



Conference of Radiation Control Program Directors, Inc.

NEWSBRIEF

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A Partnership Dedicated to Radiation Protection

June 2010

Message from Chairperson Michael Gilley



Dear Members:

Yes, summer has found us once again. It comes this year at a moment in time when there are many changes on the horizon. Not Deep Horizon's oil washing up on many Gulf of Mexico beaches, not flooding in the Midwest, or another week of snow days for our national government, but changes to our programs that demand time and resources that are just not readily available in our current economic environment.

We can look back to the events of 9-11 (security), fundamental changes in radiation protection policy (ICRP 103 and the revision of the IAEA's Basic Safety Standards), the natural evolution of our programs pushing the need for updated editions (NUREG-1556), and the need to become

electronically integrated (web-based licensing and national source tracking) to clearly see the genesis of the need to change. Often, we sit and daydream about where we will find the resources to accomplish these many tasks.

Additionally, we question whether they deserve a place of higher priority over the many other deserving health and safety programs in which state radiation protection programs currently participate. Wake up, don't fret; it's summertime. Don't forget, it is the time for recharge, the time to enjoy the great outdoors, and the time to spend leisurely days and weekends with family.

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Summer is also a term for a central floor support member and the cross-member between columns and posts. Our programs are the summers between the posts of upcoming changes. We are key players in assuring that each change is developed and placed in ways that we can support and link easily with current activities without undue burdens and will

Chairperson's Message *[Continued]*

last with limited future repair. This summer, the summer of 2010, is the time to redouble our efforts to stay engaged with our partners, continue our positive dialogue, provide assistance and guidance on program evolution and change, and focus to assure these developments meet the needs while accommodating the boundaries of all partners.

Have a great summer, smooth sailing, and don't forget the sunscreen.



Greetings from Your Executive Director



Ruth E. McBurney, CHP

This month, the *Newsbrief* is coming rapidly on the heels of the May edition, since everyone was involved in the Annual Conference in April. The Office of Executive Director has been extremely busy during May and June in filing grant reports and applications, finalizing the annual audit, and preparing for exhibits at other professional society meetings, so this month's report consists of little snippets of information from the past month.

The following are some of the things going on—brief news, to turn a phrase—at OED and within the CRCPD:

- Since the loss of Terry Devine, our long-term Technical Assistant, former Executive Director Chuck Hardin has agreed to assist on an interim basis until the position can be filled. For any questions or issues regarding the Source Collection and Threat Reduction (SCATR) Program or orphan sources, you can contact Chuck at 502-227-4543, ext. 2223; he was here in June and will be here all of July. I really appreciate Chuck's willingness to once again come out of retirement to help out CRCPD. The position has been posted, and applications will be accepted until July 1, 2010. In addition, Jeggan Cole from the OED staff has agreed to assist with the DOT exemption process.
- The SCATR program is focusing on roundups of radium (for which there is a disposal path), and other sources in states that are part of a Compact that has a waste disposal option.
- The Radiation Response Volunteer pilot program is progressing well in the state and local agencies that have sub-contracted with CRCPD to recruit and train radiation professionals. CRCPD is being given an opportunity to assist states in developing a corps of trained radiation professionals for a second round next year. I will be sending out more information on this availability as it progresses.

Greetings from Your Executive Director

[Continued]

- This year's financial audit has been completed. I am pleased to report that CRCPD's audit findings were good.
- Several activities have occurred regarding efforts to address medical therapy events. Adela Salame-Alfie represented CRCPD at the Food and Drug Administration's public meeting: Device Improvements to Reduce the Number of Under-doses, Over-doses, and Misaligned Exposures from Therapeutic Radiation. Also, the H-38 Committee on Non-Radioactive Material Medical Events Tracking will be meeting in Miami, Florida, in conjunction with "Safety in Radiation Therapy," a meeting sponsored by the American Society for Radiation Oncology and the American Association of Physicists in Medicine. Jennifer Elee and Debbie Gilley from CRCPD will be speaking at the conference.
- Board members Michael Gilley (chair), Adela Salame-Alfie (past-chair) and Alice Rogers (chair-elect) and I plan to meet with several of our federal partners in August, during the week of the OAS/CRCPD briefing of the Nuclear Regulatory Commission.
- The new edition of "Accreditation Criteria for Calibration Criteria" has been completed and is available for download on the CRCPD website.

