Wow, it’s hard to believe two years have gone by since I agreed to be on the ballot as NCHPS president… the time flew by! We had a couple of really good meetings in Asheville (Fall 2010) and Chapel Hill (Spring 2011) along with the loss of a few colleagues (Robbie Privette, Dale Dusenbury and Dade Moeller.) I appreciate all of the attendees, vendors and speakers who made those two meetings successful.

It’s good to see the participation from different disciplines in our chapter (regulatory, medical, universities, private consultants, manufacturing, etc.) Recently, I received a phone call from a college junior concerning a project he was completing involving smart phones and radiation detectors. We are fortunate to live in these technologically-driven times with so many new innovations making life easier and communications more efficient. I hope to see more wonderful ideas become reality in our profession.

Wendy Wochr has done an excellent job planning and presenting the Fall 2011/Spring 2012 chapter meetings; I am sure that the next President-Elect will carry this tradition on as well. Many thanks go to our vendors who support these activities; we appreciate all that you do for us.

I look forward to seeing you soon and appreciate my time and chance to serve as President.

FAREWELL FROM DAVID HOWELL

SAVE THE DATE
• Fall Meeting
• Oct. 4 and 5, 2012
• Winston-Salem, NC
• @Hawthorne Inn

TOREV Update: Upcoming Events: Mark your calendar

Dawn Burke

A big thanks to NC HPS, NC RPS and TOREV Volunteers. Together with our partners we continue to build a sustainable active volunteer response team! In April 2012 NC OEMS received the CDC-CRCPD grant for the purpose of Population Monitoring – In May 2012 a new working group was established from members of TOREV/NC MRC/NC PHP&R/NC EM – Please join us Fri. June 29, 2012 for our First Annual TOREV meeting!

• 1st Annual TOREV/MRC/PH meeting: June 29, 2012: 10-2pm at the Dix campus Conference Center Raleigh, NC. (invitation on Page 4)
• July 9th 2012 Brunswick Pre-exercise – TOREV Volunteers are needed!
• The Brunswick Exercise is August 7th
• Oct 30th, 2012 Catawba Exercise – RPS/TOREV Volunteers are needed!

All are EPZ training exercises. TOREV Volunteers must RSVP via email to dawn.burke@dhhs.nc.gov if interested in participating. All exercises require a 30-60 day Pre-date Participant Role and Confirmation.

Required online training – TOREV Volunteers – Due: Dec 1, 2012
ICS 100, 200, 700 and 800 – Register on the FEMA website for free online classes and awarded certificates http://training.fema.gov/IS/NIMS.asp and http://www.fema.gov/emergency/nrf/

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NCHPS Spring 2012 Meeting
by Wendy Wochr, NCHPS President-Elect

The spring meeting of the North Carolina Chapter “Health Physics Issues in the Medical Environment” was held March 15th and 16th in Raleigh, North Carolina. The meeting was well attended with a large number of attendees from the North Carolina Radiation Protection Section- Radiology group.

The meeting was preceded on Thursday morning with a four hour PEP “Fundamentals of X-Ray Shielding” presented by Chris Martel of Brigham and Women’s Hospital/Harvard University. Eight CEC were granted by the AAHP for the course, and ASRT granted 4.5 CEC. Chris’ knowledge of x-ray shielding was well received and appreciated by the attendees.

Julian Preston from the US EPA presented “Radiation Protection and Tissue Reactions: Cataracts and Cardiovascular Disease”. He was followed by an exceptional lineup of speakers and topics: Kyle Jones (MD Anderson)- “Patient Safety in Fluoroscopic Imaging”, David Enterline, MD (Duke University Hospital)- “Cat on a Hot Tin Roof: Benefits and Radiation Risks of CT in Neuroradiology”, Andrew Woodward (UNC-Chapel Hill)- “Digital Imaging Receptor Technology and ALARA”, Robert Reiman, MD (Duke University Hospital)- “Ask the Expert”, Robert Dixon, MD (UNC-Chapel Hill)- Practical Review of Radiation Safety Tips” and Daniel Bourland (Wake Forest University)- “Radiological Imaging Risk: Joint Commission Sentinel Alert #47”. During the dinner banquet we were entertained by Kyle Jones’ scintillating talk on “Risky Business-Understanding and Communicating Risk.

