electronic Product Radiation Safety Standards Committee (TEPRSSC). Roland Fletcher (MD), past CRCPD Chairperson, served as chair and Jill Lipoti, (NJ), incoming CRCPD Chair-Elect, also served on TEPRSSC.

*“I am so proud to be working with such devoted colleagues in this organization who not only have made radiation protection their vocation but also have given some of their own time to improving radiation protection for all of us through the CRCPD partnership.”*

Ruth McBurney, Chairperson, 1995-1996

The work of the committees is among the most important activities of CRCPD. The NORM Commission, a committee with the daunting task of developing SSRCR for NORM and a risk/benefit document on the regulation of NORM, was established. Members to the NORM Advisory Committee, made up of representatives from NORM industries and academia, were appointed and took an active role in providing input and data to the NORM Commission.

A new committee was established as a subgroup under the Mammography Committee (H-11) to provide feedback to FDA on the inspection process. The group was made up of state and federal MQSA inspectors.

Other committees that were very busy this year included the Federal Facilities Committee (Mike Mobley, TN) in developing state input on the DOE oversight proposals, and several of the SSRCR groups in the production of new amendments. The Committee on Resource Recovery and Radioactivity (E-23), chaired by Don Bunn (CA), provided input to an NRC technical workshop concerned with radioactive devices showing up in metal scrap. Martha Dibblee (OR) described Oregon’s registration and inventory program for the control of generally licensed devices that has been successful in preventing loss of control of gauges in Oregon. Many other committees worked very hard and were given credit in the *Newsbrief*.

Training is always an important area of interest for the CRCPD. Not only did we reaffirm efforts to piggyback training needed by state and local programs onto the Annual Meeting, but this year also added continuing education training for MQSA inspectors. This year, we had the opportunity to appoint two members to the Design Team for Radon Training Centers for the development of a design for a national continuing education training program in radon. Karen Tuccillo (NJ) and David Chase, Ph.D., (NH) were appointed to serve on that group. The topic of CRCPD-sponsored training was also one of the areas being discussed not only in terms of our own training needs, but also as a future funding mechanism.

CRCPD continued to enhance the relationship of our members through coordinative services. The All States Radon Conference brought together state and federal agencies to share radon issues and experiences. CRCPD maintained its status as an accrediting body for state calibration laboratories. Three laboratories were accredited. We also served as a broker to state programs for the Texas industrial radiographer exam. Seven state programs were participating. These projects served not only to promote consistency among state programs but also provided unique services the programs could not easily obtain elsewhere.

For the first time, decreases in the federal agency budgets had direct impacts on CRCPD. The Board of Directors began looking for ways to minimize the effect and to broaden our financial base. We applied for status as a non-profit charitable organization under IRS tax code [501(c)(3)] in order to give contributors to CRCPD an opportunity to deduct contributions on their tax returns. Among the efficiency measures taken, the Board:

- reduced the number of *Newsbrief* editions from 11 to six per year (November 1995 was the last of the “monthly” *Newsbriefs* – February 1996 was the first of the bimonthlies);
- eliminated the free distribution of Annual Meeting Proceedings to attendees; and
- reduced the number of Board meetings from three to two per year.

Strategic planning and roundtable discussions were focused on broadening the financial base. This included a potential change in the membership structure. State group dues, or corporate dues, could possibly result in more members and potentially more involvement of the membership.

Another area that CRCPD studied and prepared for was potentially becoming a national standard setting body. The ability of CRCPD to develop credible standards was alluded to in the National Academy of Science Report on the regulation of medical radiation this year. A committee was established to look at the feasibility of this for new regulation development.

Our year ended in Albuquerque, New Mexico, the “Land of Enchantment,” where the New Mexico staff provided a great hospitality room to help everyone get to know one another a bit better.

\* \* \* \* \*

### **1996-1997**

Coming away from the Albuquerque meeting, our new Chairperson, Bill Dornsife (PA), pledged to provide positive and proactive leadership and to be a spokesperson and advocate for CRCPD. Bill’s first *Newsbrief* article set out many goals and specific action items for us.

The major accomplishments of the year were:

- taking significant steps toward the establishment of a new funding base;
- significantly increasing the visibility and influence of the CRCPD in national radiation protection matters; and
- becoming more effective and results-oriented.

Part of achieving a stable funding base included creating State Program and Academic membership categories. The State Program category increased membership by about 20% and added about \$20,000 to our funding base. In addition, IRS tax deductible donation status was approved, and a fundraising plan under development. A prospectus was developed and fundraising efforts readied to replace the now defunct Radiation Control Research and Education Foundation (created in 1992-93 and dissolved October 1996). A key part of the fundraising effort was Board approval for the Executive Director to spend up to 50 percent of his time on this effort and to use a professional group to assist.

Bill took his pledge to be a spokesperson to heart and met with many, many entities in order to increase the general awareness of CRCPD, our capabilities, and our willingness to provide information and collaborate on issues. These meetings included all our federal partners plus the:

- National Governor's Association (NGA),
- National Council on Radiation Protection and Measurements (NCRP),
- Association of State and Territorial Solid Waste Management Officials (ASTSWMO),
- American National Standards Institute (ANSI),
- American College of Radiology (ACR),
- staff from various committees of the U.S. House of Representatives,
- staff from various committees of the U.S. Senate,
- Defense Nuclear Facilities Safety Board (DNFSB),
- National Council of State Legislatures (NCSL),
- American College of Nuclear Physicians (ACNP),
- Association of State and Territorial Health Officers (ASTHO),
- American Association of Physicists in Medicine (AAPM),
- Environmental Council of the States (ECOS),
- National Academy of Sciences (NAS),
- Association of State Drinking Water Administrators (ASDWA), and
- U.S. General Accounting Office (GAO).

In addition, State members of CRCPD were appointed to various influential working groups including:

- two NCRP Committees, the International Atomic Energy Agency (IAEA) working group on occupational exposure;
- the American National Standards Institute (ANSI) working group on source term; and
- NMQAAC.

Jim Hardeman (GA), chair of the Committee on Emergency Response Planning (E-6), testified at a Federal Emergency Management Administration (FEMA) public meeting on the CRCPD Board-adopted position regarding distribution of potassium iodide (KI). Finally, the Board hired Otha Linton to continue and expand the coordination with entities in the Washington, DC, area that had been started.

At the mid-year Board meeting, several steps were taken to make CRCPD more results-oriented and effective. Among these steps, five working groups were abolished, consolidated or

reduced to a one-person issues coordinator. The Board also created an Advisory Council comprised of a new category of membership—any industry group that contributes at least \$10,000 to the Conference. This action was to achieve wider and more effective stakeholder involvement in CRCPD. In addition to the Advisory Council, agreements were made with most of the national organizations to better coordinate common issues at the working group level.

The Board also created a more formal council structure whereby working group chairpersons would meet at least annually with their council chair to discuss progress and new ideas for projects. Finally, new technical staff was added to the OED to help document and facilitate the activities of our working groups. The first new technical staff member added in this capacity was our SSRCR coordinator. The new coordinator assisted in publishing Part BB (Tanning Facilities) of the SSRCR and had two others parts nearly ready for issue.

This year saw the first use of the term Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) that appeared with a proposed complete rewrite of Part N of the Suggested State Regulations. Many significant changes were proposed for the new Part N including using a dose-based standard rather than a concentration-based standard, excluding radon from the dose calculation, and excluding As Low As Reasonably Achievable (ALARA) from consideration.

The SR-6 Committee worked with NRC staff to clarify compatibility issues in Part G (Medical Use of Radionuclides) of the SSRCR. SR-6 had deliberately left out certain elements of NRC's Quality Management Rule in the February 1995 revision of Part G. Discussions focused on a common desire to improve the existing regulations through a cooperative, consultative process. NRC shared preliminary thoughts on a model for re-tooling 10 CFR 35 from the ground up. SR-6 developed recommendations for the Board of Directors to provide to NRC. These included a focus on less prescriptive, risk-based, dose-driven rules.

The 1993 Nationwide Evaluation of X-ray Trends (*NEXT*) Dental survey was published. CRCPD decided to continue supporting and coordinating the *NEXT* program despite the loss of FDA funding. CRCPD set a goal of issuing future *NEXT* final reports about one year from initiation of data gathering. This would require the cooperation of all involved parties.

**Interim Mission Statement**

Endorsed by Board of Directors 1997

“CRCPD is a partnership of radiation protection officials dedicated to the protection of the public, the radiation worker, and the patient from unnecessary radiation exposure and the protection of the environment from radioactive contamination. Our mission is to promote consistency in addressing and resolving radiation protection issues, to encourage high standards of quality in radiation protection programs, and to provide leadership in radiation safety and education.”

**CRCPD Motto**

*Newsbrief*, February 1997

“A partnership dedicated to enhancing consistent and effective radiation protection programs”

The Board created a Training Commission, with Kathy Allen (IL) as Chair, to promote opportunities for CRCPD to be more involved in training of both state and industry personnel.

A CRCPD web page was established through the efforts of our Webmaster Jake Jacobi (CO).

After more than 15 years of service, the OED’s administrative assistant, Pat Gorman, resigned, wishing us much success. Her parting words to us were “Keep tooting your own horn – you deserve it!” Pat was replaced by Sue Smith.

Bill’s year as chairperson came to a close at the Annual Meeting in Tacoma, Washington, where he reminded us that we, the membership, represent the real strength of this organization. We all must continue to work together to build a stronger and more influential organization with the overall goal of improving the infrastructure for radiation protection in this country. The Committee on Mammography (H-11) was recognized for the Mammography Continuing Education Workshop with the US Vice Presidential Hammer Award inscribed “Thanks for building a government that works better and costs less!”

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**1997-1998**

Jill Lipoti, Ph.D., (NJ) began her term as Chairperson declaring her highest priority was to be serving CRCPD members. She noted in her first *Newsbrief* article that the old management model was a top down approach: top management thinks – and directs staff to act. She asked us to embrace the new model of integrated thinking at all levels. She hoped that each of us would feel our participation is valued and valuable.

Jill observed that it seemed unlikely there will ever be “one magic federal agency” to coordinate all radiation issues. Therefore, Jill’s vision for CRCPD was to work within those fragmented responsibilities to establish relationships with all responsible partners and to build on CRCPD’s reputation as a source of credible, accurate, and understandable radiation information.

In her third *Newsbrief* article, Jill posed a simple question that had been asked of her by a member of the ACR:

*“Is the purpose of the project [a program to improve image quality while minimizing dose] to:*

- *decrease dose at all facilities;*
- *identify the facilities that are producing poor quality images and assist them in improving; or*
- *to put the poor facilities out of business?”*

The suggestion was that clarifying CRCPD’s purpose would influence the goals of the program and that indeed gets to the very heart of CRCPD. Are we here to document trends? Encourage trends? Set trends? Jill went on to pose additional questions to stimulate our thoughts and discussion about regulations, policy direction, research, documentation, and encouragement of improved radiation performance.

In another *Newsbrief* issue, Jill tackled the Interagency Steering Committee on Radiation Standards (ISCORS). She lauded the lofty objectives of their Charter (facilitate consensus, promote consistent and scientifically sound approaches, promote completeness and coherence of federal standards for radiation protection, etc.) and suggested that we need each other. CRCPD needs the power they can bring to bear on the subject. ISCORS needs our naïve belief that uniform radiation protection standards are possible. We know it needs to be done and we don’t believe it is impossible!

In the most dramatic new development of the year, the EPA provided substantial new funding for CRCPD's orphan source initiative. Joe Klinger (IL) was chosen to chair a new committee to evolve some strategies to deal with this pervasive problem, including interim storage problems, easier reporting of lost and found sources, and potential recycling of sources. The committee sent out a survey to find and identify the worst orphans and pay for disposal.

