1. Old Business:

2. Approval of 3rd Quarter 2015 Meeting Minutes

3. Radiation Safety and Annual Report

4. Dosimetry Results

5. Laser Safety

6. X-Ray Safety

7. Training Report

8. Uranyl Nitrate

9. New Permit Application
The UNH Radiation Safety Committee (RSC) held the Fourth Quarterly meeting for 2015 on December 15, 2015.

Attachments: Kai Ziervogel Permit application
Annual Report

The following members were in attendance:

<table>
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<tr>
<th>Voting</th>
<th>Non-Voting</th>
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<tbody>
<tr>
<td>Dr. Olof Echt, Physics, Chair</td>
<td>Michele Arista, RSO</td>
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<tr>
<td>Dr. James Connell, Physics and Space Science</td>
<td>Julie Simpson, Research Integrity Services</td>
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<td>Dr. Stacia Sower, MCBS</td>
<td>Bradford Manning, Director of EHS</td>
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<td>Dr. Thomas Foxall, Biological Sciences</td>
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<td>Dr. Martin Wosnik, Mechanical Engineering</td>
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Chair Olof Echt brought the meeting to order at 2:04 pm.

1. **Old Business:**
   - none

2. **Approval of third Quarter 2015 Minutes:**
   - Committee Member Sower made a motion to accept the revised third Quarter 2015 Minutes. Committee member Connell seconded the motion, and the motion was approved.

3. **Radiation Safety:**
   - An annual report was created by Clym Environmental. There were no items of non-compliance. This is the best annual report we have ever received from Clym.
   - Ten H-3 and C-14 waste drums were shipped out for permanent disposal by Clym Environmental.
   - The radiation, and magnet labs were surveyed by Clym Environmental in Oct. 2015. There were no items of non-compliance.
   - The 6 month leak tests and inventory were completed for all the sealed sources by Clym Environmental. The results showed no leakage.
   - Internal Operating Procedures, IOP for items of non-compliance were updated and posted on the web for radiation and laser. The RSO made it clear that it is an item of non-compliance if one does not complete training by the deadline.
   - The Berlinsky and Foxall permits were terminated voluntarily.
   - Rudman 146A and Kendall 309 were thoroughly wipe tested and surveyed. The RSO asked the State of NH to do a confirmatory survey before it can be released for construction.
   - The RSO has an amendment awaiting approval by the State of New Hampshire, Radiological Health Section to make committee member Connell the Vice Chair of the Radiation Safety Committee.
   - A new web site was created for magnet safety with Karrie Myer’s help. Karrie is our new CEMS Coordinator. The RSO asked the supervisors of our superconducting magnets to create an SOP. Karrie also created a new magnet registration in CEMS and populated it.

4. **Dosimetry Results:**
   - Aug/Sept badges were well within Alara limits or 10% of the regulatory doses.

5. **Laser Safety:**
• Clym Environmental surveyed the laser labs in Oct. 2015. The White lab received an item of non-compliance for not completing training on time. Prof. White completed his training within 30 days as our Internal Operating Procedure dictates.
• New CEMS signs have been posted to correspond to the new ANSI Z136.8 standard.
• A new Generic Form for laser inventory was created by Karrie Myer. The RSO will be populating the inventory with much more data than was previously in CEMS, for instance the spatial orientation of the beam and the optical density of the eyewear will be recorded. This information will be available to people in CEMS.

6. X-Ray Safety:
   • X-ray surveys were performed by Clym Environmental. There were no items of non-compliance.

7. Training Report:
   • The RSO attended the Laser Safety Officer training in Lowell, MA. Radiation Worker trainings were performed on Nov. 20, 2016 and Dec. 3, 2016.
   • On-line refresher training is complete for 2015. We achieved 100% compliance.

8. Uranyl Nitrate:
   • Uranyl Nitrate is unregulated but is a mixed waste when it is time to dispose of it. We currently have a few bottles and the RSO picked up every bottle designated in CEMS. The RSO asked how should we prevent buyers from purchasing uranyl nitrate in the future. Committee member Sower suggested writing a letter to CEPS and COLSA deans and managers.

9. New Permit Application:
   • Kai Ziervogel submitted a permit application to use H-3. The committee voted and the Ziervogel permit was approved.

10. Committee Member Foxall made a motion to adjourn the meeting, and Committee Member Connell seconded the motion. Committee members voted for the motion to adjourn, and the motion passed at 2:55 pm.