A chapter business meeting was conducted. New officers were announced: President-Elect: Jonathan Moore, Secretary: Darcy Campbell and Council Member: Diane Sulas. Congratulations to our newly elected council members! Thanks for stepping up and volunteering!

On Friday, the Graduate Student Competition was held. Five students, from Duke and NC State made presentations. The attendees voted and the winner was Anna Rodriques from Duke University on the topic “Dose verification in small animal image guided radiation therapy: A dose comparison between TG-61 based look-up table and MOSFET method for various collimator sizes”. Amy Orders presented Anna with a check for $250 from the NCHPS. Congratulations Anna!

Eleven exhibitors supported the meeting with booths and provided great door prizes, trinkets, and valuable information about their products to the attendees.
June 2012

Meet our New Elected Officials

Jonathan Moore– President Elect

Mr. Moore is currently the Associate Radiation Safety Officer at UNC Chapel Hill. Before coming to UNC, he worked as a Health Physicist at Wake Forest University School of Medicine and a Radiation Safety Technician at Duke University Medical Center. Mr. Moore is a certified health physicist. Mr. Moore received a Master of Science degree from UNC Chapel Hill and a Bachelor’s degree in Nuclear Engineering from NC State. He has served as a executive council person and currently is the Survey Meter Custodian.

Darcy Campbell– Secretary

Darcy Campbell is an Assistant Scientist at Duke Energy. She provides staff support to the Radiological Environmental Monitoring Program and also assists with instrument quality control and analysis. Prior to working at Duke Energy, Darcy was a Nonproliferation Graduate Fellow at Pacific Northwest National Laboratory where she served as a contractor to the National Nuclear Security Administration’s Office of Global Threat Reduction.

Darcy graduated magna cum laude from Georgetown University with a MS in Health Physics and Nuclear Nonproliferation. She also holds a BS in Biology from the University of South Carolina.

Darcy has been a member of the Health Physics Society since 2009 and is the 2012-2013 treasurer of the National Health Physics Society Membership Committee. In her spare time, Darcy is active in the Junior League of Charlotte and enjoys golfing, cooking, and attending sporting events (Go Gamecocks!)

Diane Sauls– Council Person

Diana graduated from University Of Wisconsin Madison with her Bachelor’s in Physics in 2006. Shortly after that she started working for the State of Wisconsin in Radiation Protection as a Nuclear Engineer. She became an NRC trained inspector and license writer.

In 2010, She moved to Georgia and worked and studied at Auburn University. While she worked at the radiation safety office she also attended ORISE’s RSO training seminar. She returned to the regulatory world as a license writer for the state of North Carolina in July 2011.

In her free time she loves to run, hike, and camp. She has 3 dogs, 2 shepherds and a beagle. She is greatly excited and appreciative of this opportunity to communicate with other established health physicist and radiation specialist in the local area.
## TOREV and MRC Integration Meeting

**Friday June 29th, 2012**  
10:00am-2:00pm  
**Dorothea Dix Campus**  
**Raleigh, NC 27699**

### Friday, June 29, 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Coordinator</th>
</tr>
</thead>
</table>
| 10:00 – 10:30 a.m. | Welcome and Introduction  
Opening Remarks | Regina Godette-Crawford, OEMS Chief  
Lee Cox, RPS Section Chief  
Dr. Julie Casani, Public Health Preparedness Branch Chief |
| 10:30 – 11:00 a.m. | Team Building Exercise  
Open Discussion – Exercise Results | TBD |
| 11:00 – 11:15 a.m. | Defining State MRC Infrastructure | Peggy Handon, NC MRC Coordinator |
| 11:15 – 11:30 a.m. | Overview of CRCPD RFP TOREV | Dawn Burke/ Roger Sit/ Gerald Wicks |
| 11:30 – 11:45 a.m. | The Public Health Preparedness Capabilities and Volunteers | Brian Combs, PHP&R |
| 11:45-12:30 p.m. | Break for Lunch | |
| 12:30 – 1:00 p.m. | Open Discussion | Participants |
| 1:00 – 1:30 p.m. | ServNC Intro Sign-On Training | Angela Hicks, OEMS Data Manager |
| 1:30 – 1:45 p.m. | Work Groups Established and Assignments Made | Peggy Handon /Dawn Burke |
| 1:45 – 2:00pm | Training Requirements of Agency  
What Training is Needed | Participants |
Ensuring Safe, Accurate Medical Radiation Imaging
Brenda Greenberg RT (R)(CT)
Board Chair, NCSRT, Inc.