The NEXT survey is the single piece of "research" accomplished by CRCPD and is quoted in numerous journal articles. The NEXT survey documents how dose has been decreasing during the years the states have operated regulatory programs for machine sources of radiation. The American College of Radiology (ACR) recognized the value of the NEXT survey data and stepped in to provide funding support for its continuation. In turn, the NEXT committee continued to work closely with ACR on survey needs.

The addition of Bruce Hirschler at the OED took the burden of writing and formatting SSRCR revisions off of the respective committee chairs who have "real jobs" back in their states. This significantly accelerated the development of the SSRCR. In fact, the CRCPD seemed to be working faster than our federal friends – several of which had not addressed their concurrence with SSRCR months after submittal by the Board of Directors.

Speaking of the SSRCR, our desire to complete NORM standards came at a time of much controversy. The industry wanted standards set at 500 mrem. EPA wanted standards at 15 mrem with a 4 mrem groundwater restriction. NRC had no jurisdiction, but wanted an all- pathways

approach using 25 mrem, allowing exceptions to 100 mrem. There were a number of threats of lawsuits from the regulated community that could have called our entire SSRCR collection into question. The Board chose to pursue a process similar to the stakeholder's involvement in the radon privatization issue. This would get input from environmental groups, consumer groups, the Association of State and Territorial Waste Management Officials, the Association of Safe Drinking Water Administrators, and others who had not yet voiced an opinion. The NORM Commission planned to hold meetings in Washington, DC, and Texas in the next year.

In an interesting new twist on how to write a SSRCR in the rapidly changing world of federal priorities, the Radon Regulation Committee (SR-11) was commissioned to design a model privatized radon certification program. One of the charges to SR-11 was to develop radon certification regulations. Through a cooperative agreement with EPA, CRCPD sponsored radon stakeholders meetings to obtain input into the best possible certification program. A wide range of individuals was invited to the meetings which consisted of some plenary sessions with everyone sharing ideas on the overall concepts involved in certification, and then individual groups delving into the specific issues involved with certifying individuals to test homes, mitigate homes, provide laboratory services, and transition from the EPA's current program. The meetings were lively and contentious at times, but the end product was something that provides a workable framework for a private entity. The final product, while not a consensus document, at least showed an understanding of the difficulties encountered by everyone struggling with this important public health issue.

Not to be outdone, the Committee on the Use of Radionuclides in the Healing Arts (SR-6) began drafting proposed rules that would focus on training and experience criteria for both authorized users and technologists. SR-6 hoped to influence NRC's proposed new Part 35 by leveraging the licensee's radiation safety responsibilities to include an actual basic radiation safety science examination for all individuals handling (administering) radionuclides. Technologists not currently certified would have had five years to become certified or to pass an agency approved exam. SR-6 hoped that the cross consideration of rules ideas with NRC's Part 35 working group would result in a truly parallel rulemaking process.

CRCPD's continued leadership in the area of response to radioactive material emergencies. The video *Dealing with Stray Radioactive Material* was approved by the Board, and *Detection and Prevention of Radioactive Contamination in Solid Waste Facilities*, a full-color brochure and poster, was published. The video and brochure were intended to reach a larger audience and help to assure public protection from sources that slip through the regulatory net.

Interest in the information on our web site attracted members from all over the globe. To improve this window through which others view us, professional support was obtained and our address became [www.crcpd.org](http://www.crcpd.org). Jake Jacobi (CO) was credited with showing us the possibilities of this tool for public outreach.

In another improvement in outreach, our *Directory of Personnel Responsible for Radiological Health Programs* was offered for the first time (1998) in electronic format (on a 3.5 inch disk). We also improved access to publications in general by being able to accept VISA, MasterCard, and American Express for the first time.

Chairperson Jill’s last message to us as she ended her tenure was to “Learn to love the questions!” She was reflecting on Americans’ pride of independence, whether of the individual, the community, the municipality, the county, or the state. When asked “What do the states think?” no one should be surprised when they hear the answer that states don’t all agree! Jill left us with the notion that the real work of CRCPD is maintaining an atmosphere that allows respectful exchange of ideas, and not having to apologize for expressing a range of opinions!

“*We are many, we are one.*”

Jill Lipoti, Chairperson, 1997-1998

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### 1998-1999

Steve Collins, M.S., (IL) kicked off his tenure as Chairperson at the end of the Mesa, Arizona, Annual Meeting. His first message to us reflected on our continuum of efforts, some started 30 years ago, which he believed the Chairperson should keep energized, funded, and adapted to changing times. To do this and to allow CRCPD to function as a *voice of the states*, Steve and our Board of Directors asked that we provide feedback on hot issues whenever requested. They believed that is the only way they can represent majority or consensus opinions or, when necessary, fairly present the diversity among the states.

The updated *Profile* was completed by Chuck Hardin, Executive Director, and distributed to the states. Illinois used it to answer questions during their current legislative session and OED used it to answer many inquiries. States were asked to participate in the new abbreviated survey for the *Profile* by providing annual updated information only for the significant changes.

The SSRCR remained a high priority. Progress was made implementing the new parallel rulemaking process that was approved. The OED accelerated the process by providing timely writing and formatting for developed language.

The NORM Commission completed a substantial revision to Part N that was approved by the Board and sent to the federal agencies for concurrence. The Part N document was distributed for use by the states after an extended comment period but without federal comment. States were cautioned in using the Part N model because it was designed with more flexibility than other Parts of the SSRCR and each state would likely need to make several modifications during rulemaking. Illinois identified many items in the model that it handled differently, but the Illinois version still maintained all the basic standards of the model necessary to avoid problems with reciprocal recognition.

The Committee on Quality Assurance in Diagnostic X-Ray, chaired by Debra Jackson (NE), reviewed every QA Collectible, determined which ones were still accurate and up-to-date and

prepared revisions as needed. Many were approved and placed on the CRCPD's web page. This Committee also completed a draft of Minimum QC Recommendations for Diagnostic X-Ray Facilities.

In order of priority after development and maintenance of model regulations is training for state program staff. Training provided at the Annual Meeting in Louisville, Kentucky, included a full day of training on Quality Assurance in Medical Facilities by the AAPM and workshops on the Nuclear Materials Events Database presented by NRC and on the Federal Radiological Monitoring and Assessment Center by DOE. These shared training opportunities provided sharing of expertise and a synergistic effect on the productivity of the organizations. Making this happen is one of the major goals of CRCPD in fulfillment of our mission. Kathy Allen (IL), the Training Commission czarina (otherwise known as “the firecracker”), was active working on ways to expand our training opportunities and simultaneously reduce the cost of training. The FDA continued training and work with the states and CRCPD on a national effort for quality mammography.

All of the members and the federal resource persons of the Committee on Unwanted Radioactive Materials (E-34), chaired by Joe Klinger (IL), worked hard, with the result that many unwanted sources were disposed of by DOE to demonstrate the feasibility of the approach.

The Committee on Industrial Radiography, Jan Endahl (TX) Chair, fought to maintain the certification of the industrial radiographers program so that reciprocal recognition of credentials would be nationwide. The Committee on Medical Practice, Steve Doerfler (LA Co., CA) Chair, completed a survey and worked on the strontium-90 eye applicator project with NRC. Harlan Keaton (FL), Chair of the Committee on Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), coordinated the training for state attendees at each MARSSIM training session. Harlan received the Vice Presidential Hammer Award for this effort. The Committee on Radioactive Waste Management, Henry Porter (SC) Chair, reviewed and commented on a mound of documents and the Committee drafted several letters to the NRC. Jim Hardeman (GA), Chair of the Committee on Emergency Response Planning, with lots of assistance from Andrea Pepper (IL) and Ron Fraass (KS), developed and presented the CRCPD position on KI distribution and administration to members of the public and participated as an instructor in the Federal Radiological Monitoring and Assessment Center (FRMAC) leadership panel. Debra McBaugh (WA), chair of the Committee on Decontamination and Decommissioning, wrote a chapter for a book and presented the material at the HPS meeting and the Committee reviewed a huge stack of recent NRC documents on the Criteria for License Termination. Dennis Zannoni (NJ) presented comments at the NRC’s Criteria for License Termination workshop.

CRCPD was involved with the reauthorization of the MQSA, implementation of the radon and radionuclide portions of the Safe Drinking Water Act Amendments, revision of medical radionuclide regulation (10 CFR 35), improvement of control and accountability for generally licensed devices, privatization of radon certification services, communication of radiation risks in the food irradiation discussion, and implementation of our own program to deal with unwanted or orphan sources. And all that in addition to our normal activities!

Massachusetts was the first Non-Agreement State to seek recognition as a CRCPD Licensing State. However, this status was short lived as their efforts helped them become an Agreement State in 1997.

CRCPD created two new working groups: one to evaluate the pilot program of FDA on inspection frequency changes for mammography facilities, and one to develop guidance on how to implement the new TENORM regulations of Part N.

Awards of ribbons and prizes were instituted for participants in the poster session at the Annual Meeting in Louisville.

In his last *Newsbrief* article, Steve Collins reminded us that the *Newsbrief* was the best means available to communicate what our elected leaders are doing to serve us. Steve noted that feedback from members had been beneficial but sparse and with almost no negative comments. This was interpreted as being a high level of customer satisfaction with the positions taken by the Board and with the operational effectiveness of the OED. Steve urged us to participate in the Members Forum at the upcoming Annual Meeting and to tell the Board what we think throughout the year. In essence – saddle up and stay the course! Appropriately, the year as Chairperson ended for Steve “at the races” in Louisville, Kentucky. Unfortunately the horses weren’t running since the Chairperson’s Reception, held at the Kentucky Derby Museum at Churchill Downs, was about a week after the Kentucky Derby! The Night Out was a buffet dinner and cruise on the Ohio River aboard the sternwheeler *Star of Louisville*.

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### **1999-2000**

Robert (Bob) M. Hallisey (MA) continued the long tradition of focusing on member involvement. He declared that the major thrust of his term as Chairperson would be:

- to rejuvenate the CRCPD by getting more of us involved in CRCPD activities;
- seeking out and listening to our opinions as to what is right and what is wrong;
- determining ways to improve how we do business;
- continuing to work on the perennial problem of shrinkage of available funding; and
- working towards making this a conference of all radiation control program personnel and one in which we all actively participate in its goals, objectives, and activities.

Speaking of goals and objectives, Chairperson Bob was instrumental in getting the discussion going on updating the previous five-year Strategic Plan (1993). Diane Tefft (NH), chair of the Task Force on CRCPD Strategic Planning (S-2), led one of the Members Forums at the Louisville, Kentucky, Annual Meeting, which discussed the design of the new five-year Strategic Plan to carry CRCPD into the 21<sup>st</sup> Century. Draft goals and objectives were prepared and a timetable set for review/comments and final submittal to the membership for adoption. The Strategic Plan appears on page 21.

The Louisville Annual Meeting also witnessed Chuck Hardin's official announcement of his plan to "semi-retire" as our Executive Director on February 1, 2000. Chuck would continue on a part-time basis dealing with the technical issues, budget preparation, and fundraising. In honor of Chuck's many years of service as our full-time Executive Director from 1981-2000, the Board of Directors hosted a "surprise" reception on the last evening of the Louisville Annual Meeting. Chuck was greeted by approximately 150 guests, including his lovely wife, two children and their spouses, and his three grandchildren. Chairperson Bob presented Chuck with the traditional x-ray tube desk plaque and a Memory Book with lots of letters, notes, cards and photos from many of us. The highlight of Chuck's semi-retirement party was Joe Klinger (IL) and his guitar leading us in singing a special song by Ruth McBurney (TX) adapted to the tune of "Happy Trails to You."

At the same time, Pat Gorman was introduced as the newly hired Deputy Director to assume the day-to-day administrative operations of the CRCPD. Pat, no stranger to CRCPD – having served as Chuck's Administrative Assistant from the inception of OED in February 1981 until October 1996 – ensured a smooth transition on February 1, 2000.