As you can see, it's starting out to be a busy summer. As in the past, please let us know how CRCPD can assist your program (resource links, suggested regulations, guidance documents, inspection procedures, training, etc.). I hope your summer is happy and productive!



State X-ray Survey Results

By Mike Odlaug
(Washington Office of
Radiation Protection)

The Washington State X-ray control program has been working to address the lack of a requirement in our X-ray rules for facilities to report patient over-exposures and incidents arising from machine-produced radiation. This would be a logical parallel to the Agreement State compatibility requirement for isotope-users to report mis-administrations. Everyone is aware of the nationwide news coverage of wrong dose, wrong patient, wrong site in accelerator therapy and extremely high exposures from CT exams. There was no way for us to investigate incidents we didn't know about, or to create a "lessons learned" moment for other facilities.

As we considered possible changes in the state laws and rule to take care of this, we put another issue on the table too—

State X-ray Survey Results *[Continued]*

radiographic patient exposure limits. Our X-ray inspections have routinely revealed very high exposures to patients undergoing simple chiropractic and hospital/clinic-based exams, especially with CR, and still with film-users. We re-examined our own law (RCW 70.98), which states: “Nothing in this chapter shall be construed to limit the kind or amount of radiation that may be intentionally applied to a person for diagnostic or therapeutic purposes by or under the immediate direction of a licensed practitioner of the healing arts acting within the scope of his professional license.”

This language came, of course, years ago from model radiation laws that most states also have on their books, but it is archaic and just plain wrong. It has been interpreted to mean that we shall not “interfere with the practice of medicine,” and I agree we should not dictate to a licensed practitioner the image quality they need or want, but I think we need to draw the line at how much radiation they use. It makes no sense for a patient to get 1000 mR for an AP lumbar spine radiograph, because the practitioner or facility probably has no idea what the exposure was, and therefore they cannot insist that that exposure was required for the resultant image quality.

To gain some leverage in our request to change the law, I wanted to know how many other states did have exposure limits already in place, and how many had rules that required incidents from machine-produced radiation therapy or diagnostic exams be reported to the agency. I sent out emails to the states and threw in another question on whether or not they required X-ray assemblers to register, since that was another issue we were looking at. I assembled the results of the survey into an Excel table so we can sort by states, or “Yesses” or “Noses.” I’ll be glad to provide this information to you—I thought it might be interesting for all states to see and use. Perhaps we can expand the questions and create what amounts to the old CRCPD State Profile, so we can see which states and how many have X-ray fees, QA requirements, non-state inspectors, what the inspection frequency is, etc!!!



CRCPD Working Group Activities



H-7 Committee Report

By Robert Scott, Chairperson (WA)

The H-7 Committee on Quality Assurance in Diagnostic X-ray met the afternoon of April 14 and all day April 15, 2010. Besides myself, all committee members (Asish Banerjee, Bill Balke, and Jennifer Elee), and Mike Divine, resource person from CDRH, were present. Our primary focus was reviewing comments received from peer reviewers, and making final revisions to the new QA Collectible “Hand-Held Dental X-ray Units.” This was accomplished, and the document will be forwarded to Lin for final formatting, etc.

We then discussed several ideas for new collectibles. We started drafting Methods to Reduce Patient Exposure in Digital Imaging. The existing collectible on this topic will be kept with a title change to show it applies to analog imaging. Asish will produce the initial draft of this new document. We will hold a conference call this summer to discuss this draft and start on the next document.



COUNCIL REPORTS

August 1, 2009 – February 28, 2010

Environmental Nuclear Council (ENC)

Michael Gilley (FL), Chairperson

ENC-EI – Environmental Nuclear Council – Emerging Issues

Patricia Gardner (NJ), Chairperson

- No activities to report.

E-5 Committee on Radioactive Waste Management

Sean Murphy (WA), Chairperson

- E-5 provided comments to NRC regarding blending.

E-23 Committee on Resource Recovery and Radioactivity

Michael Whalen (MA), Chairperson

- No activities to report.

E-24 Committee on Decontamination and Decommissioning

Dwight Shearer (PA), Chairperson

- No activities to report.

**CRCPD Working Group
Activities** *[Continued]***E-25 Committee on Radon**

William Bell (MA), Chairperson

- The 19th National Radon Training Conference was held in St. Louis, Missouri, September 23-26, 2009.
- The E-25 committee initiated the blind testing of a radon testing device.
- The E-25 committee provided input to proposed reenactment of national radon legislation.
- The E-25 committee reviewed nominations for the 2010 Radon Hero Award.