My name is Brenda Greenberg and I work in radiology at UNC Healthcare. I serve as the Board Chair of the North Carolina Society of Radiologic Technologist. On behalf of the 10,945 registered technologists across North Carolina, I thank you for the opportunity to share in the dialogue on the quality and safety of medical radiation imaging and radiation therapy.

Medical Imaging has become a necessity in diagnosing and treating many illnesses; patients with broken bones to patients with cancer. While radiations allows physicians to diagnosis and treat a variety of illnesses, it comes with some risk. Accuracy and safety are equally important in this process.

The NCSRT, Inc. believes the best way to ensure the safety, quality and accuracy of medical radiation imaging is by establishing educational and certification standards for technical personnel performing these images. Medical Imaging should be done by educationally prepared and clinically competent personnel.

CT scanners, gamma cameras and linear accelerators are some of the most complex medical equipment in the world. However, this technology is ineffective, and potentially dangerous in the wrong hands. That’s because the quality of any medical radiation procedure is directly linked to the skill and competence of the person performing it. These individuals should have education and training to perform these procedures accurately.

Patient safety is in the hands of these individuals, yet they remain unregulated. North Carolina is one of only 5 states that have no regulation of personnel performing medical radiation procedures at all. In the state of North Carolina we find it necessary to regulate the hair stylist, nail stylist, and sign language interpreters but not the personnel administering radiation.

Unqualified personnel are a danger to patients. An underexposed x-ray cannot reveal a malignant tumor, and an inaccurate radiation therapy treatment cannot stop its spread.

Even worse, when medical radiation is used improperly it can harm the very patient it was meant to help.

Only qualified personnel should be allowed to perform medical imaging and radiation therapy. Legislation will ensure a minimum of education, knowledge and skill for those who are responsible for medical radiation procedures. For the citizens of North Carolina safety, the North Carolina Society of Radiologic Technologists encourages you to establish legislation to regulate minimum safety and educational standards.

If you agree with the NCSRT, Inc. please contact your legislator and ask them to support licensing of Radiologic Technologists and Radiation Therapists. You can find the contact information for your legislator at this link. http://www.ncga.state.nc.us/representation/WhoRepresentsMe.htm

Thanks to medical imaging and radiation therapy, thousands of North Carolinians are cancer survivors. The majority of radiation procedures are administered safely and successfully, however any mistake is unacceptable.
ProPhysics has the following public courses scheduled for 2012:

<table>
<thead>
<tr>
<th>Available Courses</th>
<th>Course Dates</th>
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<tbody>
<tr>
<td>Radiation Safety Officer Training - 16 Hour Course</td>
<td>October 15-16, 2012</td>
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<tr>
<td>Radiation Safety Officer Training - 40 Hour Course</td>
<td>October 15-19, 2012</td>
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<tr>
<td>Radiation Safety Training - 16 Hour Course</td>
<td>October 15-16, 2012</td>
</tr>
<tr>
<td>Radiation Safety Training - 40 Hour Course</td>
<td>October 15-19, 2012</td>
</tr>
<tr>
<td>Accreditation Preparation, Testing, On-going QC, Radiation Safety and Regulatory Compliance in General Nuclear Medicine and PET - 8 Hour Course</td>
<td>October 20, 2012</td>
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Please visit our website for pricing, location and registration: [http://www.prophysics.com/Education/Courses.html](http://www.prophysics.com/Education/Courses.html). For more information about public, private and online training courses provided by ProPhysics, please contact us at (919) 465-2545 or email info@prophysics.com.
## Executive Council