Another effect of Chuck's announced semi-retirement was bringing out the discussion of how best to improve CRCPD's presence in radiation protection. The Strategic Plan was one major discussion, accompanied by a close look at the role of the Executive Director (part-time or full time? Technical background or business administrator?). Even the location of the OED was up for grabs! Some members considered Washington, DC, to be the better location for the OED, or at least for the Executive Director.

On the national scene, Greta Dicus, once the director of the Arkansas Radiation Control Program, was elevated to Acting Chair of the NRC. While her appointment was short-lived, we were all proud that a member of CRCPD had risen so high!

The Bylaws were changed to allow Associate Members the right to vote in elections. This increased the number of eligible voters from 53 to over 600! In the 2000 election, 41% of eligible voters cast ballots.

In a *Newsbrief* article, Jill Lipoti, Ph.D. (NJ) described her experience presenting a paper at an "International Workshop on Developing and Measuring Nuclear Regulatory Effectiveness." While the conference was focused on regulation of nuclear reactors, it did have several noteworthy lessons for all of us. The Swiss regulatory focus on quality assurance begins with assessment of people and organizations as the highest priority; assessment of equipment and engineering is the lowest priority. Regulators from Germany, Sweden, and elsewhere were concerned that NRC reliance on indicators rather than on oversight of management systems was counter to the international trend. A French utility representative spoke with great passion that there were 10 characteristics of the ideal regulatory agency and numbers one through nine were being "competent and credible." Not surprisingly, the utility representative proceeded to enumerate every time the French regulatory agency had failed to exhibit these traits! However, Jill felt the most important point, brought out by the Canadian government representative, was concern for succession planning in her agency. She noted a distinct lack of interest among young people in the whole area of nuclear technology, with most university programs in nuclear engineering closing.

In an interesting parallel, the Montana Radiological Health Program reportedly ceased to exist in April 2000. In June we learned it was still in existence, just undergoing restructuring while recruiting to fill the radiological health position.

Ohio was designated by the Board as a Licensing State for Product Review Only in May 2000. This was the second time this designation was used.

### **CRCPD Strategic Plan**

As approved at Annual Meeting, May 2000

#### **Goal #1 Produce radiation protection solutions that meet community needs**

- Objective #1 Determine membership needs
- Objective #2 Review working groups' activities annually
- Objective #3 Be proactive in handling new issues
- Objective #4 Promote standardization
- Objective #5 Expand development of CRCPD guidance documents

#### **Goal #2 Assist states with improving tools**

- Objective #1 Develop a mechanism to gather information requested by member states
- Objective #2 Act as a clearinghouse for all states/members

#### **Goal #3 Promote an active, energized membership**

- Objective #1 Provide more benefits for CRCPD members
- Objective #2 Promote opportunities for participation in committee activities
- Objective #3 Provide training opportunities for CRCPD members
- Objective #4 Increase communication among members

#### **Goal #4 Assure sound fiscal and organizational management of CRCPD**

- Objective #1 Maintain a sound fiscal plan
- Objective #2 Assure effective management of CRCPD
- Objective #3 Assure CRCPD activities are in line with the Strategic Plan
- Objective #4 To Evaluate the relationship between the CRCPD and the Organization of Agreement States

#### **Goal #5 Enhance the profile of the organization**

- Objective #1 Assume a leadership role on radiation protection and public policy issues
- Objective #2 Actively liaison with professional organizations and Federal agencies
- Objective #3 Advertise what we do

*“This is a new beginning. In the words of Louis L’Amour, ‘There will be a time when you believe everything is finished. That will be the beginning’.”*

Robert Hallisey, Chairperson, 1999-2000

At the Tampa, Florida, Annual Meeting, Chairperson Bob noted that during his tenure:

- For the first time, the Conference was asked to make a presentation on its organization at the National Health Physics Society.
- For the first time, the Chair was asked to participate in briefing the NRC Commissioners along with officials from the Organization of Agreement States (OAS).
- For the first time, a request was made for a presentation on behalf of CRCPD at the Annual Association of State Drinking Water Administrators. This presentation was very important because it emphasized the new partnership between CRCPD and ASDWA for the Radon Multimedia Mitigation Initiative.
- Lastly, for the first time, the Chair was asked to present at the 10<sup>th</sup> National Radiological Emergency Preparedness Conference.

Chairperson Bob also attended an International Conference in Warrenton, Virginia, entitled "Bridging Radiation Policy and Science." The Conference was sponsored by the International Nuclear Energy Academy, the International Nuclear Law Association, The International Nuclear Societies Council, the International Radiation Protection Association, and the World Federation of Nuclear Medicine and Biology. It brought together, by invitation only, 70 scientific experts, regulators and policy makers from around the world in an attempt to reach a consensus among individuals who have taken different technical and regulatory positions on the important societal issue of low-level ionizing radiation exposures.

This year also saw a large increase in the posting of materials on the CRCPD web page including a posting of Board Members positions, phone numbers and e-mail addresses, and the proceedings from last year's Conference. Chairperson Bob strongly encouraged CRCPD members to interact with the "Members Only" Section of the CRCPD web page. “More individuals are doing it, why don't you?”

*“We have all experienced frustration that we have not been as effective as we could have been in communicating about radiation, risk, effects, and control measures to the public, management, legislators and the press. Maybe, just maybe, we need to rethink how we go about doing what we do and try some new and different approaches.*

*Let's resolve our differences; cut through this scientific gobbledygook we sometimes speak and agree upon and promote unified, risk-based, publicly and scientifically acceptable, radiation protection criteria and standards.”*

Robert Hallisey, Chairperson, 1999-2000

The Tampa, Florida, Annual Meeting was accompanied by two very nice social events: the Chairperson’s Reception was held at the Florida Aquarium (really cool seahorses!) and the Night Out was held at the Columbia Restaurant in Ybor City where attendees enjoyed a wonderful buffet and were entertained by Flamenco dancers.

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## 2000-2001

*“Change can bring great opportunity if we are prepared for it.”*

Paul Schmidt, Chairperson, 2000-2001

As a history buff, Paul Schmidt (WI) believes it important to know the history of an issue before considering a change. In his first *Newsbrief* article, Paul saw the coming year as a time that has great potential for change due to new technologies, new methods of communication, and new regulatory philosophies. While change itself is nothing new, Paul believed that the rate of change experienced by CRCPD in the past will pale in comparison to the future. This is where the continuing challenge to CRCPD will be – adapting to an ever-increasing rate of change, recognizing opportunities and issues, and efficiently acting on those opportunities and issues. Paul’s general goal for the year would be building on the good work of previous chairpersons and boards and better positioning CRCPD to adapt to and benefit from change. His three specific areas of interest were to be:

- focusing on new technology;
- mentoring new members to improve involvement in the organization; and
- actively supporting the strategic plan developed by members.

During the year, the board began the process of implementing the strategic plan approved during the 2000 Annual Meeting. First, the board redirected the activities of the Task Force on Strategic Planning (S-2), who developed the strategic plan goals and objectives approved last year, to focus on implementing the strategic plan. The board also picked a short list of seven priorities from the plan to focus our resources and efforts on during 2001. They were:

- “Review working group activities annually.” OED developed a standardized form for working group chairs to report their activities in relation to the strategic plan to help with tracking.
- “Act as a clearinghouse for all states/members.” Redesign of the Member's Only web page helped address this objective by establishing a separate password protected section entitled *Regulatory Forum for State CRCPD Members*. The Members Only section was enhanced as well to be suitable for all members.

- “Provide training opportunities for CRCPD members.” A wide variety of training was offered at the Annual Meeting as a replacement for the previous years’ Members Forums. CRCPD also sponsored NEXT training during the year with funding provided by ACR and FDA.
- “Assure effective management of CRCPD.” Creating the Ad Hoc Committee on Organizational Review (S-6) and establishing new priorities for the Strategic Planning Committee (S-2) were in line with this priority.
- “Assure CRCPD activities are in line with the strategic plan.” Strategic planning was a cornerstone of board activities throughout the year.
- “Evaluate the relationship between the CRCPD and the OAS.” Representatives from the Boards of both groups met to discuss the future relationship between the two organizations.
- “Assume a leadership role on radiation protection and public policy issues.” We participated for the first time in a truly international conference.

The Ad Hoc Committee on Organizational Review (S-6), chaired by John Erickson (WA), was charged to review the CRCPD organizational structure, position duties of all OED staff, elected positions and our Washington presence, and to make recommendations to improve effectiveness in conjunction with our strategic plan. S-6 sent out a member survey to get our views on how to address some fiscal challenges we faced. This survey showed we preferred a full-time executive director, wanted to retain Annual Meetings and financial support of member attendance at these meetings, and supported reducing the budget for working group meetings to encourage other methods of interaction, such as conference calls. In addition, the Board decided to keep the OED offices in Frankfort, Kentucky.

At their October 2000 Annual Meeting in Charleston, South Carolina, the OAS recognized that as the number of Agreement States continues to increase, the distinction between OAS and CRCPD will become increasingly blurred. Already, the same people often attend both OAS and CRCPD meetings and occasionally NRC working groups have one person on them representing both organizations. Based on this, OAS created a working group to look at the feasibility of a merger or some other method of increased interaction between OAS and CRCPD. We met with them to explore our future relationship.

The Committee on Licensing State Designation (G-20) continued its efforts to expand the number of states participating by giving a presentation at the OAS and working on revising the criteria to align the Licensing State program with the “National Materials Program,” use of the IMPEP model, and allowing other “legally binding mechanisms” in place of the criteria’s reliance on specific SSRCR language.

The Task Force to Minimize the Risk from Fluoroscopy (H-22) developed an informational packet to help address the problem of excessive fluoroscopic exposure plus suggestions for state activities to promote the safe use of fluoroscopy during interventional procedures.

Suggested State Regulations continued to be a high priority. During the year, progress was made in improving the parallel rulemaking process for the SSRCR. In August of 2000, the Board approved a procedure for providing NRC pre-decisional documents to selected CRCPD working

groups, non-Agreement States and OED staff. This procedure was agreed to by the NRC in an effort to provide early and substantive involvement of state regulators in the development of new and revised NRC rules, guidance documents and other materials. The ultimate goal of this early involvement is to improve the timeliness of the SSRCR by allowing working groups and designated others to have early access to the NRC rules and documents that form the basis for the various SSRCR parts. This new process allowed the revision of Part G Use of Radionuclides in the Healing Arts to be developed in parallel with the new 10 CFR 35.

CRCPD supplied representatives to NRC's National Materials Program Working Group and its steering committee. The National Materials Program Working Group was formed to evaluate the impact of the increasing number of Agreement States on material regulation and recommend changes to adapt to this new reality. The NRC adopted a cooperative process (or Alliance) in which we would later become a part.

We also continued to provide input to the reengineering of FDA Center for Devices and Radiological Health (CDRH) by sending a representative to attend a Radiological Health reengineering meeting held in Gaithersburg, Maryland, plus sending two members to attend a CDRH meeting on the Future of Rad Health Training.

CRCPD sponsored the National Radon Conference in Milwaukee, Wisconsin, in October 2000 in cooperation with EPA.

The Committee for Unwanted Radioactive Materials (E-34) and the Committee on Resource Recovery (E-23) both worked with EPA to produce an interactive CD-ROM training program for first responders to radiation alarms at metal handling facilities.

One of the bigger accomplishments of the year was the Committee for Unwanted Radioactive Materials (E-34), the State of Colorado, and the OED successfully developing and implementing an orphan source pilot project designed to identify and dispose of unwanted radioactive materials using funds provided by the federal government channeled thru CRCPD. Joe Klinger (IL) was chair of E-34.

NRC Commissioner Greta Joy Dicus (and former Director Member from Arkansas) was elected to the Main Commission of the International Commission on Radiological Protection (ICRP). This was the first time that a member of the NRC or its predecessor agency, the Atomic Energy Commission (AEC), had been named to this world body.