E-31 Liaison – Association of State and Territorial Solid Waste Management Officials

Vacant

- No activities reported.

E-34 Committee on Unwanted Radioactive Materials

Debbie Gilley (FL), Chairperson

- Began preliminary planning for a working group meeting to be held in March 2010.
- E-34 chairperson attended the RadWaste Forum meeting and provided a presentation on the lack of disposal options for unwanted sources in September 2009.
- E-34 committee continues to explore opportunities for disposal or safe and secure storage of unwanted material in 36 states without access to a disposal site.

E-35 Coordinator – Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)

Jenny Goodman (NJ), Coordinator

- Pilot MARSAME training was held March 16-18, 2010, in Hamilton, New Jersey.

E-37 Committee on Naval Nuclear Propulsion

Robert Greger (CA), Chairperson

- E-37 drafted a position paper for the U.S. Navy for nuclear powered U.S. naval vessels.

E-38 Task Force on Power Reactor Changes

Richard Pinney (NJ), Chairperson

- No activities reported.
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**CRCPD Working Group
Activities** *[Continued]*

**E-39 Coordinator – Multi-Agency Radiological Laboratory
Analytical Protocols (MARLAP)**

John Volpe (KY), Coordinator

- No activities reported.

**E-40 Liaison – Institute of Scrap Recycling Industries, Inc.
(ISRI)**

Beverly Hall (NC), Liaison

- No report received.

E-41 Task Force on Radioactivity in Building Materials

Michael Gilley (FL), Chairperson

- E-41 is waiting on U.S. EPA contractor findings on granite building products before proceeding with charge #2.

General Council

Jennifer Elee (LA), Chairperson

GC-EI – Emerging Issues

Jared Thompson (AR), Chairperson

- No report received.

G-2 Committee on Ionizing Measurements

Don Parry (MI), Chairperson

- G-2 committee successfully completed lab intercomparisons using Cs-137 beams.
- G-2 committee has scheduled lab x-ray beam intercomparisons for May 2010.

G-34 Committee on Industrial Radiography

David Turberville (AL), Chairperson

- G-34 committee reviewed California's application to become a certifying state for industrial radiographers via conference call.
- G-34 continues to work on developing procedures/amending drafts through conference calls regarding review of a radiographer certification program.

**G-36 Liaison – Health Physics Society/Academy Board of
Health Physics**

Earl Fordham (WA), Liaison

- No report received.

**CRCPD Working Group
Activities** *[Continued]***G-50 Liaison – National Council on Radiation Protection (NCRP)**

David Allard, CHP (PA), Liaison

- No report received.

G-53 Committee on Public Information for Radiation Protection

Margie Wanchick (OH), Chairperson

- No activities reported for this period.

G-55 Training Committee

Cindy Becker (FL), Chairperson

- No report submitted.

G-58 Task Force for the Criteria for an Adequate Radiation Control Program

Roland Fletcher (MD), Chairperson

- No activity reported.

Healing Arts Council (HAC)

Mary Ann Spohrer (IL), Chairperson

HAC-EI Emerging Issues

Jennifer Elee (LA), Chairperson

- HAC-EI met via conference call September 2009.
- HAC-EI committee sent recommendations to appropriate Healing Arts Council working groups on the issues discussed (CT issues, skeletal dosimetry issues, and hand-held x-ray issues.)

H-4 Committee on Nationwide Evaluation of X-Ray Trends (NEXT)

Warren Freier (ND), Chairperson

- H-4 members made follow-up contact with the Cardiac Cath surveyors.

H-7 Committee on Quality Assurance in Diagnostic X-Ray

Robert Scott (PA), Chairperson

- H-7 met via conference January 2010 to finalize first draft of QA Collectible on hand-held dental x-ray units.
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CRCPD Working Group Activities *[Continued]*

H-11 Committee on Mammography

Beverly Jo Carswell (AL), Chairperson

- H-11 planned the 2010 Mammography Training that is scheduled in conjunction with the 42nd National Conference on Radiation Control in Newport, Rhode Island.

