

RADIATION ADVISORY COMMITTEE MEETING
Minutes
June 12, 2019

Call to Order – Public Session

Donna Stevens, Chair, called the Radiation Advisory Committee (RAC) into public session on June 12, 2019 at 10:06 a.m. in Conference Room 1D of the Portland State Office Building.

Members Present:

Stevens, Donna, Chair
Bremner, DMD, Fred
Cyman, DVM, Juliana

Henrikson, Mandy, Co-Chair
Janet Franco, OHSU
Young, Scott, ODOT

OHA RPS Members Present:

Howe, David
Carpenter, Todd
Wendt, Rick
Haskins, Hillary
Tom Mynes

Lind, Lee
Brent Herring
Smith, Judy
Martin, Michelle

Absent:

Reese, PhD, Steve

Smith, Barbara, AARP

Guests

Ed Conlow, OHA, OBMI
Berry, Bob, Providence

Luck Breazeal, Oregon Imaging

Introduction of Members and Guests

Radiation Advisory Committee members, Radiation Protection Services (RPS) personnel and guests introduced themselves.

Approval of Minutes

Minutes from the February 13, 2019 RAC meeting were sent to the members for their review, prior to this meeting.

Motion

Mandy Henrikson moved, and Janet Franco seconded the motion to approve the February 13, 2019 Radiation Advisory Committee minutes as written. The motion carried unanimously.

RAC Member Reappointments

David Howe, RPS Program Director, reported on two prospective candidates to replace Janet Franco and Steve Reese's positions which expire December 31, 2019. David has already spoken with Dr. Melinda Krahenbuhl, Director, Reed Research Reactor, and Robert Berry, Nuclear Medicine Coordinator/RSO, Providence Portland Medical Center regarding possibility of their future membership. They are both interested in serving as RAC members. Robert Berry was present to introduce himself by providing his background information.

Motion

Dr. Fred Bremner moved, and Janet Franco seconded the motion to nominate Dr. Krahenbuhl and Robert Berry as candidates for referral to the OHA Director for appointment as new RAC members, effective January 1, 2020 through December 31, 2023. The motion carried unanimously.

RPS Staffing

David reported that AS1 Nic Riley has taken a new position within the Center for Health Protection (CHP) as the executive support specialist for the CHP Administrator, André Ourso. At the same time, Lee Lind has been reassigned to be the RML Administrative Specialist.

Program Updates

RPS Budget (a power point presentation is available)

Todd Carpenter, RPS Emergency Preparedness/Licensing Manager, presented the RPS 2019 budget overview. Todd mentioned that RPS derives majority of revenue from user fees (X-ray program, Tanning program, Radioactive Materials program). Additional revenue is derived from a federal contract (MQSA) and interagency agreements with the Oregon Department of Energy and Metro Recycling.

Electronic Products Program

Rick Wendt, RPS Operations/Emergency Response Manager, presented updates on the Electronic Products Program. He reported that Sensus Healthcare has a new business model for selling its skin cancer SRT-100 radiation therapy machine. Sensus has partnered with another company (SkinCure) which provides registered radiation therapy technologists to serve as machine operators for the

dermatologists who purchase/use an SRT-100 device. RPS intends to invite them to our October, 2019 RAC meeting.

Donna Stevens expressed her concern on dermatologist's formal education on treatment planning and their ability to recognize normal versus non-normal post-treatment symptoms. She also wants clarification regarding the mechanics of how the dermatologist consults with Sensus medical physicists and radiation oncologists to ensure appropriate patient treatment is taking place.

Rick shared that he has the Sensus training manual to assist our agency learn about the dermatologist manufacturer's application training program.

Rick also shared that EHS3 Brent Herring just completed the MQSA Inspectors course in Silver Spring, MD and is now our second officially certified MQSA facility inspector.

Tanning Program

Rick reported Notice of "Intent to Impose Civil Penalty" for failure to pay 2019 registration fees has begun.

Radioactive Materials Licensing

RPS Radioactive Material Licensing (RML) Lead Worker, Hillary Haskins, reported that the RML Program's recent focus has been on cross training staff; working on developing a web-based license generator; and dealing with a couple of unusual medical incidents which were still under investigations.

Hillary informed RAC that on Aug. 29th, 2019 the NRC will be conducting its Integrated Material Performance Evaluation Program (IMPEP) Periodic meeting on site with RPS staff. The Periodic meeting is a mini-audit completed at the mid-point between full four-year IMPEP reviews. RML staff have started to prepare documents for the Periodic Meeting.

RPS Trainings

Rick provided an update on RPS staff trainings including:

- Todd Carpenter, Hillary Haskins and Tom Mynes will all attend the RERO (Radiation Emergency Response Operations) in November 3-9, 2019
- Tom Pfahler completed the Transportation of Radioactive Materials. (on-line)

- Inspectors Tom Pfahler and Joe Enger will attend the Inspection Procedures course Sept. 15-20, 2019.
- Todd Carpenter will attend the Materials Control, Security Systems and Principles course Aug. 5-9, 2019 and Tom Mynes & Joe Enger on Aug. 11-16, 2019
- David Howe will attend the National State Liaison Officer's Conference Sept. 4-6, 2019.
- Todd Carpenter will attend the OAS National Meeting Aug. 19-22, 2019.
- Selected RPS staff will be instructing/attending sessions at a locally sponsored Radiation Awareness Workshop Sept. 10-11, 2019.

BREAK

Variances, Rules and Statutes/ Legislative Updates (Pending Bills)

Senate Bill 62

Rick Wendt reported that Senate Bill 62, prohibits employing a person that an employer knows, or with reasonable care should know, is not licensed by the Oregon Board of Medical Imaging (OBMI) to practice medical imaging modalities.