Otha Linton, first hired in 1996, continued to provide for us a CRCPD presence in Washington, DC, and contributed *Newsbrief* articles from time to time.

CRCPD, at the invitation of the IAEA, participated in the International Conference on the Radiological Protection of Patients from March 26-30, 2001, in Torremellinos, Spain. This was the first international conference dedicated to the subject of protecting patients from excessive radiation exposure and had the potential to provide a high level of visibility for CRCPD and its activities on an international level. One of the most gratifying parts of this conference, according to Chairperson Paul, was hearing presenters from other countries mention CRCPD in their presentations.

This year ended with our first Annual Meeting outside of the continental United States. For many of us, getting approval to go to Alaska was equivalent to asking for foreign travel! Those who could attend were rewarded with extra-long daylight hours and a scenic dinner train ride along Turnagain Arm off of Cook Inlet.

Thanks to Chairperson Paul's interest in new technology, both those who couldn't attend and those who did but wanted a refresher could access some of the presentations at this meeting that were digitally recorded. All CRCPD members with internet access would have unlimited access to this content at no charge during the following year as part of the agreement with Digiscript, the company providing the service. (However, very few of us took advantage of the opportunity to view the content and six months later the Board voted to not renew the contract.)

In honor of John C. Villforth, former Director of FDA/CDRH, the Board of Directors established an ongoing guest lecture series to become part of the CRCPD's Annual Meetings beginning in 2001 at the Anchorage meeting. Mr. Villforth was recognized for his steadfast support of state radiation control agencies as a working partner with the FDA/CDRH in the protection of the American people from unnecessary exposure to electronic product radiation and radioactive materials (especially radium), and protection of the environment from radioactive contamination. He was also a strong supporter of the CRCPD in its early years of development.

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## 2001-2002

Like most incoming Chairpersons, Paul J. Merges, Ph.D., (NYDEC) penned an upbeat article for his first *Newsbrief* appearance. He also began "The Adventures of Frankfort 'Fil – The World's Only Radiation Forecasting Groundhog." This cartoon would appear in nearly every *Newsbrief* from June 2001 through February 2004. However, his very first words to us were "The times, they are a-changing!" His intention was to point out the fact that many of our members were nearing retirement and CRCPD needed other (younger?) members to get involved. Unfortunately, the change we got was the sudden and dramatic shift in focus from radiological health and safety to radiological security as a result of the terrorist attacks on September 11, 2001.

As Paul summed it up in his "highlights" at the end of his term: "We are the Nation's forum for state and local radiation control program directors and staff. We are the front line in working with our sister state agencies in protection of public health and safety and the environment when radioactive materials are involved. We are the state and local government's technical experts on radiation contamination, and radiation incident response and recovery. Let's not be caught off guard in the future -- plan to prevent/respond/recover. It is not IF it will happen again, but WHEN."

Throughout the year, several CRCPD activities focused on how we could be better prepared. Chairperson Paul attended a planning session in Atlanta and provided CRCPD input into the Center for Disease Control's (CDC) development of strategies for hospital emergency departments for a radiological incident. The year ended with a closed-door session on Emergency Response Terrorism Training at our Annual Meeting in Madison, Wisconsin.

This was also a banner year in considering the way CRCPD operated. From considering job duties of the Executive Director and staff in the OED to our working group structure to SSRCR development, the Board was quite busy. S-6 developed detailed job descriptions for the Executive Director and the Deputy Director as well as key staff. This was especially important as a run-up to filling the vacant Executive Director position. The Board approved the revised job descriptions and also decided to rename the Deputy Director position to Administrative Officer to better reflect the original intention for this position. The Board also approved the job statement that the "Washington Presence of New Executive Director could involve considerable travel up to as much as 50% of his/her time in Washington, DC...." Recruiting to fill the Executive Director position began in earnest in Spring 2002.

Along the way, the Board approved its 2002 list of eight priorities:

- "Assure effective management of CRCPD." (Hire a new Executive Director!)
- "Review working group activities annually."
- "Be proactive in handling new issues."
- "Promote standardization."
- "Evaluate the relationship between CRCPD and OAS."
- "Assume leadership role on radiation protection and public policy issues."
- "Actively liaison with professional organizations and federal agencies" (especially, with Homeland Security).
- "Promote opportunities for participation in committee activities." (Support Outreach Committee to increase member participation.)

The Membership approved a change in the Bylaws that changed the title of "Voting Member" to "Director Member" to avoid confusion with the new voting rights of Associate Members.

In December 2001, the Board created an Ad Hoc Committee on Working Group Structure, with Cindy Cardwell (TX) as chair. The purpose of the committee was to review the existing working group structure and recommend improvements.

In February 2002, the Board renamed S-5 from Ad Hoc Committee on the States' Role in National Radioactive Materials Regulation Development to the Ad Hoc Committee on Suggested State Regulations Development. The re-vamped committee was newly charged with reviewing and evaluating the SSRCR Development Process and exploring methods to promptly identify emerging technologies, radiation safety issues and changes in federal regulations. The committee was expected to develop a process to speedily determine when development of a rule was necessary.

The Industrial Radiography Committee (G-34) commented favorably on having NRC address Canada's proposal to have its industrial radiographer certifications recognized in the U.S. This would promote uniformity and acceptance from the states with regard to reciprocity. In addition, the Board recognized American Society for Nondestructive Testing (ASNT) as an independent certifying organization for x-ray alone and for the combined (x-ray and radioactive materials) industrial radiographer certification program.

Early in the year, the Board established the Committee on Naval Nuclear Propulsion Program (NNPP) (E-37). E-37 set three main goals:

- to get States the ability to review NNPP facility emergency response plans;
- to seek NNPP support for States to participate in drills; and
- to encourage States to request, and NNPP to provide to the States, the emergency plans for each facility.

David Walter (AL), chair of SR-6, which deals with Suggested State Regulations for Radionuclides in the Healing Arts, spoke at the Society of Nuclear Medicine in Toronto, Canada. Debra McBaugh (WA), chair of the Committee on Decontamination and Decommissioning (E-24), made a presentation at HPS winter meeting's Decontamination Session.

The Board approved Ohio to receive full designation as a Licensing State. All 17 states in the Licensing State Designation program were now at "full designation." Maine has applied for Licensing State designation.

Following a successful pilot the previous year, the National Orphan Radioactive Material Disposition Program got underway with funding from DOE and NRC through the FDA Cooperative Agreement. West Virginia, followed by Maine, and then Illinois signed agreements to participate.

The Board approved an Intercomparison Program for Portable Instruments as a special service for state radiation control programs. This was recommended and developed by the Committee on Ionizing Measurements (G-2).

Training opportunities for state radiation control program staff occurred throughout the year as well as at the Annual Meeting. Direct training included NEXT (for the Abdomen/Lumbosacral Spine testing), and Emerging Modalities in Medicine (at the Annual Meeting). In addition, the Commission on Training (S-4) completed its review of CRCPD's videotape library and developed a current list of pertinent tapes. S-4 also developed three new training modules for x-ray:

- a broad overview of medical diagnostic x-ray machines;
- a module on instruments; and
- a module on x-ray inspection calculations.

The Committee on Unwanted Radioactive Material (E-34) participated as instructors for the NRC's Nuclear Materials Events Database Training. E-34 also participated with EPA in filming an EPA interactive CD-ROM for first responders to radiation alarms at metal handling facilities.

Jill Lipoti, (NJ) was appointed to the NCRP for a six-year term beginning in April 2002. Jill was our Chairperson during 1997-1998 year.

Several major changes in how we communicate with members occurred this year. These electronic advances included:

- switching to electronic distribution of the *Newsbrief* (from August 2001 onward);
- posting of official CRCPD publications on the web site (December 2001);
- posting ballots and election information on candidates for office (February 2002 – we returned to paper ballots in 2003 because of poor response); and
- posting Annual Meeting information on the web site (March 2002) with email announcements to all members letting them know how to access the information.

The Annual Meeting in Madison, Wisconsin, was a great success in several ways: Preparedness in the face of terrorism was tackled, a new Executive Director was announced, and the Night Out was a winner! The Night Out saw us visiting the winter encampment of Ringling Brothers-Barnum and Bailey Circuses. Our new Ring Master (Executive Director), Ron Fraass (KS), was revealed at the end of the meeting. Julia Schmitt (NE) was asked to stay on the Board to fill Ron's "member-at-large" position until the next election of officers in 2003.

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## 2002-2003

Cindy Cardwell (TX) announced in her first *Newsbrief* article "the organization itself will see several significant changes in the upcoming year. We are working on several initiatives intended to increase efficiencies, promote more participation by our membership in a more timely manner, and ensure the products we generate are top quality. The initiatives involve critical evaluations of and development of recommendations for our overall working group structure and process and specifically, the SSRCR development process."

Of course, the first significant change was the real retirement of Chuck Hardin as Ron Fraass took over as Executive Director on July 1, 2002. Chuck was around for a 30-day overlap to allow for a smooth transition. Chuck was awarded the status of Life Member in the CRCPD in recognition of his 21 ½ years of service as our first Executive Director. Among his many other contributions to CRCPD, he assisted in writing our first Constitution and Bylaws, was primarily responsible for the design of our CRCPD logo, was our Chairperson for 1974-1975, and was

chair of the first NEXT Committee, the first Committee on Radioactive Waste, and the first Committee on Quality Assurance in Diagnostic X-rays!

*“I have had the privilege of serving our CRCPD members for over 21 years. During that time I have made many friends throughout the country, and I will cherish these friendships forever. The protection of our citizens from unnecessary radiation exposure is an extremely important public health service. Those of you who provide this valuable service are many times not appreciated for your professionalism, and your contribution to the betterment of society. ... Each of you is to be praised for your effort in providing a quality service to our citizens.”*

Charles “Chuck” Hardin, June 2002

Other changes at the OED occurred as our fiscal officer, Judith Woolums, departed after 14 years of service. She was replaced by Twila Barnett. In addition, a departing receptionist was replaced by an automated phone answering system.

Change in our working group process was “writ large” in Cindy’s second *Newsbrief* article. She noted four observations that members had made over the years:

- It is not often readily apparent to new members as to how to serve on committees.
- The working group membership process is sometimes viewed as not really being open (i.e., you have to know someone on the Board to be appointed as a member).
- The productivity of committees is often seen as less than it could be.
- Sometimes the products of committees are not timely.

With these observations in mind, the Board members who served as Council chairs (overseeing the working groups) met to critically evaluate the working group structure, process, and operation. As a result, Emerging Issues groups were identified for each Council and charged with quickly identifying emerging radiation control issues specific to that Council and recommending to the Board what CRCPD product might be necessary. The Emerging Issues groups would not be limited by the existing rotation policy for regular working group members and would be ideally suited to take advantage of the knowledge and experience of our past Chairpersons, Board members, Program Directors, retired members, and other members who, because of their daily job duties, are in a position to be aware of the “big picture” when it comes to radiation control issues. There would be no limit on the number of persons who could belong to the various Emerging Issues groups.

Each of the current working groups was reviewed and either retained as active or inactivated/terminated. Those designated as active were also determined to be either a continuing working group with ongoing charges or a task force with a finite life (usually associated with a specific product and time frame for completion). The Board went on to review and upgrade the specific working group charges with each of the remaining working groups.

In August 2002, Cindy attended the International Conference on Occupational Radiation Protection in Geneva, Switzerland. She presented a paper describing the issues involved in CRCPD's efforts to develop model regulations for naturally occurring radioactive material (Part N of the SSRCR). Among the points that Cindy brought back from the IAEA sponsored meeting were:

- the importance of stakeholder involvement in setting standards;
- the need to make the standards-setting process transparent;
- other health risks may overshadow radiation health risks (e.g., HIV/AIDS in South Africa);
- radiation standards shouldn't be relaxed because those other health risks may increase susceptibility to occupational exposures and severity of consequences of occupationally related injuries;
- NORM occupational exposures may be "not amenable to control;" and
- the aging workforce is an international issue as well as ours!