H-13 Committee/Liaison – American Society of Radiologic Technologists (ASRT)/American Registry of Radiologic Technologists (ARRT)

Al Orlandi (NJ), Chairperson/Liaison

- H-13 chair/liaison continues to monitor the CARE Bills and the activities of the ASRT, ARRT and the Alliance for Quality Medical Imaging and Radiation Therapy.
- H-13 chair/liaison attended the Alliance Meeting on October 25-27, 2009 and provided a *Newsbrief* article for the December 2009 edition.
- H-13 chair/liaison provided assistance to Alaska, Connecticut, and Maryland related to licensure/qualifications of x-ray equipment operators.
- H-13 chair/liaison provided comments to ARRT and the Joint Review Committee on Education in Radiologic Technology on various issues related to their individual tasks.

H-15 Liaison – American Association of Physicists in Medicine (AAPM)

Debbie Gilley (FL), Liaison

- Liaison continues to support CRCPD in AAPM activities, including participating in the GRAC committee, licensure committee, and emergency response committee meetings.
- Liaison participated in discussions on the ITRA upcoming meeting in May, the CT Dose Summit and the Radiation Therapy Summit in June. CRCPD is a co-sponsor of both the CT Summit and the Radiation Therapy Summit.
- Liaison discussed several issues of mutual interest with the director of governmental affairs via phone, email, and at other meetings.
- Liaison continues to work with AAPM members to register sources and to encourage participation in volunteer activities to support population monitoring.
- Liaison did a news article for the AAPM newsletter.

**CRCPD Working Group
Activities** *[Continued]***H-16 Liaison – Joint Commission**

Ray Dielman (FL), Liaison

- Liaison submitted an article for the CRCPD *Newsbrief* on liaison activities.

H-23 Liaison – American College of Radiology (ACR)

Jennifer Elee (LA), Liaison

- Liaison continues reviewing the ACR Journal for articles and information that would be helpful to CRCPD members and passed relevant information on to the appropriate Healing Arts committees.
- Liaison contacted ACR about providing speakers for upcoming Mammography Training.

H-25 Task Force for IMRT

James Pate (LA), Chairperson

- No report received.

H-28 Liaison – Society of Nuclear Medicine (SNM)

James Yusko, (PA), Liaison

- No report received.

**H-31 Task Force for Monitoring Patient Dose During
Fluoroscopy**

Tim Gibson (TX), Chairperson

- H-31 is addressing the white paper peer review comments.
- H-31 is working on an inspector handout.

H-32 Committee for Computed Tomography

Lisa Bruedigan (TX), Chairperson

- H-32 prepared a position statement for the CRCPD Board of Directors on CT protocol review.

**H-33 Task Force for the Inspection Protocol of Diagnostic
X-ray Facilities Using CR/DR Technology**

Mike Odlaug (WA), Chairperson

- The New England Radiological Health Conference presented the CR/DR Protocol with hands-on training at their meeting in November 2009.
 - H-31 finalized the CR/DR Protocol. The CR/DR Protocol was published and posted to the CRCPD website.
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CRCPD Working Group Activities *[Continued]*

H-34 Task Force for Helical IMRT

Janaki Krishnamoorthy (NY), Chairperson

- H-34 Chairperson reviewed a draft of the white paper.

H-35 Liaison – American Society for Radiology Oncology (ASTRO)

John Winston (PA), Liaison

- Liaison worked with Richard Martin, ASTRO, to find an individual to speak on innovations in radiation therapy during the opening session of the National Conference.
- Liaison participated in a conference call and is continuing efforts with ASTRO to work collectively on developing a database of non-RAM medical events.
- Liaison continues reviewing ASTRO articles and information that would be helpful to CRCPD members.
- Liaison continues to monitor any relevant draft legislation.

H-36 Task Force on E-Brachtherapy

Daniel Kuhl (AZ), Chairperson

- H-36's white paper is being reviewed by various committee members.

H-37 Liaison – American Board of Radiology

Jennifer Elee (LA), Liaison

- No activity reported.

H-38 Committee on Non-Radioactive Materials Medical Events Tracking

Jennifer Elee (LA), Chairperson

- H-38 established February 2010.

H-39 Task Force on CT Brain Perfusion Exposure Survey

Carole Chafin (LA Co./CA), Chairperson

- Task force created February 2010.
- H-39 held two conference calls to work on a questionnaire to be distributed to the states.

**CRCPD Working Group
Activities** *[Continued]***Homeland Security/Emergency Response Council**

Kim Steves (KS), Chairperson

HS/ERC-EI – Homeland Security Council – Emerging Issues

Wayne Malloch (ME) Chairperson

- No activities to report.

