

**The University of Western Ontario  
Radiation Safety Committee Meeting**

Minutes of the Meeting  
Monday, October 29, 2007  
2:30 pm to 3:30 pm

Room 292 Stevenson Lawson Building

**Present:** Dr. Stanley Dunn, Dr. Elizabeth Hampson, Wilbert Logan, Michael Mosley, Dr. Clara Wren, George Qubty, Dr. Brock Fenton, Dr. Lars Konerman, Hoa Ly, Valerie Smith

**Regrets:** Dr. Gerald Kidder, Dr. Peter Chidiac, Dr. Peter Simpson, Dr. Charles Wu, Tony Hammoud, Dr. Michelle Mottola, Ron Noseworthy

**1. Approved of Minutes of June 28, 2007**

**Motion:** B. Fenton E. Hampson  
All in favour  
Minutes approved

**2. Business from Previous Meeting**

**2.1 Integration of Robarts Research Institute with Western (V. Smith & H. Ly)**

- X-ray and laser safety programs have been implemented at Robarts. A total of five X-ray permits and six laser permits were issued to the principle investigators. One laser permit is pending.
- Radiation, X-ray and laser safety initial inspections have been completed. Thank you to Ron Noseworthy for his assistance in the initial inspection process.

**3. New Business**

**3.1 Gamma Irradiators (G. Kidder & H. Ly)**

This item will be tabled at the next meeting.

**3.2 Update on Radiation, X-ray and Laser Safety Programs (H. Ly)**

- No nuclear energy worker or X-ray worker received a radiation exposure that exceeded the UWO action levels or regulatory limits
- No nuclear energy worker required thyroid monitoring.
- On August 16, 2007, a nuclear energy worker reported one incident involving a leakage of liquid radioactive waste inside the radioactive waste pail. There was no spill over any objects or people at the time. The radioactive waste was contained and kept behind the shield for decay.
- H. Ly shared a new radioactive warning sign that has been developed by International Atomic Energy Agency (IAEA) to be used for very high activity of radiation sources. However, the CNSC has not given any instructions to the UWO regarding the new radioactive warning sign.

- Each radiation permit holder is required to report the total activity of each unsealed nuclear substance in their possession as of November 30, 2007 to H. Ly for the CNSC annual compliance report. H. Ly will send a report template to each radiation permit holder by November 13, 2007.
- H. Ly provided a breakdown of permits and designated rooms for radiation, X-ray and laser as of October 29, 2007:
  - 77 radiation permits and 133 nuclear substance rooms
  - 16 X-ray permits, 19 X-ray rooms and 33 X-ray machines
  - 28 laser permits, 35 rooms and 82 lasers
- Few radiation and laser permits were received C grade (below requirements) during the internal inspections. H. Ly will provide inspection report graphs at the next meeting.

#### **4. Other business**

#### **5. Closing**

**Motion to Adjourn:**

Chair S. Dunn adjourned meeting at 3:15 p.m.

All in favour