On the national level, NRC's Alliance process for identifying, prioritizing and addressing the regulatory needs of the radioactive materials program identified five pilot projects. These were to involve Agreement States in shared activities and allow them to assume greater responsibility in addressing regulatory issues. The Board approved CRCPD becoming the lead organization for the National Materials Program Pilot Project #2. Under this pilot, the Committee on Industrial Radiography (G-34) will be responsible for approving industrial radiography certifying entities under the National Industrial Radiographer Certification Program.

The FDA's Cooperative Agreement Grant, "Assuring Radiation Protection," has been a major source of CRCPD funding. This grant is awarded every five years during a competitive process. Thanks to CRCPD's past record of accomplishments, and our proposal to continue our work to assure radiation protection for the public, workers and the environment, the Cooperative Agreement Grant (popularly known as the "Umbrella Grant") was renewed for 2002-2007. The federal agencies providing funding under the Grant are EPA, FDA, FEMA, and NRC.

Arizona, Maryland, North Carolina, Pennsylvania, and Tennessee signed agreements with the CRCPD National Orphan Radioactive Materials Disposition Program during this year. They joined Illinois, Maine, and West Virginia. By the end of the year Colorado, Illinois, Maine, Maryland, and West Virginia had completed the process and dispositioned sources from their states.

In midyear, Cindy reflected on the "belt tightenin' time" we (state and federal programs and CRCPD) were experiencing. Although many thought the current budget deficits were the worst in decades, Cindy reminded us that we've weathered these types of storms before and that, as a whole, radiation control programs did not vanish! In fact, some benefits to be expected included finding new efficiencies, and allocating our resources based on actual risk! The value of the National Materials Program, as a framework to share resources for efficiency and consistency, continued to emerge as a necessity. The premise became that not all state or federal programs had to participate equally at all times and that programs could effectively participate in, even lead, issues that were a priority for them and share their work product with everyone.

Coordination with the Organization of Agreement States reached a more formal level. As Cindy noted, we became more effective in using our shared resources (our members) because “we is us and us is them!”

The issue of changing our organization’s name was seriously considered during this year. The Board received several suggestions for a new and improved name and approved seven for the membership to vote on. These included:

- Association of Radiation Control Programs (ARCP)
- Association of State Radiation Control Professionals (ASRCP)
- Association of State Radiation Control Programs (ASRCP)
- National Association of State Radiation Control Directors (NASRCD)
- National Association of State Radiation Control Programs (NASRCP)
- National Association of State Radiation Safety Directors (NASRSD)
- Society of State Radiation Control Professionals (SSRCP)

While none of the acronyms were particularly catchy, neither were they blatantly offensive! Members were emailed the list and asked to rank their top three (or choose not to change the name from CRCPD!). Chairperson Cindy and Member-at-Large Debbie Gilley prepared a poster for the Annual Meeting in Anaheim to get additional input on name preferences from folks attending the Annual Meeting. The plan was to announce the top name preference at the last business meeting during the Annual Meeting and then give notice of a special vote to make it official by changing the Constitution and Bylaws.

**A Rose is a Rose is a ....\* What's in a name?**

February 1996 *Newsbrief* Message from Chairperson Ruth McBurney--first mention that “conference” could hinder the influence of our organization.

October 2002 *Newsbrief* article by Chairperson Cindy Cardwell—both “conference” and “program directors” are not representative of our organization.

December 2002 *Newsbrief*—Board approved 2003 priorities included “Consider changing CRCPD name to enhance national and international recognition.”

February 2003 *Newsbrief*—“The Rules of the Name Game” - Chairperson Cindy Cardwell announces seven possible replacement names approved by Board for consideration.

May 2003 Annual Meeting--Poster session and voting booth solicited feedback from members and attendees; several “better” names were suggested.

December 2003 *Newsbrief*—Board announces our name will stay the same! “CRCPD” has already gained some brand recognition; better to keep it and work on improving what we do.

**“If you build it, they will come” – regardless of what you call it!**

*\*with apologies to Mike Mobley (TN), whose favorite and most instructive maxim is*

*“A rem is a rem is a rem.”*

The Board approved the addition of paid commercial advertisements in the *Directory of Personnel Responsible for Radiological Health Programs* (“the yellow book”), starting with the 2003 edition.

A special edition of the *Newsbrief* came out in March 2003 to address election of officers, the regulation development recommendations from S-5, and the “Future of Radiation Protection: 2025 Report.” In addition to the usual slate of candidates for Chairperson Elect and other three-year Board positions, a one-year Member-at-Large position was announced to fill the remainder of position vacated by Ron Fraass and filled temporarily by Julia Schmitt. In what was to become a lesson learned, the Board allowed three candidates for the Chair Elect. When no one received a majority of the votes, a run-off election had to be held! The Board vowed to keep future elections simple and stick with only two candidates at a time!

The Ad Hoc Committee on State Regulations Development (S-5) brought forward a great number of recommendations on how to strengthen the process for getting the SSRCR developed and into our hands in a more timely fashion. The Board adopted almost all of the 18 recommendations. These included:

- doing away with the three-year rotation policy for SSRCR committee membership and instead basing rotation on the completion of a specific set of tasks;
- incorporating timelines for specific products or deliverables which the SSRCR committee is charged to do;
- limiting the number of SSRCR parts assigned to any given SSRCR committee;
- ensuring the SSRCR committee stays focused on the specific task assigned to it; and
- encouraging broader communication between SSRCR committees and with other CRCPD members and outside stakeholders.

The Board instituted a new program to recognize individual state radiation control programs for their years of service in protecting their citizens from unnecessary radiation exposure. This was a joint venture of CRCPD and the OAS. States would be recognized as they reached their 40<sup>th</sup> years as an Agreement State. Non-Agreement States would be recognized on the anniversary of when their radiation control program came into existence. The Governors of each state would receive a plaque acknowledging their own state’s milestone. The first states to receive plaques were California, Kentucky, Mississippi, New York and Texas.

The year ended in Anaheim, California, with a memorable Night Out on the Queen Mary.

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**2003-2004**

In case anyone hadn’t noticed, Richard A. Ratliff, P.E., (TX) followed Cindy Cardwell (also of the Texas Program) as Chairperson. This was the first time that any state held more than one Board position at the same time. Much is owed to the State of Texas for being able to support such volunteerism!

Following the very successful Annual Meeting in Anaheim, the Board created a new Council on Homeland Security to oversee the working groups needed to address the emerging issues identified during the meeting that related to homeland security. The Homeland Security Council joined the Environmental Nuclear Council, the General Council, the Healing Arts Council and the Suggested States Regulations Council.

Within the General Council, the Committee on Industrial Radiography (G-34) began working on Pilot Project 2 of the National Materials Program. Carried out under charter from NRC, this Pilot will demonstrate the collective ability of the states, through CRCPD and specifically G-34, to oversee all activities associated with a national industrial radiographer certification program.

E-6 worked to improve radiological emergency response capability in coordination with the Federal Radiological Monitoring and Assessment Center. Emergency response manuals were updated and OED requested funding for a state capability study.

After many years in the making, the Board approved the model state regulations for Regulation and Licensing of Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) in SSRCR Part N and the TENORM Implementation Guidance document. There had been much hard work and a very in-depth review by SR-N, chaired by Steve Collins (IL) and the Task Force on TENORM (E-36), chaired by Tommy Cardwell (TX).

The Board also created a Past Chairpersons Advisory Committee. This committee was to take advantage of the vast experience of past chairpersons to advise the Board on ways to advance the effectiveness of CRCPD, to provide advice on complicated technical and policy issues, and to advise the Board when it appeared that a wrong approach was being taken in a particular area!

After input received at the Anaheim Annual Meeting, the CRCPD Board voted to not pursue a name change. Although the term “conference” and the emphasis on Program Directors are no longer reflective of our cohesive, on-going organization with a broader membership, the current name was found to have gained some national and international recognition. It was felt that there would be no advantage in a name change. Even though some better names were suggested, the Board decided that it would not be worth the initial setback in “brand name” recognition and the diversion of time and resources needed to explain any change in name.

CRCPD has been formally recognized by IAEA as a Non-Governmental Organization (NGO). NGO status allows CRCPD to attend the official IAEA meetings as an observer. Ron Fraass, our Executive Director, attended the 47th Regular Session of the General Conference on International Atomic Energy in Vienna, Austria. Ron came away from this meeting noting that we in the United States have excellent professional relationships between state members and with our national radiation protection services. He found that our level of mutual trust and willingness to work together far surpasses anything he saw at IAEA!

In June 2003, Chairperson Richard and Pearce O’Kelley, Chairperson of OAS, briefed staff from the federal Council on Homeland Security, as well as staff from the Department of Homeland Security. These representatives were surprised that there was such an organized and cooperative effort of state radiation control programs. Chairperson Richard presented a number of state concerns and issues, pointing out that state radiation control program staff will be among the first health physics responders to radiological incidents, including terrorist events involving radioactive materials in our states, and would oversee the control and cleanup of affected sites. CRCPD and OAS advised the group that one problem that states were seeing was that the federal agencies were not coordinating their funding for emergency response to assure that the funds are being spent in a manner that will be most effective in combating terrorist activities. An example cited was that many first responder groups (fire and police) were purchasing expensive radiation detection instrumentation for which they had no support for training in its use or for its calibration.

CRCPD and OAS continued to strengthen their partnership. OAS and CRCPD conducted their annual NRC Commissioners' briefing in September 2003, and both organizations had a closed meeting with NRC Commissioners following the meeting on Homeland Security issues. CRCPD members continue to be nominated to serve on NRC working groups representing CRCPD.

CRCPD sponsored a National Symposium on Fusion Imaging and Multimodalities: Technical and Regulatory Considerations, held in Kansas City, Missouri, in February 2004. The need for such a symposium to address the fusion of Positron Emission Tomography (PET) and Computed Tomography (CT) had emerged during the 35th National Conference on Radiation Control in Anaheim. At the Symposium, technical and clinical information was presented on PET/CT and new types of radiation therapy treatments.

The Thirteenth Annual National Radon Meeting was held in Nashville, Tennessee. It was noted that EPA was well represented but few CRCPD members were in attendance.

CRCPD worked to create a Radiation Protection Professionals Day during this year. A little closer to home, the Charles M. Hardin Award for Exemplary Performance was created to recognize OED staff. Chuck Hardin personally presented the two inaugural awards to Lin Carigan for her work making the CRCPD web site much more user friendly and to Pat Gorman for her management of OED staff, allowing the Executive Director to travel on business without worrying about the daily decisions that needed to be made.

On the electronic front, our official web page was updated to provide more material for members and the public. The "What's New" section was expanded and emails from OED became a popular way to communicate with members. Many more documents were posted and this year, for the first time, the Proceedings of the Annual Meeting were published on a CD instead of being printed and bound. Starting with the Proceedings of the 35<sup>th</sup> Annual National Conference on Radiation Control, all Proceedings were published on CD.

Past Chairperson Ruth McBurney was elected to the office of President of the HPS, taking office as President-Elect in July 2004. She is the first person from a state radiation regulatory program to attain this honor.

Continuing the tradition of State Recognitions, Arkansas was recognized in 2003 for 42 years of service as a Radiation Control Program and 40 years as NRC Agreement State. In 2004 Florida and North Carolina were recognized for 40 years as NRC Agreement States.