HS/ER-1 Task Force for EPA's Creation of National Monitoring System

Debra McBaugh (WA), Chairperson

- No activities in this reporting period.

HS/ER-2 Committee for Fostering Partnerships and Developing Operational Guides to Support Emergency Preparedness and Response

Frieda Fisher-Tyler (DE), Chairperson

- An article about the 2008 roundtable and 2009 workshop was published in the CRCPD *Newsbrief* in the October 2009 issue.
 - A proposal for funding an Alliance Steering Committee was submitted to CDC by ASTHO in July 2009 as a year 2 activity on their cooperative agreement grant with CDC, and was approved in September 2009, with scope of work to explore and evaluate the feasibility of establishing a formal Alliance and document the work in a report to CDC by June 2010.
 - The first official meeting of the Alliance Steering Committee was held on January 6-7 in Washington, DC. CRCPD was represented by HS/ER Chair, CRCPD Chair and the Executive Director.
 - In late January, the committee was offered an opportunity to comment on a list of suggested Alliance “products and services” to use as a starting point to identify short-term projects to demonstrate some early successes. The strawman will be used by a subcommittee of the Alliance Steering Committee to develop a short list of action items at its February 16 meeting.
 - Follow-up meetings of the Alliance Steering Committee are scheduled for Feb 16 at the Public Health Preparedness Summit in Atlanta, Georgia and April 14-15 in Newport, Rhode Island prior to the CRCPD Annual Meeting.
 - An article about the project to evaluate feasibility of establishing an Alliance will be published in the CRCPD *Newsbrief* in the spring or summer of 2010.
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CRCPD Working Group Activities *[Continued]*

HS/ER-4 Task Force for Operational Guidelines for Models and Tools for Recommendations and Responses to RDD/IND

Debra McBaugh (WA), Chairperson

- All members prepared comments on the Preliminary Report on Operational Guidelines Developed for Use in Emergency Preparedness and Response to a Radiological Dispersal Device Incident. A conference call was held on November 9, 2009 to finalize comments. The chair will finalize the comments and send them to Steve Domotor, our Resource person at DOE. We will plan to get together after the Liberty Exercise when SOE and others will use the OGT tools.

HS/ER-5 Committee on Emergency Response Planning

Patrick Mulligan (NJ), Chairperson

- On August 26 and 27, 2009, Steve Woods (CA), HS/ER-5 member, attended a meeting of the Federal Radiological Monitoring and Assessment Center (FRMAC) Operations Working Group. The Department of Energy, along with various federal agency representatives that are members of this work group, had their annual meeting to review work being performed by the various FRMAC working groups. During the Operations Working Group meeting of the Empire 09 exercise in Albany, New York, lessons learned, FRMAC Operations manual update and upcoming FRMAC exercises were discussed.
- A meeting of the HS/ER-5 committee members and advisors was held on September 15, 2009 via teleconference. The main purpose of the meeting was to solicit comments and feedback on the proposed changes to the REP Program Manual, the Exercise Evaluation Methodology, and the implementation of Hostile Action Based Drills into the REP exercise cycle. Other committee activities, updates and new business were included on the agenda. Meeting minutes are available if needed.
- At the request of the EPA, committee members and advisors reviewed the draft document outline of the protocol for transitioning FRMAC from a DOE facility to an EPA facility.
- In October 2009, committee members and advisors completed the extensive review of the NRC/FEMA rulemaking changes and drafted comments for the CRCPD Board's signature.
- Committee members began work internally on developing and maintaining a checklist for preparing and planning for an ingestion pathway exercise. Charlie Adams (member-FL) drafted the first version, which will be distributed to the committee for review and revision during the next reporting period.