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Email</th>
<th>Elected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Past President</td>
<td>David Howell</td>
<td>336-716-1202</td>
<td><a href="mailto:dhowell@wakehealth.edu">dhowell@wakehealth.edu</a></td>
</tr>
<tr>
<td>President</td>
<td>Wendy Woehr</td>
<td>919-668-3155</td>
<td><a href="mailto:wendy.woehr@duke.edu">wendy.woehr@duke.edu</a></td>
</tr>
<tr>
<td>President-elect</td>
<td>Jonathan Moore</td>
<td>919-962-5713</td>
<td><a href="mailto:jdmoore@ehs.unc.edu">jdmoore@ehs.unc.edu</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Darcy Campbell</td>
<td>980-875-5395</td>
<td><a href="mailto:darcy.campbell@duke-energy.com">darcy.campbell@duke-energy.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Bonnie Kanoy</td>
<td>910-639-4421</td>
<td><a href="mailto:bonnie@kanoy.com">bonnie@kanoy.com</a></td>
</tr>
<tr>
<td>Council person</td>
<td>Bill Fitzgerald</td>
<td>919-541-3383</td>
<td><a href="mailto:Fitzger5@niehs.nih.gov">Fitzger5@niehs.nih.gov</a></td>
</tr>
<tr>
<td>Council person</td>
<td>Diane Sulas</td>
<td>608-566-5335</td>
<td><a href="mailto:dmsulas@gmail.com">dmsulas@gmail.com</a></td>
</tr>
<tr>
<td>Council person</td>
<td>Lance Loucks</td>
<td>980-875-4674</td>
<td><a href="mailto:leloucks@duke-energy.com">leloucks@duke-energy.com</a></td>
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## Committee

<table>
<thead>
<tr>
<th>Program</th>
<th>President elect</th>
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<tbody>
<tr>
<td>Public Info/ Education</td>
<td>Laura Pring</td>
</tr>
<tr>
<td>Nominating</td>
<td>Past President</td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Giao Nguyen</td>
</tr>
<tr>
<td>Membership</td>
<td>John McLamb</td>
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<tr>
<td>Public Issues</td>
<td>David Lee</td>
</tr>
<tr>
<td>TOREV</td>
<td>Gerald Wicks</td>
</tr>
<tr>
<td>Student Paper</td>
<td>Amy Orders</td>
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## III. Adjunct Members/Appointees

<table>
<thead>
<tr>
<th>Program</th>
<th>Chair</th>
<th>Telephone</th>
<th>E-mail address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Teacher Workshop</td>
<td>Roger Sit</td>
<td>919-962-5711</td>
<td><a href="mailto:rsit@unc.edu">rsit@unc.edu</a></td>
</tr>
<tr>
<td>Survey Meter Custodian</td>
<td>Jonathan Moore</td>
<td>919- 962-5713</td>
<td><a href="mailto:jdmoore@ehs.unc.edu">jdmoore@ehs.unc.edu</a></td>
</tr>
<tr>
<td>HPS/Chapter Liaison</td>
<td>Sarah Roberts</td>
<td>865-241-8893</td>
<td><a href="mailto:sarah.roberts@orau.org">sarah.roberts@orau.org</a></td>
</tr>
<tr>
<td>Historian</td>
<td>J. Marion Eaddy</td>
<td>800-835-3615</td>
<td><a href="mailto:marion@prophysics.com">marion@prophysics.com</a></td>
</tr>
</tbody>
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PROPOSED AGENDA

North Carolina Radiation Protection Commission
3825 Barrett Drive, Raleigh, NC
Friday, July 29, 2011 - 10:00 AM

Welcome Opening Remarks  Dr. Plott, Vice-Chair
Ethics  Dr. Plott, Vice-Chair

Conflict of Interest Reminder: In accordance with the State Government Ethics Act, it is the duty of every Commission member to avoid both conflicts of interest and potential conflicts.

Does any Commission member have any known conflict of interest or potential conflict with respect to any matters coming before the Radiation Protection Commission today?

If so, please identify the conflict or potential conflict and refrain from any participation in the particular matter involved.

Roll Call  Lee Cox, Chief
Approval of Minutes: February 25, 2011  Dr. Plott, Vice-Chair
Old Business: NA

Reports from Commission Advisory Committees

• Non-Ionizing Advisory Committee  Dr. Thomann
• Emergency Response Advisory Committee  Jerry Hightower
• Environmental Surveillance Advisory Committee  Dr. DeMaster
• Radioactive Materials Control Advisory Committee  Dr. Plott
• Low Level Radioactive Waste Advisory Committee  Allen Mabry
• X-Ray Surveillance Advisory Committee  Beth Franklin

Staff Report/Introduction of New Division  Lee Cox, Chief

New Business  Dr. Plott, Vice-Chair
From Nominating Committee
   Nominations/Voting for Term July 1, 2011 to June 30, 2012
   • Call for Volunteers/Working Groups
   • Service Recognition