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## 2004-2005

Edgar D. Bailey, P.E., CHP, (CA) began his year as Chairperson in Bloomington, Minnesota. While not the first (or last) Certified Health Physicist at the reigns of CRCPD, Ed was certainly the most vocal about the need for inter-organizational cooperation, especially with the HPS. While he mentioned other organizations in his first *Newsbrief* article, it was clear that the HPS was dear to him! He touted the value of closer cooperation and interaction at the grass roots level. We members were encouraged to attend local meetings, to volunteer as speakers at HPS and other organizations' meetings, and to offer to teach portions of their workshops. In fact, CRCPD and the HPS began working to make the HPS 2006 Annual Midyear Topical Meeting in Scottsdale, Arizona, draw CRCPD members with its emphasis on the topics of Medical and University Health Physics.

Chairperson Ed also noted that the organizations and societies that are involved in one way or another in radiation protection and /or usage were concerned about:

- the need for trained and educated professionals and the seemingly diminishing number of people entering the science and technical professions; and
- the need for additional funding and especially training in the area of radiological terrorist preparedness for state and local personnel.

Several additional societies offered to provide training to CRCPD members in addition to those already supporting training at our Annual Meetings.

Early in his tenure as Chairperson, Ed and the Board had to face another search for Executive Director as Ron Fraass resigned to accept a job with one of our partners in radiation protection. Ron left us in November 2004 to become Director of the EPA's National Air and Radiation Environmental Laboratory in Montgomery, Alabama. Although his time as Executive Director was short, Ron was credited for his "can do" attitude and follow through on action items. To assist in the transition between Executive Directors, Chuck Hardin agreed to return on a part-time basis while the Board conducted its recruitment and hiring process.

In just a few months, the Board was able to recruit, interview and hire our third-ever Executive Director. In February 2005, Thomas Kerr reported for duty in Frankfort. Thom came to us from Idaho National Engineering and Environmental Laboratory and was a familiar face from his work in state and federal radiation programs and his participation on a number of CRCPD working groups and committees.

With much thanks, Chuck Hardin once more slipped into retirement!

Another set of thanks for helping smooth the transition between Executive Directors went to Pat Gorman, our Administrative Officer, who delayed her own retirement until April 2005 to help out and provide that always-essential institutional memory.

Several new funding sources developed during the year. This included new funding from NRC, via the cooperative agreement, to provide assistance in the disposition of orphan radioactive material and of radioactive material in danger of imminent loss of control. The other new source of money came from the CDC. The CDC funds were to develop a flow chart and companion documents for responding to a radiological dispersal device and to establish a database on the availability and type of radiological laboratory and sampling services that exist at the state government level.

A new five-year contract was negotiated with the DOE's Consequence Management/Federal Radiological Monitoring and Assessment Center (CM/FRMAC) to provide support from CRCPD. This included participation in CM/FRMAC work groups and scheduled exercises, review of CM/FRMAC documents, plans, procedures and manuals, and updating of the "Contacts for Radiological Assistance" document.

The Strategic Plan, originally approved in May 2000, was reviewed by the Board to fulfill the goal of having such reviews done at least every five years. The Board identified some amendments for member consideration at the upcoming 2005 Annual Meeting. In the meantime, the Board approved the following priorities based on the original Strategic Plan:

- Be proactive in handling new issues – seeking recommendations for improving the emerging issues working group process.
- Develop a mechanism to gather information requested by member states - rejuvenating the state profile document.
- Provide more benefits for CRCPD – increasing the output of useful products such as working group white papers, presentations to other organizations, and opportunities to participate.
- Increase communication among members – increasing Board interaction with the states and annually reviewing methods to sustain and improve Board/member interaction.
- Assure effective management of CRCPD – hiring the new Executive Director and providing oversight and support to ensure an effective transition.
- Assume a leadership role on radiation protection and public policy issues – developing PET/CT regulatory products, providing technical expertise on proposed changes to the Atomic Energy Act, and expanding role in national and international radiation issues.
- Actively liaison with professional organizations and federal agencies – work with federal/state/local agencies to enhance radiation protection and public safety.

As one way to expand our role in international issues, Chairperson Ed attended the December 13-17, 2004, IAEA Symposium on Disposal of Low Activity Radioactive Waste in Cordoba, Spain.

On the more mundane side, Chairperson Ed started "Monthly" Executive Board Teleconference Meetings to help work through the many issues that normally clogged the agenda during the now semi-annual Board meetings. This proved to be very successful.

Indeed, at the end of his term of office, Ed wrote in his last *Newsbrief* that “The whole world seems to be just a little more vibrant and full of life.” Of course, he was basking in the warm sunshine of a California Spring but it did remind him of the year’s successes, which he concluded were too numerous to mention at the time (to be saved for the Annual Meeting!). His pleasant reminiscences included hiring the new Executive Director and the great deal of outstanding work done by the committees, working groups, task forces and liaisons.

The *Newsbrief* began featuring a new section entitled “The Full Story” in October 2004. This section appeared at the very end of the *Newsbrief* and consisted of full reports and detailed articles. Summaries or selected portions of these longer articles were included in the regular pages of the *Newsbrief* as teasers to get us to read the longer report.

The Charles M. Hardin Exemplary Performance Award for 2005 went to Lin Carigan.

The 2005 Annual Meeting was held in Kansas City; whether we were in Missouri or Kansas was never very clear since staff from both states served in the host capacity! Wherever it was, the Night Out featured great mid-western barbecue and corral-side seating for a fun rodeo at the Benjamin Ranch! The meeting itself was a success and for the first time all meeting attendees were provided internet access via the Internet Café. Other “firsts” from this meeting included the ability to provide critiques of the meeting “on line” and all registrants received a complimentary copy of the proceedings on CD.

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## 2005-2006

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

Chairperson Debra McBaugh, CHP (WA)

In her first *Newsbrief* article, Chairperson Debra McBaugh, CHP (WA) announced that one of her first goals would be to strengthen our close partnership with the OAS. She discussed her experience joining with OAS in one-on-one meetings with the NRC Commissioners and staff. Issues of concern included the General License proposed rule, compatibility, material security, the NARM/NORM proposed regulation, and NRC funding of CRCPD. She also joined OAS in meetings with the Domestic Nuclear Detection Office under the Department of Homeland Security, and with EPA.

By the end of the year, Chairperson Debra concluded that her first goal was easy to meet and vitally important at the same time. The signing of the Energy Policy Act of 2005 giving NRC authority over some Naturally Occurring and Accelerator produced Radioactive Materials, increased controls for radioactive material, the national source tracking system, and continuing work on the National Materials Program Pilot Project kept OAS and CRCPD working together closely and often.

Her second goal, announced in her second *Newsbrief*, was to expand and make use of CRCPD's speakers' bureau. This function had been in mothballs for a while and it was time to invigorate it! Debra highlighted the work of HS-5, which under its chairperson, Adela Salame-Alfie, Ph.D., (NY) had developed a pocket-sized brochure and a handbook for first responders. Debra asked for volunteers to present this information on responding to a radiological terrorist event such as a radiological dispersal device. This was also hoped to start building relations with our state's first responders as we used these products in presentations.

In August 2005, Executive Director Thom Kerr (our very own "Mountain Man" and Grizzly bear wrestler – "*Skin that'n, Pilgrim, an' I'll get ye another!*") announced that Ed Lohr would join OED as the Technical Support Officer. Ed was formerly the Kentucky Radon Program Manager. He joined Sue Smith (who had been elevated to Administrative Officer the year before), Terry Devine (our research guru), Lin Carigan (mammography queen and webmaster), Curt Hopkins (radon king), Twila Barnett (fiscal officer), Denese Southgate (accounting clerk), Sharon Bowen (travel agent and keeper of the database), and Bruce Hirschler (keeper of the SSRCR).

Among the changes that occurred this year, OED staff took over booking airline reservations for all CRCPD travel and expected to save around \$10,000 a year! A more modest change came as the Board discontinued use of "t-mail" and began using regular email to conduct its day-to-day business. The Board's midyear meeting was moved to Las Vegas to save money as well. Along with other cost-savings measures, OED trimmed nearly \$20,000 from the annual cost of doing business. These were important steps as the "carry-forward" funds from prior years' budgets were finally exhausted. Funding of CRCPD programs shifted as money from some sources diminished and other sources increased.

The net effect of spending down the carry-forward was about a third less funding than in previous years was available. This forced some cut back in spending in the short term. However, a number of initiatives were in place to identify new opportunities to work with our federal partners and other professional organizations, and to offer revenue-producing training, workshops, and other products/services to better serve our members and customers.

November 6-12, 2005, CRCPD celebrated National Radiation Protection Professionals Week! This weeklong event honors the discovery of X-rays by Wilhelm Conrad Roentgen on November 8, 1895.

In January 2006, the CRCPD jointly sponsored the HPS Midyear Meeting in Scottsdale, Arizona. The topic of the meeting was chosen to make best use of CRCPD's knowledge and

experience – university, medical and laboratory health physics. CRCPD was well represented by Chairperson Debra along with other past and present Board members, and members. Chairperson Debra gave a paper all about how our SSRCR cover all aspects of radiation protection and control, from radioactive materials (whether Atomic Energy Act or naturally occurring or accelerator produced) to x-rays and non-ionizing radiation. In addition, our members staffed the CRCPD exhibit and drew in many visitors, encouraging a few to become members as well.

CRCPD's web site was updated with a "tool box" containing policy and process documents to help anyone working on new or revised SSRCR. During this year, Part S (Requirements for Financial Assurance), Part Q (Licensing and Radiation Safety Requirements for Irradiators), and Part X (Therapeutic Radiation Machines) were finalized and received concurrence from each of the federal agencies involved in the SSRCR process. Part C (Licensing of Radioactive Materials) was reviewed and sent out for comments by peer reviewers.

Chairperson Debra was elected to the NCRP to serve a six-year term on this prestigious organization. Debra joins Jill Lipoti (NJ) on the NCRP.

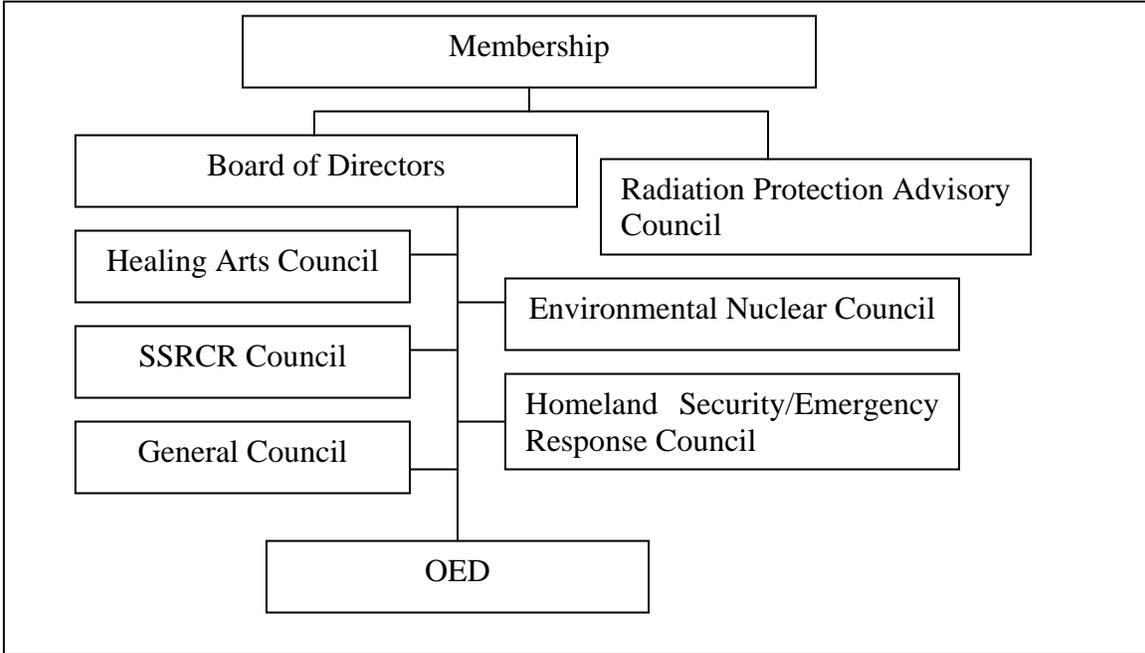
One of the efforts underway at the end of the year was exploring the possibility of purchasing a building for CRCPD's Executive Offices. The OED has been housed in the same location for a number of years and we needed to consider that rent could be increased or the building sold out from under us. While neither of these was threatened, it just made sense to look at owning our own building and convert our rent into building equity. This concept would be a major item on the business meeting at the Detroit Annual Meeting.

