AGENDA
UNIVERSITY OF NEW HAMPSHIRE
RADIATION SAFETY COMMITTEE
3rd Quarter Meeting 2010
September 24, 2010
11:00 am– 12:00 am
Rudman Hall: Room G79

1. Old Business

2. Approval of 2nd Quarter 2010 Meeting Minutes

3. Survey and Leak Test Results

4. Dosimetry Results

5. Laser Safety

6. Training Report
The UNH Radiation Safety Committee (RSC) held the Third Quarterly meeting for 2010 on September 24, 2010.

Attachments:

The following members were in attendance:

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<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. James Connell, Space Science Center, Physics</td>
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<tr>
<td>Dr. Andrew Laudano, MCBS, Vice Chair</td>
<td>Bradford Manning, Director EHS</td>
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<td>Dr. Julie Simpson, Sponsored Research</td>
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The following members were excused:

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<td>Dr. Olof Echt, Physics</td>
<td>Jan Nisbet, Senior Vice Provost for Research</td>
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Chair Gale Carey brought the meeting to order at 11:00 am.

Old Business: An Internal Operating Procedure, IOP was sent to Authorized Users and posted on the EHS web page. X-Ray training was offered in addition to Radiation and Laser Safety training. People are not taking it so far. Chair Carey agreed to write a letter to encourage X-Ray users to take the training. The RSO discussed the need to replace Prof. Drugan while he is on sabbatical for one year. The Committee recommended Prof. Tillinghast as a temporary replacement for Prof. Drugan for one year.

1. Approval of Second Quarter Minutes: Committee Member Laudano made a motion to accept the revised First Quarter Minutes. Chair Carey seconded the motion and the motion was approved.
2. Radiation Safety
   a. Lab Surveys for 3rd quarter were completed by the RSO. There was one item of non-compliance, drinking in the lab, in the Tagliaferro lab. The report was sent to the Department Chair as well as the Authorized User. Chair Carey recommended the installation of a small shelf in the hallway outside radiation labs as a location for drinks outside the lab. These shelves would be similar to those installed on the 3rd floor of Kendall. The RSO agreed to poll the Authorized Users to see who would like a shelf.
   b. The Lesser lab has been terminated as a radioactive lab. Prof. Lesser will keep lab 225 in Rudman as a non-radioactive lab.
   c. The sealed source results are in and no contamination was found.
   d. An unsealed source inventory was collected for Nov 1, 2009-May 1, 2010.
   e. Clym Environmental is scheduled to perform surveys and an annual audit on Oct. 18-20.<sup>th</sup>
   f. Two liquid scintillation vial drums will be shipped this Friday. These contain deregulated vials of H-3 and C-14. The radioactive waste room has been organized and all paperwork has been checked for quality assurance.
3. Dosimetry Results: Annual dosimetry reports were mailed, and showed no ALARA 1 doses, or doses above 10% of the limits. New badges were delivered on August 1st.
4. Laser Safety:
   a. The RSO created a new laser inspection form for July and all laser forms were posted on the EHS web page.
   b. Laser surveys were completed in July, 2010.
   c. Laser curtains were installed in the Hersman and Echt labs this week. The laser safety curtains for Prof. Pe’eri’s lab in CCOM have been ordered and will be ready for installation next week.
d. The RSO collected technical specifications on all lasers. A new software program was purchased to calculate Nominal Hazard Zones and ODs for laser safety eyewear.

e. A new laser operator training was posted on Blackboard for this Fall. This update includes the new seven categories of lasers from the last ANSI standard.

f. Electrical connections may still be needed and possibly twist lock receptacles to connect Class 4 lasers to the Laser–in-Use light. The RSO will look into this project.

5. **X-Ray:** The Krzanowski lab moved to Hewitt Annex, and surveys found no leakage of x-rays after the move.

6. **Training Report:** Radiation Worker trainings were completed in August. UNICO employees working in science buildings were trained in Radiation Awareness in August. All Radiation, Laser, and X-Ray trainings were posted on Blackboard, and users were requested to take the training. The RSO will take a Laser Safety Officer refresher course at Massachusetts Institute of Technology in October, 2010.

7. **Committee member Laudano made a motion to adjourn** the meeting at 3:30 pm and Committee Member Connell seconded the motion. RSC members voted for the motion to adjourn and the motion passed.

8. The RSO met with Jan Nisbet to review the Minutes of the 3rd quarter meeting on November 17, 2010.