Public Comment  Dr. Plott, Vice-Chair

Next Meeting  Dr. Plott, Vice-Chair
   Regular meeting 10:00 a.m., February 24, 2012 or sooner called by the Chair

Adjournment
NORTH CAROLINA RADIATION PROTECTION COMMISSION
1645 MAIL SERVICE CENTER - RALEIGH, NC 27699-1645
TELEPHONE: 919-571-4141 • FAX: 919-571-4148

EUGENE A. LEWIS, D.C., M.P.H., CHAIR   CARMINE M. PLOTT, PH.D., CHP, VICE-CHAIR

VOTING MEMBERS
HOLLY J. BURCHE, M.D.  DAVID J. DEMASTER, PH.D.
MICHAEL J. HODOS, PH.D.  LARRY E. HAYNES, CHP
WAYNE R. THOMANN, PH.D.  ELIZABETH M. FRANKLIN, M.S.

EX-OFFICIO MEMBERS
ROBERT K. ANDREWS, JR., CSP  THOMAS F. CECHIC
J. EDGAR GEDDEE, PH.D.  DOUG HOELL
DREXDAL R. PRATT  SUZANNE TAYLOR

W. LEE COX, III
CHRIS C. HOKE
ROY ERIASON
DANNY L. MCDONALD

July 29, 2011

1  

3 MEMBERS PRESENT
4 Carmine M. Plott, PhD, Vice-Chair
5 Robert K. Andrews, Jr. (Ex Officio)
6 Michael J. Hodos, PhD
7 Chris G. Hoke (Ex Officio)
8 Thomas Cecich (Ex Officio)
9 J. Edgar Geddie, PhD (Ex Officio)
10 W. Lee Cox III (Ex Officio)
11 David J. DeMaster, PhD
12 Roy Ericson (Ex Officio)
13 Beth Franklin, MS
14 Larry E. Haynes, CHP
15 Jerry H. Hightower, III, MS, DABR
16 Steve Payne for Doug Hoell (Ex Officio)
17 John B. Ludlow, DDS
18 Danny L. McDonald (Ex Officio)
19 Allen M. Mabry, CHP
20 Drexdal R. Pratt (Ex Officio)
21 Suzanne Taylor (Ex Officio)
22 Wayne R. Thomann, PhD

24 WELCOME AND OPENING REMARKS - The meeting was called to order by Carmine Plott, Vice-Chair. A letter was read from Dr. Lewis, Chair, explaining his absence after roll call.
25
26 CONFLICT OF INTEREST REMINDER – The Conflict of Interest Reminder was read by Dr. Plott. One abstention, Mr. Drexdal Pratt a new member of the Commission representing the Medical Care Commission, stated, since Radiation Protection is now part of the Department of Health and Human Services (DHHS) and due to transitional issues Mr. Pratt chose not to participate in any business.
27
28 ROLL CALL - was conducted by Lee Cox; for the record other attendees were allowed to introduce themselves.
29
30 INTRODUCTION OF NEW MEMBERS - Dr. Plott announced the reappointments to the Commission and extended a welcome to the new members Beth Franklin, J. Edgar Geddie, Michael Hodos, and Drexdal Pratt.

North Carolina Department of Health and Human Services

Beverly Perdue, Governor

Lanier M. Cansler, Secretary
ETHICS COMMISSION SEI EVALUATION OF NEW MEMBERS – Dr. Plott did not read the SEI for Beth Franklin which has to be re-worded and the final letter will be read at the next meeting. Dr. Hodos states I did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Dr. Hodos will fill the role of a licensed podiatrist on the Board. His podiatry practice utilizes ionizing radiation and is subject to the regulation of the Commission. As such, he has the potential for a conflict of interest and must exercise appropriate caution in the performance of his public duties should his practice come before the Board for official action. This would include recusing himself to the extent that his interest would influence or could reasonably appear to influence his actions.

APPROVAL OF MINUTES

COMMISSION ACTION: Motion made by Dr. DeMaster, seconded by Mr. Haynes and unanimously approved:

RESOLVED – that the minutes of February 25, 2011, Commission meeting be approved as distributed.