Speaking of Detroit, what would be more suitable to the "Motor City" than having the Night Out at the Henry Ford Museum? After a fine meal we had several hours to explore the museum with its displays on many, many things besides cars!

The Charles M. Hardin Exemplary Performance Awards for 2006 went to Sue Smith and Twila Barnett for their outstanding support during the year.

A new training opportunity during the Annual Meeting was a course on Physical Security and Assessment sponsored by the DOE's National Nuclear Security Administration. About half the Director Members were funded to attend this training with the remainder scheduled to attend an identical training course at the National Radon Conference in September 2006.

**The CRCPD Organizational Chart 2006**



\*\*\*\*\*

**2006-2007**

*“Ask not what CRCPD can do for you, but what you can do for CRCPD.”*

Pearce O’Kelley, Chairperson, 2006-2007

Pearce O’Kelley (SC) began his year in office commending the more than 400 CRCPD members serving on 75 different working groups, committees, or in liaison roles. However, he noted that the need for volunteers remains great because of additional requests that come in as CRCPD’s reputation for producing quality products reaches new groups! In the June 2006 *Newsbrief* Pearce acknowledged several reasons why many may be reluctant to volunteer but went on to identify why volunteering (or encouraging your staff to volunteer) is to your benefit!

- First, it helps assure that your state’s interests and concerns are heard and considered when national policy, standards and requirements are being formulated. Our input ensures that real-world, in-the-field experience is brought to the table and foreseeable obstacles are dealt with ahead of time.

- Second, the opportunity for staff development is priceless. The knowledge and experience that one can attain from interacting with radiation control personnel from all over the country are invaluable to both the volunteer's state and to the individual. Lessons learned can be applied at home to improve efficiency and effectiveness.
- Plus, the network of professionals that a volunteer acquires will come in handy when problems arise! Finally, being in a position to make a difference is a great morale boost! So volunteer!

In fact, new opportunities came soon as the Organization for Economic Cooperation and Development's Nuclear Energy Agency (an international organization of industrialized countries, based in Paris, France) asked CRCPD to participate in "A Public Stakeholder Dialogue on the Draft 2006 ICRP Proposals" in August 2006. In addition, CRCPD was asked to participate in a National Academy of Sciences task force to consider the technical and economic feasibility of replacing currently used sources of radiation with either non-radioactive alternatives or different radioactive sources with lower risk to public health and safety.

Another new activity for CRCPD was implementation of DOE's Source Collection and Threat Reduction Program (SCATR). SCATR is a new program at the federal level (which complements CRCPD's Orphan Source Program funded by NRC) to help licensees get rid of unwanted radioactive sources that are smaller activity than those collected under the DOE's off-site recovery project. CRCPD, through a five year cooperative agreement, will provide outreach to state radiation control programs, help identify and register sites with unwanted sources, set criteria and priorities for collection, and work toward proper disposal of all unwanted sources.

In the August 2006 *Newsbrief*, Pearce announced that Thom Kerr, our Executive Director, had decided to resign and pursue new opportunities. Although Thom served us for only about a year and a half, he did accomplish a number of things for us. These included:

- restoring some previously denied umbrella grant funds;
- obtaining additional funding from DOE;
- getting the Radiological Dispersal Device pocket guide and handbook published; and
- taking major steps toward getting the OED computer system upgraded.

Once again, Chuck Hardin agreed to step in on a part-time basis as interim Executive Director. Chuck faced some significant challenges as he returned this SECOND time from retirement and his dedication to CRCPD and to the OED staff was greatly appreciated.

Along with bringing Chuck back, the Board also created an Ad Hoc Advisory Committee on the Future Direction of the OED, Mike Mobley (TN), Chair, to evaluate options for the management of the CRCPD's operations. To help ensure stability and longevity in both the Executive Director position and the office, the Ad Hoc Committee was asked to consider options such as relocating the OED, contracting with an association management firm, and leaving well-enough alone.

In the December 2006 *Newsbrief*, Pearce announced that Ruth McBurney had been selected as the new Executive Director. Ruth brings a wealth of knowledge and experience to the organization. Not only has she had hands-on state Radiation Control Program experience (having worked for both the Arkansas and Texas programs) but also she has served CRCPD in many roles including Chairperson (1995-1996), Treasurer (1989-1992), as well as being a member or chair of various committees and task forces. In addition, she received the Gerald S. Parker Award in 1994 and has been both nationally and internationally recognized for her work in radiation protection. She also brings considerable experience working with the HPS, having served as its President (2005-2006) and serving on the American Board of Health Physics (1990-1994).

In a departure from previous practice, she is the first Executive Director not to be located in Frankfort! Ruth lives in Austin, Texas, and visits Frankfort monthly as well as travels elsewhere as needed. To take care of day-to-day operational duties, Sue Smith was assigned to be the Executive Office Manager.

One of the major accomplishments of the year was the publication of the long-awaited CRCPD *Handbook for Responding to a Radiological Dispersal Device First Responder's Guide-The First 12 Hours* (the RDD Handbook). This was the work of the HS-5 Task Force, which became known as the HS/ER-2 Task Force when the Homeland Security Council was renamed Homeland Security/Emergency Response to be more consistent with its mission. Under its chairperson, Adela Salame-Alfie, Ph.D., (NY), HS/ER-2 spent considerable time making presentations and working with other organizations to gain wide acceptance of this valuable resource.

The Committee on Unwanted Radioactive Material (E-34), Chairperson Joe Klinger (IL), resolved the indemnification issue that had prevented many states from entering into a contract with CRCPD to participate in the National Radioactive Material Disposition Program (a.k.a., the Orphan Source Program).

The Licensing State Designation Program took an interesting turn this year. In January 2007, the Committee on Licensing State Designation (G-20), Terry Frazee (WA), Chair, completed its review of the Maine application and recommended that Maine be designated as a Licensing State, which the Board did. Later, at the Annual Meeting in Spokane, the Committee evaluated the effect of the Energy Policy Act of 2005 and concluded that the Licensing State Designation Program was no longer warranted. The Board agreed and the Licensing State concept was phased out.

In its continuing process of honoring state radiation control programs, CRCPD recognized Louisiana in May 2007 for its 42 years of providing outstanding radiation safety programs for the protection of its citizens and for its 40 years as an Agreement State.

This year saw considerable effort on the part of NRC to implement the Energy Policy Act of 2005. This law affected both Agreement and non-Agreement States and thus is of vital interest to CRCPD. Special interest meetings were scheduled for the Annual Meeting in Spokane.

The 2007 Annual Meeting, held in Spokane, WA, once again featured a Members Forum that allowed members to share views on membership issues and the future direction and activities of CRCPD. In addition, a separate Members Survey was conducted and shared with business meeting attendees at the end of the Annual Meeting. The survey and forum covered ways to encourage new membership and to encourage members to volunteer for working groups, and identified areas of importance to members. The areas that were prevalent as important over the coming five years included:

- increased training opportunities;
- more timely and useful SSRCR that addressed emerging technologies and radiation protection issues;
- an annual report on major radiation issues that could be provided as information to Congress, state legislators, governors, and agency administrations;
- source security;
- a dedicated email forum for machine radiation regulatory issues; and
- better communication tools.

Board priorities for 2006 and 2007 appear on page 46.

The Annual Meeting in Spokane was the first one in memory where we weren't bused to the Night Out venue. Instead, we walked a few hundred yards from our convention hotel to an island in the Spokane River and were entertained by the Montana Logging and Ballet Company! A tasty barbecue accompanied the minstrels as they entertained us. Thus ended another year in the history of the CRCPD!

## 2006-2007 Board Priorities

### *Increase Communication with Members*

- Increase the Board's interaction with the States through direct contact.
- Annually review methods/procedures that sustain and improve Board/Membership interaction.
- Increase membership and participation on working groups/task forces, etc.

### *Determine Members Needs*

- Determine what CRCPD can provide members to help them better perform their radiation control responsibilities to include any issues not currently being addressed.
- Develop and request through member surveys the needs of the membership.

### *Provide More Benefits for CRCPD Members*

Expand the number and types of useful products such as:

- Working group/task force white papers;
- Handbooks;
- Inspection Procedures;
- Suggested State Regulations; and
- Outreach material that can be used for professional presentations by liaisons and members to other organizations and for developing opportunities for increased participation.

### *Develop a Mechanism to Gather Information Requested by Member States*

Complete and publish state radiation control programs' profile.

### *Assure Effective Management of CRCPD*

- Provide oversight, support and guidance to the Executive Director to ensure an effective and dynamic management structure.
- Provide fiscally responsible management oversight to assure CRCPD is proactive on existing and emerging issues.
- Explore and obtain new funding sources as well as opportunities to market our products.
- *Be proactive in handling new issues.*
- Seek recommendations for creating new working group products.

### *Assume a Leadership Role on Radiation Protection and Public Policy Issues*

- Develop Dual Modality Regulatory Products.
- Monitor Homeland Security issues.
- Be proactive/timely in developing position statements.
- Continue leadership in national & international radiation issues.
- Develop Digital Regulatory Products.

### *Actively Liaison with Professional Organizations and Federal Agencies*

- Work with federal/state/local/international agencies to enhance the visibility of radiation control programs and their role in protecting the public during routine and emergency situations involving nuclear/ radiological materials.
- Develop partnership with the Department of Homeland Security and Domestic Nuclear Detection Office (DNDO).
- Explore opportunities to interface with other organizations and agencies interested in radiation protection issues.

## FOOD FOR THOUGHT

*“Even if you’re on the right track, you’ll get run over if you just sit there.”  
“You’ve got to go out on a limb sometimes, because that’s where the fruit is.”*

Will Rogers

Will Rogers could have been writing about CRCPD during its continuing saga from 1993 to 2007 because his thoughts characterize the period of time and the activities of CRCPD’s members and leaders.

These fast-paced years marked a time when national radiation issues progressed in varying directions and with new emphasis going beyond the traditional health and safety concerns and on to homeland security and public worries about naturally occurring radioactive materials and nonionizing radiation. As federal, state and international agencies and groups rushed to respond to new inquiries and demands, even if we were on the right track rushing with them, we could have easily gotten run over with the various approaches and scientific interpretations that were being voiced! CRCPD responded, determined to be a leader and more proactive and innovative in developing SSRCR for emerging technologies and circumstances. Committees came and went and products were published and distributed—to states and other agencies, to first responders, and to the public.

In order to achieve a more uniform approach and standard for radiation protection, CRCPD further developed its intergovernmental relations, participating with NRC in a National Materials Program project, becoming more and better aligned with the OAS, and playing a greater role in the noteworthy radiation organizations such as IAEA, NCRP and others. The direction of the leadership and the efforts of the membership kept CRCPD staying on track and running ahead instead of trying to catch up.

As an organization, CRCPD evolved with increased membership, larger numbers of voting members, streamlined processes and ever-increasing demands and goals. Institutional strategies, goals, plans and objectives resulted from decisions of our leadership and input of members as the mission of CRCPD evolved. With the continuity provided by the loyal Chuck Hardin and Pat Gorman throughout those years, the organization’s executive director position changed hands a few times, with each leader bringing new talents and leaving additional accomplishments behind. Facing challenges of funding and time constraints, CRCPD can attest that Will Rogers’ advice is good. Don’t sit on the tracks, keeping moving and tackle new pursuits. And Will was right. Out on a limb is where the fruit is.

