

APPENDIX E

Personnel External Exposure Monitoring Program

PROGRAM

1. The Radiation Safety Officer (RSO) will review, sign and date all exposure reports at least every three months to look for workers or groups of workers whose exposure is unexpectedly high or low. This procedure does not apply to backup monitor records; for example, pocket ionization chambers, when the monitor of record is a film badge, thermoluminescent dosimeter (TLD), or optically stimulated luminescent dosimeter (OSLD).
2. All individuals who are occupationally exposed to ionizing photon radiation on a regular basis will be issued a film, TLD, or OSLD whole body monitor that will be processed by a contract service on a monthly basis for film badges or quarterly basis for whole body TLDs and OSLDs.
3. All individuals who, on a regular basis, handle radioactive material that emits ionizing photons will be issued a film, TLD, or OSLD extremity monitor that will be processed by a contract service on a monthly basis.
4. All individuals who are occupationally exposed to radiation in excess of 500 mrem in a year, such as nurses caring for radiopharmaceutical therapy or implant patients, or entering a high or very high radiation area (64E-5.315, F.A.C.) will be issued a whole body monitor when caring for such patients.
5. Individuals who are exposed to radiation on an occasional basis are not normally issued exposure monitors. Examples of these individuals are: security personnel who receive or deliver packages; secretarial personnel who work in the nuclear medicine clinic but do not work with patients; and nurses who occasionally care for patients who have received diagnostic dosages.
6. All personal dosimeters will be processed and evaluated by a dosimetry provider holding NVLAP accreditation.

RECORDS

1. For each individual who is likely to receive in a year an occupational dose requiring monitoring the facility will determine the occupational radiation dose received during the current year and attempt to obtain the records of lifetime cumulative occupational radiation dose.
2. We will prepare for employee requiring personnel monitoring a report of the radiation exposure data for each affected individual and the results of any measurements, analyses and calculations of radioactive material deposited or retained in the body by the individual. This report will include data and results obtained as required by section 64E-5.903.
3. We will provide to each employee requiring personnel monitoring an annual report of the workers exposure to radiation as required by the section 64E-5.903. Records will be maintained for 3 years that indicate these reports were furnished to each employee.
4. Upon termination of an employee requiring personnel monitoring, a written report of the worker's exposure to radiation at this facility will be mailed to the last known address of the employee. This report will be furnished to the former employee within 30 days of termination of the employee or within 30 days after the exposure of the individual has been determined by the facility, whichever is later. This report will cover each calendar quarter in which case the employee's working activities involved the exposure to sources of radiation and shall include dates and location of work under the license in which the worker participated. Records will be maintained for 3 years that indicate these reports were furnished to each employee.

Page Left Blank Intentionally