

Occupational Dose Limits

- ❖ **5 rem per year** Total Effective Dose Equivalent (TEDE) for adults

TEDE = Deep Dose Equivalent + Committed Effective Dose Equivalent

or, in plain language

Total Dose = External Dose + Internal Dose

- ❖ **50 rem per year** Committed Dose Equivalent to any single organ

(for example a dose to the thyroid from an uptake of iodine)

- ❖ **15 rem per year** lens of the eye

- ❖ **50 rem per year** skin dose or dose to the extremities

- ❖ Dose to the Embryo/Fetus of Declared Pregnant Females (Occupational)

Applies only to workers who have voluntarily declared their pregnancy

500 mrem during the entire pregnancy

Must be evenly distributed

Includes internal doses

Dose Limits for Members of Public

- ❖ 100 mrem per year TEDE (includes internal and external doses)

- ❖ Does not include the dose from disposal of radioactive material into sanitary sewerage as allowed by the Rules

- ❖ The dose in any unrestricted area from external sources does not exceed 2 mrem in any one hour