



Effective February 1, 2016

NUCLEAR ENERGY WORKER DESIGNATION (Female)

As required by the Radiation Protection Regulations of the Canadian Nuclear Safety Commission, this information is being provided to all staff designated as "Nuclear Energy Worker". The regulation requires the University to designate users of nuclear materials as "Nuclear Energy Workers" if there is a reasonable probability of receiving an effective dose greater than that allowed to members of the general public (1 mSv per annum whole body).

EFFECTIVE DOSE RATES FOR NUCLEAR ENERGY WORKERS GENERALLY:

Effective dose limits for Nuclear Energy Workers, including a pregnant nuclear energy worker, are 50 mSv for any one-year dosimetry period, but must not surpass 100 mSv for any 5 year dosimetry period.

EFFECTIVE DOSE RATES FOR PREGNANT NUCLEAR ENERGY WORKERS:

A pregnant nuclear energy worker must not receive an effective dose of greater than 4 mSv for the balance of the pregnancy. The balance of the pregnancy is defined as "the period from the moment a licensee is informed, in writing, of the pregnancy to the end of the pregnancy".

A female Nuclear Energy Worker, on becoming aware that she is pregnant, must notify the permit holder and Radiation Protection Service immediately in writing. The licensee shall make any reasonable accommodation to maintain effective doses As Low as Reasonably Achievable (Radiation Protection Regulations, Section 11).

The University of Toronto stresses adherence to the ALARA policy of maintaining doses As Low As Reasonably Achievable. All radiation programs are directed towards your safety, ensuring that the potential for exposure is minimized.

The following documents are provided for your information:

- Summary of the information regarding dose limitations (Radiation Protection Regulations)
- Health Physics Society Position Statement on Radiation Risk in Perspective
- Canadian Radiation Protection Association Statement on Radiation Risk.

The Radiation Protection Service is available to answer any questions which you may have.

- Senior Radiation Protection Officer 416-978-2028
- Health & Safety Officers 416-978-6846, 416-946-3265
- Director of Environmental Health and Safety 416-978-5943

I have read the information provided regarding my designation as a Nuclear Energy Worker, as defined by the regulations. I understand the risks, my obligations, and the radiation dose limits that are associated with being designated a Nuclear Energy Worker.

I confirm my acceptance of this designation.

Print Name: _____ Department: _____

Signature: _____ Date: _____

Approved by Radiation Protection Service:

Signature: _____

Print Name: _____ Date: _____