OLD BUSINESS - None

REPORTS FROM COMMISSION ADVISORY COMMITTEES

a. Non-Ionizing Advisory Committee – Dr. Thomann reported that the committee met July 7, 2011, and talked about a number of topics – they revisited the issues around tanning rules and regulations for risk communications, both in the form of signage and in the information that is given to the people utilizing the facilities specifically referencing the fact that the National Toxicology Program (NTP) has identified tanning systems as a cause of human carcinogenic. He would like to see the rules upgraded, but recognize this is not a good time for rulemaking within the State. The language in the existing rules does effectively communicate the risk. Their intent is to upgrade the language, but wait until there are additional rule changes or potential rule changes.

Another possibility discussed was a Senate Bill out to increase the restriction access to tanning facilities by raising the consent to 18 and anyone under that age would have to have a prescription. As far as they know that did not happen. A question was raised about the bill to determine if it had passed the House. Dr. Thomann said they would investigate that and determine the status and provide that information at the February meeting.

Other non-ionizing issues discussed IARC and cell phone use. Most of these devices are controlled and regulated by a variety of other commissions and organizations. The Committee concluded the biggest service Radiation Protection Section could provide is through public awareness. They decided to take on the task of upgrading the website by adding content and making it more accessible for public access and availability of public information related to mediating and minimizing personal exposure to these devices. No need for additional regulation for consideration by the Commission at this time and the same goes for laser use. This is a public information awareness consideration. They are looking at the whole spectrum of non-ionizing sources and want to enhance that on the web page and update the Commission at the February meeting. Dr. Thomann concluded his report by proposing an online tanning operator training. This report is attached as Exhibit #1.
b. **Emergency Response Advisory Committee** – Jerry Hightower reported that they had not met since the February 16th teleconference meeting. One key thing highlighted at the last meeting was the Commission issuing a statement of support to review funding with regard to the emergency response plan within Radiation Protection Section via the NC Emergency Act. They plan to meet and take a look at the Power Plants and the issues identified in the Japan disaster and what’s happened outside of the regions regarding hospitals. Mr. Cox informed the Commission that he approached Director Doug Hoell, Emergency Management about increasing the funding received for each facility. The annual check was received, but it did not include an increase. He plans to address the issue again; because we are not recouping the full costs of supporting these drills. This report is attached as Exhibit #2.

c. **Environmental Surveillance Advisory Committee** – Dr. DeMaster reported that the ESAC had not met since the February meeting, but the Radon Working Group (RWG) had. He gave a brief background of the working group. The final members were approved at the February meeting. They’ve since met twice and a variety of stakeholders are represented on this radon working group. At their April meeting they discussed whether or not the Radiation Protection Commission was the best place to have regulatory authority for radon; they decided that it was and began looking at a radon report from the NC Radon Program to update and streamline. At their July meeting they finalized the report, but did not have time to take the RWG recommendation to the ESAC, so as a member of the Commission, Dr. DeMaster will make the motion to have Radiation Protection Commission have regulatory authority and that authority has to come through a legislative packet to make it happen. The question is does this Commission want to accept regulatory authority? Dr. Plot (should read Plot) suggested that the proposed motion should be regulating radon testing and mitigation and not regulating radon (See New Business for Motion). This report is attached as Exhibit #3.

d. **Radioactive Materials Control Advisory Committee** – Dr. Plot reported they had a telephone conference meeting June 16th. During New Business they will seek a motion to proceed with the rulemaking process for a series of rules they have to amend to maintain compatibility with federal regulations. This report is attached as Exhibit #4.

e. **Low-Level Radioactive Waste Management Advisory Committee** – Allen Mabry reported that they had not met since February. The committee updated the Low-Level Radioactive Waste Management report and submitted it to the General Assembly in April. Mr. Mabry allowed Mr. Crowe to address the issue of orphan sources. He stated that 94% of the 62 surveys for 2010 were received and they picked up and disposed of about eleven orphaned sources. This report is attached as Exhibit #5.

f. **X-Ray Surveillance Advisory Committee and the Healing Arts X-ray Surveillance Working Group.** Ms. Franklin reported that the working group had not met, but had a telephone conference call with Agency representatives regarding the hand held dental use. The Agency has been developing an application for the hand held dental device. Ms. Franklin stated during the conference call they were confronted with two questions. 1) Would the device be restricted to only special needs? 2) Or would the application process be restricted to the Aribex device? Some had concerns to restricting it to one vendor. This report is attached as Exhibit #6.
STAFF REPORT – Mr. Cox’s Section report covered the budget/funding/legislative issues and reorganization. He stated that the Section is self-supporting through licensee fees and registrant receipts as mandated in legislature. He then spoke about reorganization. The agency resides in the Division of Health Service Regulation (DHSR) in the Department of Health and Human Services (DHHS).

