

Western University Notification of Nuclear Energy Worker Status



Western University is committed to the health and safety of its employees. To this end, in the Radiation Safety program, the University informs all those working with nuclear materials including nuclear substances, radiation devices or class II prescribed equipment as Nuclear Energy Workers (NEWS). In accordance with the Nuclear Safety and Control Act and Regulations of Canada, the University is required to inform such NEW status if there is a reasonable probability of an individual receiving a radiation dose (effective dose) greater than the dose limit for the general public (1 mSv per year for the whole body). The radiation dose is tracking by the National Dose Registry maintained by the Radiation Protection Bureau of Health Canada of each workers lifetime exposure to radioactive material.

Western is committed to taking every reasonable precaution, as is practical, to maintain the radiation exposure of all Nuclear Energy Workers, staff, students and the public to ALARA, (As Low As Reasonably Achievable).

As a Nuclear Energy Worker you must be aware of the following critical radiation levels:

- ¾ Natural background levels: 2.0 –3.0 mSv/year
- ¾ Typical occupational level: 0.2-1.0 mSv/year
- ¾ Effective dose limit: (a) One-year dosimetry period: 50 mSv (b) Five-year dosimetry period: 100 mSv. The average is 20 mSv/year in five year period
- ¾ Action level of effective dose: 2.0 mSv/year (any value greater than this must be investigated and reported to the CNSC)

You must also be familiar with the following documents, which are provided to you:

1. The appl