CRCPD Working Group Activities *[Continued]*

- On December 2 and 3, 2009, Cynthia Costello (advisor-NY) attended a meeting of the Federal Radiological Monitoring and Assessment Center (FRMAC) Assessment Working Group. Ms. Costello was invited to serve on this working group because of her knowledge and experience with the FRMAC and with radiological accident assessment. The meeting focused on preparing for the National Level Exercise (NLE) 2010 that will include an improvised nuclear device. The exercise was tentatively planned for April 2010 in Las Vegas, Nevada.
 - Kurt Jackson (advisor-CA), assigned to the FRMAC Mission Analysis working group, reviewed a draft document as part of the group's ongoing review and revision to FRMAC manuals based on lessons learned through exercises.
 - Kurt Jackson reviewed draft documents and attended a FRMAC Laboratory Analysis Working Group conference call on December 15, 2009, regarding the need for DOE fly away laboratory capability.
 - On December 15 and 16, 2009, Ken Evans (member-IL), attended a meeting of the FRMAC Health and Safety Working Group. The main purpose of this meeting was to re-establish the FRMAC Health and Safety Working Group. The purpose of the working group is to update the Health and Safety Manual, which has not been revised since 2001.
 - On November 9, 2009, Toby Morales (advisor-AZ), attended a meeting of the HS/ER Task Force for Operation Guideline Models and Tools for Recommendations and Response to an RDD/IND via conference call. Members of the task force provided updates on progress of assignments within that group.
 - Patrick Mulligan (chairperson-NJ), attended the NRC Commission meeting on NRC's Proposed Rule: Enhancements to Emergency Preparedness Regulations, Tuesday, December 8, 2009. The Commission invited specific individuals representing state, county, local industry and environmental interest groups to provide additional comments on the rulemaking process and the proposed changes.
 - A meeting of the HS/ER-5 committee members and advisors was held on January 28, 2010, via teleconference. At the September 2009 conference call, the committee had decided that quarterly conference calls would be the most effective means to keep all committee members, advisors and liaison apprised of current activities. Meeting minutes are available for review if necessary.
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CRCPD Working Group Activities *[Continued]*

- Committee members prepared material and discussion points for the upcoming Advisory Team meeting scheduled for February 2010.

HS/ER-6 Task Force for Development of CRCPD Comments on the EPA Protective Action Guidelines

Cynthia Costello (NY), Chairperson

- No activities at this time. The release of the EPA Protective Action Guidelines currently is on hold at EPA.

HS/ER-7 Task Force on Inter-Organizational Activities

Alice Rogers (TX), Chairperson

- Attended quarterly meetings of the federal Homeland Security “Nuclear Sector Government Coordinating Council” on September 17 and November 5, 2009. Chair participated in GCC focus groups on transportation, tracking, and disposal of quantities of concern of radioactive material.

HS/ER-8 Task Force on the Development of Nuclear Power Plan New Releases

Ann Pfaff (NJ), Chairperson

- HS/ER-8 finalized draft “Library of Press Releases for Nuclear Generating Station Plume and Post-Plume Exercises and Incidents” and draft “FAQs for Nuclear Generating Station Plum and Post-Plum Exercises and Incidents” and submitted to the CRCPD Board for review.

HS/ER-9 Task Force for Supplement to RDD Handbook

Cynthia Costello (NY), Chairperson

- HS/ER-9 held an initial conference call on September 24, 2009.

HS/ER-10 Task Force for Volunteer Development

Dawn Burke (NC), Chairperson

- HS/ER-10 met via conference call October 15, 2009, to begin drafting the Request for Proposals (RFP) for funding assistance under a subcontract with CRCPD.
- HS/ER-10 met via conference call October 19, 2009, to complete the draft RFP. An online Q/A was posted to the CRCPD website. A RFP application template format was emailed to the states in hopes to simplify the application process.
- HS/ER-10 met via conference call October 26, 2009, to finalize the RFP. The RFP was sent to the state radiation control

**CRCPD Working Group
Activities** *[Continued]*

programs on October 27, 2009 with a due date of December 21, 2009.

- HS/ER-10 met in Austin, Texas, January 12-13, 2010 to review submitted applications.

Suggested State Regulations Council

Earl Fordham, CHP (WA), Chairperson

SR-EI – Emerging Issues

Cindy Cardwell (TX), Chairperson

- No activity reported.

SR-A – General Provisions (Part A)

Shawn Seeley (ME), Chairperson

- Waiting on edits and format from the OED for Parts A, D, and J.

SR-B – Registration of Radiation Machines, Facilities, and Services (Part B)

Russell Takata (HI), Chairperson

- No activity reported.

SR-BB – Nonionizing – Tanning (Part BB)

- Part BB has been designated inactive.

SR-C – Licensing of Radioactive Materials (Part C)

Mike Welling (VA), Chairperson

- SR-C met via conference call January 21, 2010, to discuss the status and to finalize the updated version made at the 2008 SR-C meeting.