*CRCPD: The Continuing Saga 1993-2007*, chronicles history--of the times, of radiation protection and of the organization itself. Concurrently and in parallel, these issues progressed successfully—as did CRCPD. Ever responsive, CRCPD heads into the next era with new leadership and new challenges. A look at the past makes us believe that future demands will be met every bit as well—by moving ahead on the right track and sometimes even going out on a limb!

## APPENDIX A. GERALD S. PARKER AWARD RECIPIENTS

The highest award of recognition bestowed on an individual is the Gerald S. Parker Award of Merit. The criteria for receiving this award is that the significant contribution made must be:

- a unique and valuable method of approach, providing the ability to implement a better program of radiation protection;
- the discovery, evaluation and/or recommendation for control of a potential source of radiation not previously dealt with, in a new, unique and/or more effective way; or
- an outstanding individual, committee, or task force effort that results in a major contribution to radiological health and has a positive effect on or for CRCPD.

1984 E. Frank Wilson  
1985 James W. Miller, D.D.S.  
1986 Thomas M. Gerusky  
1987 Albert J. Hazle  
1988 David K. Lacker  
1989 B. Jim Porter  
1990 John C. Vilforth  
1991 Eddie S. Fuente  
1992 Heyward G. Shealy  
1993 Charles M. Hardin  
1994 Ruth E. McBurney, CHP  
1995 Aubrey V. Godwin, CHP  
1996 Michael H. Mobley  
1997 Diane Tefft  
1998 Ray D. Paris  
1999 Thomas E. Hill  
2000 Jill Lipoti, Ph.D.  
2001 Donald A. Flater  
2002 Steven C. Collins  
2003 Greta Joy Dicus  
2004 Roland G. Fletcher  
2005 Cynthia C. Cardwell  
2006 Paul J. Merges, Ph.D.  
2007 Edgar D. Bailey, CHP

## APPENDIX B. JAMES W. MILLER AWARD RECIPIENTS

The second highest award is the James W. Miller Award. This award can be presented to a single individual who is a CRCPD member, ideally an associate member with 10 or less years of service with a radiation control agency, who has made significant contribution in a specific area of radiological health, i.e., mammography, radioactive materials, emergency response, etc.

1994 Kathleen Kaufman  
1995 Linda Plusquellic  
1996 G. Wayne Kerr  
1997 Cynthia Cardwell  
1998 Bernard R. Beville  
1999 Joseph G. Klinger  
2000 Thomas Cardwell  
2001 Karl David Walter  
2002 Jan Endahl  
2003 John Winston  
2004 Debra McBaugh, CHP  
2005 Mary Ann Spohrer  
2006 Cheryl Rogers  
2007 Cindy Becker

## APPENDIX C. LIST OF CRCPD OFFICERS

This listing follows the pattern set in *CRCPD: The First Twenty-five Years* in that the Annual Meeting kicks off the year (rather than culminates it) and the incoming officers are those installed at the end of the meeting at the location indicated.

| Position          | 38 <sup>th</sup> Meeting 2006-2007<br>Detroit, Michigan | 37 <sup>th</sup> Meeting 2005-2006<br>Kansas City, Missouri |
|-------------------|---|---|
| Chairperson       | P. O'Kelley (SC)  | D. McBaugh (WA)   |
| Chairperson-Elect | D. Gilley (FL)  | P. O'Kelley (SC)  |
| Past Chairperson  | D. McBaugh (WA)   | E. Bailey (CA)  |
| Treasurer         | J. Winston (PA)   | J. Winston (PA)   |
| Member-at-Large   | T. Cardwell (TX)  | T. Cardwell (TX)  |
| Member-at-Large   | J. Hyland (ME)  | J. Hyland (ME)  |
| Member-at-Large   | J. McNees (AL)  | K. McAllister (MA)  |

| Position          | 36 <sup>th</sup> Meeting 2004-2005<br>Bloomington, Minnesota | 35 <sup>th</sup> Meeting 2003-2004<br>Anaheim, California |
|-------------------|--|---|
| Chairperson       | E. Bailey (CA)   | R. Ratliff (TX)   |
| Chairperson-Elect | D. McBaugh (WA)  | E. Bailey (CA)  |
| Past Chairperson  | R. Ratliff (TX)  | C. Cardwell (TX)  |
| Treasurer         | J. Winston (PA)  | T. Frazee (WA)  |
| Member-at-Large   | D. Gilley (FL)   | D. Gilley (FL)  |
| Member-at-Large   | J. Hyland (ME)   | J. Hyland (ME)  |
| Member-at-Large   | K. McAllister (MA)   | K. McAllister (MA)  |

**APPENDIX C. LIST OF CRCPD OFFICERS – Cont’d.**

| Position          | 34 <sup>th</sup> Meeting 2002-2003<br>Madison, Wisconsin | 33 <sup>rd</sup> Meeting 2001-2002<br>Anchorage, Alaska |
|-------------------|--|---|
| Chairperson       | C. Cardwell (TX)   | P. Merges (NY)  |
| Chairperson-Elect | R. Ratliff (TX)  | C. Cardwell (TX)  |
| Past Chairperson  | P. Merges (NY)   | P. Schmidt (WI)   |
| Treasurer         | T. Frazee (WA)   | T. Frazee (WA)  |
| Member-at-Large   | D. Gilley (FL)   | J. Schmitt (NE)   |
| Member-at-Large   | J. Schmitt <sup>a</sup> (NE)                             | R. Fraass (KS)  |
| Member-at-Large   | R. Takata (HI)   | R. Takata (HI)  |

<sup>a</sup> Julia Schmitt appointed when Ron Fraass was hired as Executive Director

| Position          | 32 <sup>nd</sup> Meeting 2000-2001<br>Tampa, Florida | 31 <sup>st</sup> Meeting 1999-2000<br>Louisville, Kentucky |
|-------------------|--|--|
| Chairperson       | P. Schmidt (WI)                                      | R. Hallisey (MA)   |
| Chairperson-Elect | P. Merges (NY)                                       | P Schmidt (WI)   |
| Past Chairperson  | R. Hallisey (MA)                                     | S. Collins (IL)  |
| Treasurer         | J. McNees (AL)                                       | J. McNees (AL)   |
| Member-at-Large   | J. Schmitt (NE)                                      | J. Schmitt (NE)  |
| Member-at-Large   | G. Robertson (WA)                                    | G. Robertson (WA)  |
| Member-at-Large   | R. Takata (HI)                                       | C. Cardwell (TX)   |

**APPENDIX C. LIST OF CRCPD OFFICERS – Cont’d.**

| Position          | 30 <sup>th</sup> Meeting 1998-1999<br>Mesa, Arizona | 29 <sup>th</sup> Meeting 1997-1998<br>Tacoma, Washington |
|-------------------|---|--|
| Chairperson       | S. Collins (IL)                                     | J. Lipoti (NJ)   |
| Chairperson-Elect | R. Hallisey (MA)                                    | S. Collins (IL)  |
| Past Chairperson  | J. Lipoti (NJ)                                      | W. Dornsife (PA)<br>R. McBurney <sup>b</sup> (TX)        |
| Treasurer         | J. McNees (AL)                                      | T. Hill (GA)   |
| Member-at-Large   | K. Kaufman (CA)                                     | K. Kaufman (CA)  |
| Member-at-Large   | G. Robertson (WA)                                   | J. Hart (MN)   |
| Member-at-Large   | C. Cardwell (TX)                                    | C. Cardwell (TX)   |

<sup>b</sup>Ruth McBurney (TX) appointed as Past Chairperson by Jill Lipoti due to W. Dornsife resigning.

| Position          | 28 <sup>th</sup> Meeting 1996-199<br>Albuquerque, New Mexico | 27 <sup>th</sup> Meeting 1995-1996<br>San Antonio, Texas |
|-------------------|--|--|
| Chairperson       | W. Dornsife (PA)   | R. McBurney (TX)   |
| Chairperson-Elect | J. Lipoti (NJ)   | W. Dornsife (PA)   |
| Past Chairperson  | R. McBurney (TX)   | R. Fletcher (MD)   |
| Treasurer         | T. Hill (GA)   | T. Hill (GA)   |
| Member-at-Large   | K. Kaufman (CA)  | K. Whatley (AL)  |
| Member-at-Large   | J. Hart (MN)   | J. Hart (MN)   |
| Member-at-Large   | G. McNutt (MO)   | G. McNutt (MO)   |

**APPENDIX C. LIST OF CRCPD OFFICERS – Cont’d.**

| Position          | 26 <sup>th</sup> Meeting 1994-1995<br>Williamsburg, Virginia | 25 <sup>th</sup> Meeting 1993-1994<br>San Francisco, California |
|-------------------|--|---|
| Chairperson       | R. Fletcher (MD)   | D. Flater (IA)  |
| Chairperson-Elect | R. McBurney (TX)   | G. Dicus <sup>c</sup> (AR)<br>R. Fletcher (MD)                  |
| Past Chairperson  | D. Flater (IA)   | A. Godwin (AZ)  |
| Treasurer         | R. Paris (OR)  | R. Paris (OR)   |
| Member-at-Large   | K. Whatley (AL)  | K. Whatley (AL)   |
| Member-at-Large   | J. Lipoti (NJ)   | J. Lipoti (NJ)  |
| Member-at-Large   | G. McNutt (MO)   | W. Jacobi (CO)  |

<sup>c</sup>Greta Dicus resigned prior to beginning term of office – replaced by Roland Fletcher, the other nominee for the office of Chairperson-Elect.

**APPENDIX D: HISTORY OF THE *NEWSBRIEF* IN BRIEF!**

**CRCPD *Newsbriefs***

|                              |  |
|------------------------------|--|
| November 1970                | CRCPD began a quarterly mailing to members (the “Newsletter”).   |
| January 1991                 | The <i>Newsbrief</i> appears as a monthly publication.   |
| February 1991                | First use of color in the banner and major headings; printed on recycled paper.  |
| December 1991                | QA Collectibles first appear as <i>Newsbrief</i> inserts.  |
| January 1992                 | “Who’s Who at OED” first appears; cycle completed November 1992.   |
| May 1992                     | No issue this month or future months of May; Annual Meetings inform members.   |
| December 1992                | “Who’s Who at CRCPD” begins alphabetically by state.   |
| February 1993                | “Where are they now?” first appears, highlighting former members.  |
| April 1993                   | Shortest printed <i>Newsbrief</i> to date at four pages! (half the normal size).   |
| June 1993                    | More than a dozen photos, an all-time high for the printed issues.   |
| September 1993               | Another four page issue.   |
| January 1994                 | Not issued due to snow storm & water pipes breaking at OED.  |
| July 1994 –<br>November 1995 | Paid advertisements appeared in <i>Newsbrief</i> .   |
| February 1996                | First of bimonthly issues.   |
| April 1998                   | The cartoon “Speed Bump” appears (three of them!).   |
| June 1999 –<br>August 1999   | First combined issue; 28 pages.  |
| December 1999                | The longest printed regular issue; 28 pages.   |
| June 2001-<br>February 2004  | The adventures of “Frankfort ‘Fil” appear; the world’s only Radiation Forecasting Groundhog.   |
| August 2001                  | Switch to electronic version of <i>Newsbrief</i> ; “Desperado of the Month,” a baby picture of one of the board members began appearing. |
| February 2002                | “Past Board Members” debuts.   |
| June 2002                    | The longest electronic issue; 62 pages.  |
| August 2002                  | Second round of “Who’s Who at OED” begins; completed December 2003.  |
| March 2003                   | Special Edition - Election of Officers, S-5 Recommendations, 2025 Report.  |
| July 2003 &<br>July 2004     | Supplements – Working Group Reports.   |
| October 2004                 | “And Now For The Full Story” first appears; expanded coverage of reports.  |
| June 2006                    | The most photos in an electronic issue!  |
| October 2006                 | The shortest electronic issue at seven pages!  |