AGENDA
UNIVERSITY OF NEW HAMPSHIRE
RADIATION SAFETY COMMITTEE
First Quarter Meeting 2010
March 12, 2010
10:00am– 11:30am
Rudman Hall: Room G79

1. Old Business

2. Approval of 4th Quarter 2009 Meeting Minutes

3. Survey and Leak Test Results

4. Dosimetry Results

5. Decay-in-Store sealine container is ready

6. Training Report

7. Amendments
   a. New Chair, Vice Chair and Member and Removal of RV Challenger-approved
   b. Decommissioning Funding Plan Update- pending

8. X-Ray Diffraction Inspection March 17, 2010
The UNH Radiation Safety Committee (RSC) held the First Quarterly meeting for 2010 on March 12, 2010.

Attachments:
None.

The following members were in attendance:

<table>
<thead>
<tr>
<th>Voting</th>
<th>Non-Voting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Gale Carey, MCBS-Chair</td>
<td>Michele Arista, RSO</td>
</tr>
<tr>
<td>Dr. James Connell, Space Science Center, Physics</td>
<td>Dr. Julie Simpson, Sponsored Research</td>
</tr>
<tr>
<td>Dr. Robert Drugan, Psychology</td>
<td>Bradford Manning, Director EHS</td>
</tr>
</tbody>
</table>

The following members were excused due to illness:

<table>
<thead>
<tr>
<th>Voting</th>
<th>Non-Voting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Andrew Laudano, MCBS, Vice Chair</td>
<td>Dr. Olof Echt, Physics</td>
</tr>
</tbody>
</table>
Chair Gale Carey brought the meeting to order at 10:00 am.

Old Business:

a. The security project is complete. Those labs identified as needing a lock for stock solutions have added a lock to their refrigerator or freezer.

b. The Committee discussed the possibility of having an alternate for Jan Nisbet when she cannot attend meetings. Committee member Brad Manning said this was not approved by the State in the past. For the last meeting that Jan Nisbet was unable to attend we had a follow up meeting. Jan Nisbet agreed to contact the Commissioner of Health and Human Services to ask for assistance. The RSO will contact the RSO at Dartmouth, Mr. Ong or the EHS director, Michael Bailey for advice on this matter.

c. The Final Survey for the Parsons decommissioning project was approved by the State.

d. All nineteen permits which were submitted for renewal were approved for 2010. Training was required and completed by all Authorized Users prior to approval.

2. Approval of Fourth Quarter Minutes: Chair Carey made a motion to accept the revised Fourth Quarter Minutes. Committee members Drugan accepted the motion and Committee Member Connell seconded the motion. The motion was approved.

3. Survey and Leak Test results: The first quarter surveys are completed.

a. One lab was found with coffee and food wrappers in the lab. A violation was issued to the Tagliaferro lab for drinking and eating in the lab. Committee member Drugan suggested writing a letter to Prof. Tagliaferro and copying our procedure on items of non-compliance and their progressive consequences.

b. Some labs did not have “use inventories” but this was corrected right away. All wipe test results were within background levels.

4. Dosimetry Results: December/January badges showed no doses above ALARA limits or 10% of the State regulated limits. The hall dosimeters around the Ryan labs were all minimal. The annual dose for one of the hall dosimeters remained at 108 mrem, just over the annual public dose limit. Committee member Connell pointed out that one would have to stand next to the hall monitor continuously to receive the 108mrem for the year, so the hall monitor does not adequately reflect a public dose. The RSO issued a violation for the 108 mrem dose. Jason Legere of the Ryan lab has changed his procedure to move the Cf-252 source further into the 3rd floor lab and away from the hall dosimeter. Committee Member Connell noted that the Cf source was now a year older and half of its original activity. This should also keep the hall dose low.

5. Decay-in-Store Sealine Container: The large sealine container for radioactive waste, in the Parsons parking lot is set up with heat and electricity and is now utilized for storage of waste with a half-life of less than 90 days.
6. **Training Report:** The RSO completed a Radiation Worker training in February as well as Radiation Awareness training for the Tsang and Slifer/Echt student labs. Tim Colonin informed the RSO that UNICO housekeeping employees were assigned to the Morse and James buildings. A Radiation and Laser Awareness training was given to the UNICO employees including the instruction that the Ryan lab does not allow housekeeping in their 3rd and 4th floor labs without an invitation.

7. **Amendments:**
   a. The last amendment pending with the State RHS, radiological Health Section was to approve Committee member Gale Carey as the Chair, Andrew Laudano as the Vice Chair and Prof. Olof Echt as a new committee member. The amendment also was to remove the RV Gulf Challenger from the license, since it has been decommissioned and to amend the RPP. All of the changes were accepted and Gale Carey’s name will be added to the broad scope license as Chair of the Radiation Safety Committee.
   b. A new amendment was submitted to the State RHS for an updated Decommissioning Funding Plan. This plan estimates the total cost of decommissioning for the university if it were to stop using radioactive materials. Clym Environmental rewrote the plan taking into consideration that Parsons Hall was just decommissioned and the cost of travel expenses has gone up. The new estimate went down to $727,000. A letter of intent to pay this estimate was signed by Jan Nisbet; no bond is required.

8. **X-Ray Diffraction Inspection:** The State RHS will inspect our X-Ray diffraction program on March 17, 2010. All postings and Standard Operating procedures have been reviewed by the RSO prior to the inspection.

9. **Gale Carey made a motion to adjourn** the meeting at 10:40 am and member Connell seconded the motion. RSC members voted for the motion to adjourn and the motion passed.