SR-D – Standards for Protection Against Radiation (Part D)

Shawn Seeley (ME), Chairperson

- Waiting on edits and format from the OED for Parts A, D, & J.

SR-E – Radiation Safety Requirements for Industrial Radiographic Operations

Ann Troxler (LA), Chairperson

- No activities reported.
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**CRCPD Working Group
Activities** *[Continued]***SR-F – X-Rays in Health Arts (Part F)**

Russell Takata (HI), Chairperson

- Part F was approved by the CRCPD Board and sent for federal concurrence.

SR-G – Use of Radionuclides in the Healing Arts (Part G)

Gwyn Galloway (UT), Chairperson

- Completed draft revision of Part G.
- List of peer reviewers was approved by the CRCPD Board of Directors.
- Part G sent out for peer review January 22, 2010.

SR-H – Radiation Safety Requirements for Analytical X-Ray (Part H)

David Allard (PA), Chairperson

- Working on finalizing Part I.

SR-I – Radiation Safety Requirements for Particle Accelerators (Part I)

David Allard (PA), Chairperson

- Part I will be completed after Part H is completed.

SR-J – Notices, Instructions, and Reports to Workers: Inspections (Part J)

Shawn Seeley (ME), Chairperson

- Waiting on edits and format from the OED for Parts A, D, & J.

SR-R – Radon (Part R)

Robert Stilwell (ME), Chairperson

- SR-R met via conference calls in August and September 2009 and January 2010 to work on the appendices to Part R.
- SR-R reviewed draft radon protocol and provided comments to the ANSI.

SR-S – Bonding and Surety (Part S)

John Barcalow (IL), Chairperson

- No activity reported during this period.
 - SR-S chair continues to participate in the 2010 Radiation Source Protection and Security (NRC Chairman's) Task Force and the NRC's Financial Assurance Working Group.
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**CRCPD Working Group
Activities** *[Continued]***SR-T – Transportation of Radioactive Materials (Part T)**

Bob Owen (OH), Chairperson

- Draft Part T completed.
- SR-T committee is incorporating committee review and decisions of peer review comments.

SR-U –Licensing Requirements for Uranium and Thorium Processing and Related Radioactive Material (Part U)

Phil Egidi (CO), Chairperson

- Part U committee is working on reconciling comments received from NRC.

SR-V - Physical Protection of Byproduct Material

Frank Costello (PA), Chairperson

- Part V was established September 2009.
- Working group members and advisors were identified.

SR-W - Radiation Safety Requirements for Wireline Service Operations and Subsurface Tracer Studies (Part W)

Mike Dunn (TX), Chairperson

- No activities reported.

SR-X – Medical Therapy (Part X)

Bill Dundulis (RI), Chairperson

- SR-X is currently in study phase (i.e., review of literature regarding CyberKnife and proton therapy.)
- SR-X chair provided consultations to several state radiation control programs regarding implementation of Part X recommendations.

SR-Y – Disposal of Contaminated Waste Water Sludge in Landfills

Jay Hyland (ME), Chairperson

- No activities reported.

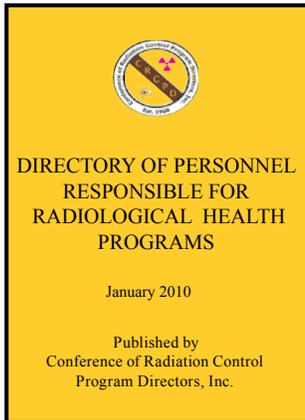
SR-Z – Medical Credentialing (Part Z)

Paul Brown (IL), Chairperson

- Part Z is awaiting direction from the CRCPD Board of Directors.



Directory Changes



Page 1 - 2010 Board of Directors: remove Adela Salame-Alfie, Chairperson and insert N. Michael Gilley, Florida, Chairperson, Telephone: 850/245-4545, e-mail: <norman_gilley@doh.state.fl.us>; remove N. Michael Gilley, Chair-Elect and insert Alice Rogers, PE, Texas, Chair-Elect, Telephone: 512/834-6629; e-mail: <alice.rogers@dshs.state.tx.us>; removed John P. Winston, Pennsylvania and insert Adela Salame-Alfie, Ph.D., New York, Past Chairperson, Telephone: 518/402-7501, e-mail: <asa01@health.state.ny.us>; remove Kim Steves, Kansas, Member-at-Large and insert Frieda Fisher-Tyler, CIH, Delaware, Member-at-Large, Telephone: 302/744-4546, e-mail: <frieda.fisher-tyler@state.de.us>.