Commissions – there has been no discussion of eliminating or merging this commission. He went on to say, he does not anticipate any rejection of proposed rules that are presented to be compatible and adequate with mandated federal regulations. He concluded his report on business not as usual. The agency continues to look for efficiencies and increased effectiveness. By 2013 the goal is to be paperless, this will require IT development and restructuring of our current business practices. We have completed our IT band width to Metro ET-5. All radioactive material licenses will be transitioned to a custom USNRC database. The Radiology Compliance Branch continues to excel as demonstrated by their superior audit rating by the FDA. The Tanning inspectors continue to be successful in working with their regulated community. This report is attached as Exhibit #7

NEW BUSINESS

Presentation of Radioactive Material rules for consideration

COMMISSION ACTION: Motion made by Larry Haynes, seconded by Allen Mabry and unanimously approved:

15A NCAC 11 .0104 as amended; 15A NCAC 11 .0117 as amended; 15A NCAC 11 .0303;
15A NCAC 11 .0304; 15A NCAC 11 .0305; 15A NCAC 11 .0309; 15A NCAC 11 .0317;
15A NCAC 11 .0331; 15A NCAC 11 .0333; 15A NCAC 11 .0338; 15A NCAC 11 .1004;
15A NCAC 11 .1604; 15A NCAC 11 .1633; 15A NCAC 11 .1648

RESOLVED – to initiate Rulemaking process including publication of text, Public Hearing if necessary, acceptance of comments.

Presentation of Authority to Regulate Radon Consideration

COMMISSION ACTION: Motion made by Dr. DeMaster, seconded by Dr. Thomann and unanimously approved:

RESOLVED – that the NC Radiation Protection Commission should seek from the Legislature regulatory authority for Indoor Radon in the state of North Carolina offered by Dr. Thomann.

SERVICE RECOGNITION

Certificate of Appreciation for Marcy Collyer a member from 2008 to 2011; a Proclamation honoring Dr. Rhonda Cohen a member from 1999 to 2011 and Dr. Eugene Lewis a member from 1985 to 1991 and 2006 to 2011 was read into the hearing of the Commission.

NOMINATING COMMITTEE

- Dr. Holly Burge opened the floor for nominations for Chair for the term of one year beginning July 1, 2011 (should read 2011). Dr. Plott nominated Dr. Wayne Thomann. One abstention was made by Mr. Drexdal Pratt. Nomination for Vice-Chair by Dr. Burge for Dr. Plott. One abstention was made by Mr. Drexdal Pratt.
- Dr. Thomann was unanimously voted in as Chair. Dr. Plott was unanimously voted in as Vice-Chair.
CALL FOR VOLUNTEERS/WORKING GROUPS

Dr. Thomann, Chair asked for volunteers – Mr. Hightower volunteered for the X-ray committee. Ms. Franklin (should and Larry Haynes) volunteered for Emergency Response Committee.

COMMENTS FROM THE PUBLIC – None

NEXT MEETING: The next scheduled meeting of the Radiation Protection Commission will be held February 24, 2012 at 10:00am or sooner called by the Chair.

ADJOURN: There being no further business coming before the Commission, the meeting was adjourned @1:00 p.m.

ATTACHMENTS: Exhibits 1 through 7 as referenced in these minutes.

NOTE: Copies of the minutes are available for review in the Radiation Protection Section office at 3825 Barrett Drive, Raleigh, North Carolina. Copies may be obtained from the Section subject to reproduction charges consistent with Department Policies.
## Current Affiliates

<table>
<thead>
<tr>
<th>Company</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
</table>
| **Landauer, Inc.** | Amy Cosler  
2 Science Road  
Glenwood, IL 60425 | (708) 441-8319 |
| **Wm. B. Johnson & Assoc.** | Dick Landfried  
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| **DEQ Technical Sales** | Ray McPhillips  
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| **Ludlum Measurements** | Dwane Stevens  
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| **Bionomics, Inc.** | John McCormick  
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| **Canberra Industries** | Ron Vermilye  
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| **Chase Environmental Group** | John O'Neil / Dave Culp  
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| **Ecology Services** | Paul Marshall  
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| **Pulcir** | John Goss  
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