Senate Bill 63- PA's & NP's Supervising LXMO's Performing X-rays

Rick Wendt reported that SB 63 allows Nurse Practitioners (NP's) and Physician Assistants (PA's) to supervise Limited X-ray Machine Operator's (LXMO's) who are performing exams. RPS will have a role to define training requirements. The RPS draft rule has been developed and is available if/when needed.

Advanced Practice Registered Nurse's (APRN) Supervising Fluoroscopy Update (Handout available)

David Howe reported on Senate Bill 128 – Proposed RPS draft rule language has been developed which states “*(d) An APRN who has obtained an Oregon Board of Medical Imaging (OBMI) Limited Fluoroscopy Supervision permit may provide personal (in room) supervision to Radiologic technologists who have a permitted or temporary license from OBMI to operate fluoroscopic equipment.*”

This RPS rule language supports newly proposed OBMI rule language that delineates didactic, clinical and applications training, plus a test requirement. By completing the defined training and test, APRNs would qualify to be supervisors of licensed Radiological Technicians (RT's) performing medical procedures.

Qualifying APRN's will be issued a limited fluoroscopy supervision permit by OBMI.

Ed Conlow, OHA, OBMI, explained the rulemaking process for SB 128. Ed also reinforced the importance of the trainings and test requirements.

RAC member Dr. Juliana Cyman asked about the definition of *clinical experience*. Proposed clinical requirements will follow the "AAPM Educational Frame Work for Fluoroscopy" which is the model for mandatory APRN fluoroscopy training.

Senate Bill 283 – Wireless Technology Info Distribution

David reported that SB 283 requires OHA/RPS to conduct a review of peer-reviewed scientific studies regarding the possible harmful effects of microwave (wireless) radiation to children. That said, the current weight of scientific evidence has not established a causal link between wireless technology/devices and cancer/other illnesses, specifically with a potentially greater risk to children than adults. Passage of SB 283 will hopefully include legislative funding because RPS has limited discretionary funding to carry out this legislative mandate.

Senate Bill 444 Small Modular Reactors

This bill did not make it out of committee.

Working Lunch

Joint Commission Non-Radiologist Fluoroscopy Annual Refresher Training

The Joint Commission recently released updates on their environmental care and Human Recourses standards EC.02.04.03 and HR.01.05.03. HR.01.05.03 which create new fluoroscopy standards requiring hospitals to verify and document that individuals (including physicians, non-physicians, and ancillary personnel) who use fluoroscopic equipment have taken approved initial training and continuing education related to fluoroscopy. (This has since been withdrawn by the JC)

Gonadal Shielding (a power point presentation is available)

Rick reported that RPS is considering a Rule Change to repeal the long-standing Gonadal Shielding Requirement. Contemporary scientific studies have shown the shielding can actually cause an increased dose due to backscatter issues and the need for repeat x-rays. The American College of Radiology and American Society of Radiological Technologists recommends discontinuing the use of shielding. RAC was asked about their recommendation. Following a discussion, RAC took a vote.

Motion Fred Bremner moved, and Janet Franco seconded a motion to recommend that gonadal shielding no longer be a requirement, but that it be available if requested by patients. The motion carried unanimously.

Break

Proposed Rule Making (a power point presentation is available and handout) Todd Carpenter shared that a rules package including NRC Rule Compatibility, Industrial Rules, SB 128 OBMI-RPS Rule Making Coordination, and potential new rules, via Legislative Action will be submitted in the near future.

Emergency Preparedness and Response:

Rick reported that RPS staff participated in a Hanford Exercise on May 16 involving our field teams and on May 30, 2019 Emergency Preparedness Manager Todd Carpenter was “activated” for an ODOE Agency Operation Center tabletop exercise.

Rick also shared that RPS has made a change in its Emergency Response Reporting system. Effective May 1, 2019 individuals who need to report a radiological emergency will notify the Oregon Emergency Response System (OERS) by phoning 800-452-0311 or 503-378-6377 (for the Salem area only). OERS will then contact the RPS Duty Officer to mitigate the event.

In 2019 there have been 13 reported incidents. Most have been radioactive material medical misadministration events.

Rick reported that RPS was able to recently purchase new, light-weight air samplers, via Health Security Preparedness and Response (HSPR) funds. He gave a brief air sampler orientation to RAC members.

Drones/Rad Detectors

Tom Mynes reported that RPS also recently acquired new Drones (again via HSPR funds) for use in general emergency situations (i.e, flooding, earthquake, tsunami) and radiological emergency events. RPS could deploy the drone to define the boundaries of a radiation field and to identify specific radioisotopes, versus sending RPS Emergency Response Team (ERT) members into a potentially harmful radiation area. Two training drones (DJI Phantoms) and two radiation detection drones (one DJI Mavic 2 and one DJI Mavic 210) were purchased, plus extra batteries and high-quality controllers. Tom Mynes will now begin to develop a drone pilot training program, including adherence to FAA regulations.

Oregon joins North Carolina as the only states to have a drone program.

PHD Incident Management Team (IMT)

David reported that four RPS staff members (Rick Wendt, Todd Carpenter, Hillary Haskins and Tom Mynes) have been requested by HSPR to serve as Oregon Health Authority-Public Health Division Incident Management Team (IMT) members to manage any state-level catastrophic event. Based upon their knowledge and skill sets, members will be assigned specific roles ranging from Incident Commander, Deputy Incident Commander, or Safety Officer.

General Announcements

David shared that RAC Chairperson Donna Stevens has been awarded an AAPM Fellowship and that Dr. Steve Reese was granted full tenure as an OSU professor.

Adjournment

The meeting adjourned at 1:59 p.m.

The next meeting for the Radiation Advisory Committee is scheduled for October 09, 2019.

Respectfully,
Lee Lind