



**Radiation Safety Committee
Minutes of October 30, 2012
3:00 pm to 4:00 pm
Medical Science Building Room M346**

Attendance: Dr. Jack Millar, Dr. Peter Chidiac, Dr. Stanley Dunn, Dr. Lars Konermann, Dr. David Litchfield, Dr. Eric Savory, Hoa Ly, Ron Noseworthy, Shauntel Seaton

Regrets: Dr. Roberta Flemming, Dr. Elizabeth Hampson, Dr. Earl Noble, Dr. Peter Simpson, Tony Hammoud, Michael Mosley, Jane O'Brien, Jaime Whitty

1.0 Approval of Minutes of July 6, 2012

“Sources” in item 1.0 of the minutes was corrected to read “source”.

Dr. Eric Savory was added to the list of regrets

Motion: Dr. Peter Chidiac Dr. Eric Savory

All in favour, minutes approved.

2.0 New Business

2.1 Internal Inspection Reports

H. Ly presented the committee with the inspection report for 2012. This report included data from 2011 and 2010. Since 2010, there has been a decrease in the number of deficiencies that produced results that were “Below requirements” in terms of Radiation Safety. This produced 96% compliance in 2012. There has been a significant improvement in the area of Laser Safety since the program was implemented in 2008. As a result, there has been a decrease in non-compliance issues since 2010 leading to 0% non-compliance in 2012. In the area of X-Ray safety, there was 16% non-compliance in 2010 and 6% non-compliance in 2011 and 2012.

From the deficiency report for Radiation Safety there are no longer any problems with radioactive standards. There has also been an improvement in access control in individual labs. Also, since the requirement for refresher training has changed from

completion every 2 years to every 3 years, there has been no training completed in 2012. For laser Safety, there were problems involving blocking curtains/barriers. This arose from the relocation of lasers and the delay in getting the curtains/barriers installed in the new locations. For X-ray Safety, there was one issue involving leakage at Robarts. The machine operator was at a safe enough distance for the leak to be of minimal risk

All the deficiencies shown in the report have been corrected.

2.2 Comments on CNSC Safety Culture for Nuclear Licensees Document

The CNSC is looking to build a safety culture in facilities with high risk licenses such as nuclear power plants. They are looking for input from those on the committee relating to how this can be achieved. These comments can be forwarded to H. Ly or sent directly to the CNSC.

2.3 Update on Radiation, X-ray and Laser Safety Programs

The annual compliance report must be sent to the CNSC by December 31st. H. Ly will be requesting inventory reports from all the permit holders so that this information can be included in the compliance report. He will also be submitting the Exposure Reports from the previous year.

H. Ly has also proposed that Laser Safety Awareness training be set up on the Human Resources website. It will be a similar format to the Radiation Safety awareness course already in place. The training will be for any individuals working in or visiting the lab but who will not be operating the laser.

Two university employees working with I-125 received thyroid scans from University Hospital that produced results above the action level for the University. After they were scanned a second time, the scans produced "zero" results. Investigations were performed as to the source of the anomalies. The results of the investigation must be included in the CNSC annual report.

All documents have now been updated in response to the University's recent rebranding.

3.0 Adjournment

Motion: Dr. Stanley Dunn Dr. Eric Savory

The meeting was adjourned at 3:45 pm.