2010 Council Chairpersons – remove N. Michael Gilley, Environmental Nuclear Council and insert Alice Rogers, Texas; change General Council to General Council and Liaisons; remove Kim Steves, Homeland Security/Emergency Response Council and insert Frieda Fisher-Tyler, Homeland Security/Emergency Response Council.

Page 8 – AZ – Patricia Chase-remove Environmental Surveillance (Lab Facility) and insert Radiation Measurements Laboratory, insert Ext. 252; change e-mail: <pchase@azrra.gov>; remove Vacant in its entirety; Diane Decker-change title to Administrative Services Officer, insert new telephone: 602/470-8419 (TDD) and remove off-duty number; Sonia Carpena-insert Non-Ionizing Compliance and insert Non-Ionizing Contact; Robert Cope-insert X-Ray Compliance/Radioactive Materials, remove off-duty number; Perry Kepley-insert Ext. 232 and remove off-duty number; insert-Randy Newman, Information Technology Manager, Telephone: 602/255-4845, Ext. 262, e-mail: rnewman@azarra.gov.

Page 24 – HI – Remove Deena W. S. Kam it is entirety.

Page 58 – NC – W. Lee Cox-remove “Acting,” insert new Ext. 201, replace e-mail: lee.cox@ncdenr.gov; Jenny Rollins-replace e-mail: jenny.rollins@ncdenr.gov; James Albright-replace e-mail: james.albright@ncdenr.gov; delete Dale Dusenbury in its entirety and replace with William Jeffries, Coordinator, Nuclear Facilities Emergency Response, telephone: 919/571-414, Ext. 232, e-mail: william.jeffries@ncdenr.gov, Off-duty: 336/264-0219; Amy D. Sawyer-replace e-mail: amy.sawyer@ncdenr.

Directory Changes*[Continued]*

gov; remove S. W. (Felix) Fong in its entirety and replace with Catherine Rosfjord, Env. Spec., Radon, Telephone: 828/335-7741, e-mail: catherine.rosfjord@ncdenr.gov (Radon Contact); Bennifer Pate-replace e-mail: bennifer.pate@ncdenr.gov; Grant Mills-replace e-mail: grant.mills@ncdenr.gov; removed Wendy Tingle its entirety; Gerald Speight-replace e-mail: gerald.speight@ncdenr.gov; Sharn Jeffries-replace e-mail: sharn.jeffries@ncdenr.gov; Bonnie Poole-replace e-mail: bonnie.poole@ncdenr.gov.

Page 66 – PA – Dennis A. Gallagher-insert new e-mail: dengallagh@state.pa.us.

Page 83 - UT – Replace 168 North with 195 North.



New Members/ Classification Changes

Associate Members

Beasley, Sean (IL)

Affiliate Members

Geraci, Paul P. (NH)

Harding, Terence (PA)

Pierce, Heather M. (VA)

Skowronski, Claire M. (FL)

Taylor, Tammy (NM)



CRCPD Board of Directors

| Board position | Name | State | Work Phone | E-mail address |
|-------------------------|--------------------------------|-----------------|--------------------|---------------------------------|
| Chairperson..... | Michael Gilley. | Florida..... | 850/245-4545 | norman_gilley@doh.state.fl.us |
| Chairperson-Elect | Alice Rogers, PE | Texas | 512/834-6629 | alice.rogers@dshs.state.tx.us |
| Past Chairperson | Adela Salame-Alfie, Ph.D. | New York..... | 518/402-7501 | asa01@health.state.ny.us |
| Treasurer* | Jennifer Elee..... | Louisiana | 318/362-5367 | jennifer.elee@la.gov |
| Member-at-Large | Frieda Fisher-Tyler, CIH | Delaware..... | 302/744-4546 | frieda.fisher-tyler@state.de.us |
| Member-at-Large | Earl Fordham, CHP | Washington..... | 509/946-0234 | earl.fordham@doh.wa.gov |
| Member-at-Large | Mary Ann Spohrer..... | Illinois..... | 217/785-9916 | maryann.spohrer@illinois.gov |
| *Effective 7/1/10 | Treasurer-Terry Frazee..... | Washington..... | 360/236-3213 | terry.frazee@doh.wa.gov |

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