AGENDA
UNIVERSITY OF NEW HAMPshire
RADIATION SAFETY COMMITTEE
3rd Quarter Meeting 2011
September 26, 2011
3:30 pm-4:30 pm
Rudman Hall G79

1. Old Business
2. Approval of 2nd Quarter 2011 Meeting Minutes
3. Radiation Surveys
4. Dosimetry Results
5. Laser Safety
6. Training Report
7. X-Ray Report
The UNH Radiation Safety Committee (RSC) held the Third Quarterly meeting for 2011 on September 26, 2011.

Attachments:

The following members were in attendance:

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<tr>
<th>Voting</th>
<th>Non-Voting</th>
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<tr>
<td>Dr. Gale Carey, MCBS-Chair</td>
<td>Michele Arista, RSO</td>
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<td>Dr. Edward Tillinghast, Zoology</td>
<td>Jan Nisbet, Senior Vice Provost for Research</td>
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<td>Dr. Andrew Laudano, MCBS, Vice Chair</td>
<td>Bradford Manning, Director EHS</td>
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The following members were absent:

Dr. James Connell, Space Science Center, Physics

Dr. Olof Echt, Physics

Dr. Julie Simpson, Research and Integrity Services
1. **Old Business:** The amendment to add radium to the license is still pending. After consulting with Clym Environmental, it appears that the Bryce lab will be able to neutralize the acidic radium solution as a part of their protocol and pour the neutralized radium down the sink. This waste procedure is pending the States approval. The protocol for the Bryce lab to use radium is forthcoming. Michelle Scott’s lab has been decommissioned.

2. **Approval of Second Quarter Minutes:** Committee Member Tillinghast made a motion to accept the revised Second Quarter Minutes. Committee member Laudano seconded the motion, and the motion was approved.

3. **Radiation Surveys:** Third quarter radiation lab surveys are complete. Prof. Minocha received an item of non-compliance for minor contamination on a waste box. The Carey lab received two items of non-compliance, one for security, and one for minor contamination. The Denis lab received its second item of non-compliance for this year for not having a 6-month wipe test performed. Both the Carey lab and the Denis lab are in jeopardy of having to come before the committee to defend their permit status if a third item of non-compliance is received. A reminder of their status will be sent to both Authorized users. Vice Chair Laudano recommended automatic door locks. Committee member Manning suggested polling the Authorized Users to see if they wanted an automatic door lock installed to improve security. The third quarter sealed source leak tests were completed. All leak test results were minimal.

4. **Dosimetry Results:** June and August badges were delivered. April-May doses were within the ALARA limits of 10% of the regulatory limits.

5. **Laser Safety:** All laser safety surveys were performed in July. Follow up is necessary for electrical hook ups in the Kingsbury building. Alignment Standard Operating Procedures, SOPs, were completed; one lab is missing an SOP. Alignment is when the optical components are arranged and is the most hazardous use of the laser. The laser inventory has been updated. This is an important list, which may be required to be submitted to the state for registration in the future.

6. **Training Report:** A Radiation Worker training was offered on June 17, 2011. Another will be taught on October 12, 2011. The RSO attended the annual Health Physics Society meeting in Boston and a five-day course, Laser Safety Officer training. The RSO took her Laser Safety Officer certification exam, and the results are pending. The RSO will also take an Advanced Radiation Safety Officer training course from Oct 3-5, 2011. The Refresher training has begun and about 50% of the Radiation Workers and Authorized Users have taken the training. Training reminders go out weekly via e-mail.

7. **X-Ray Manual:** The new x-ray manual has been approved by the committee, distributed to x-ray Authorized Users, and posted on the EHS web site. Dr. Sarah Proctor proposes a new x-ray machine for the veterinary program. This machine will be used for teaching procedures on cats and dogs. Dr. Proctor will proceed with a shielding review by medical physicist Joseph Blink and the report will be send to the
State of NH Radiological Health section. The x-ray unit will be registered with the State once it arrives and the x-ray manual will be sent to Dr. Proctor. The IACUC has already approved her protocol.

8. **Other Business:** Prof. Drugan has resigned from the committee and Prof. Tillinghast has joined the committee for a three-year term. Everyone welcomed Prof Tillinghast.

9. Committee member Tillinghast made a motion to adjourn the meeting at 4:20 pm and Committee Member Laudano seconded the motion. RSC members voted for the motion to adjourn, and the motion passed.