Appendix 8

Radiation Safety Training - Individuals Working in Restricted Areas

Initial training will be provided to all faculty, staff and students who will use or may come in contact with radioactive material, sealed and unsealed (Hydroprobe, gas chromatograph, etc.).

The initial Radiation Safety Training will involve a Radiation Safety Orientation. The orientation will include, but is not limited to, the following topics:

> Risks, external hazard analysis, internal hazard analysis, pregnancy guideline, sensitivity of the fetus, film badge, ring badge, urine bioassay, thyroid uptake, decontamination, lab rules, Notice to Employees, explanation of radiological terms e.g., physical half life, radioactivity, rad, rem, alpha, beta, gamma, curie, emergency procedures, etc.

A radiation safety orientation form is used to record the names of those in attendance of the orientation. An example of this form may be found in Appendix 21.

Annual follow-up training will occur by any one of four methods:

1) Repeating the Radiation Safety Orientation,

2) Viewing specified training videos,

3) Attending special seminars,

4) Newsletters that have been read, understood and signed (initialed) and filed for later perusal.

If required by the Radiation Safety Committee or the Radiation Safety Officer, the Radiation Safety Office staff (excluding students) will observe a "cold run" prior to the use of radioactive material by the authorized user.

If anyone desires to be reactivated as an authorized radiation worker and:

1) The initial Radiation Safety Orientation Training with a passing test was completed more than three years ago and;

2) They did not receive the Radiation Safety Newsletter on a quarterly basis, consecutively for the three years prior to reactivation . . . MUST reattend the Radiation Safety Orientation but will not be required to retake the test.

3) They have maintained their authorized radiation worker status as described in the previous statement will not be required to have additional training.