## INJURIES KNOWN TO HAVE OCCURRED FROM OVER-EXPOSURE TO UNCONTROLLED IONISING RADIATION IN MAN.

Note: -	X	indicates that the effect arises more commonly from internal over-deposition of short-range particle emitting substances.
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SKIN Single exposures. Redness, blistering, baldness, ulceration, scarring, cancer.

Repeated exposures. Redness, skin thinning, baldness, pigmentation, over-thickening, ulceration, camer formation.

EYES Lens opacities (cataracts); eye surface burns.

BONE Bone cells proper. # Inflammation; cell death; bone cancer (sarco:

Bonc marrow cells.

(blood-forming)

\*\* Reduction of white cells or red cells in circulation. Failure to form new blood, Cancer or malignant overgrowth of blood.

Lungs and Bronchi. Fibrosis of lung; cancer of bronchial colls or lung.

GENITALS Reproductive cells. Temporary or permanent sterility or reduced fertility. Hereditary changes in later generations due to chromosome and gene changes (in animals, not yet seen in man).

OTHER ORGANS Thyroid, Liver, M Cell scarring; loss of function; cell death; malignant (cancerous) changes.

Lymphoid tissues. Reduction of lymphoid cells in blood.

Overgrowth of lymph tissues in lymph glands.

Cancer of lymph glands.

General tissues. Premature ageing.

ATOMIC

BOMB Single rapid very Radiation skin burns. Acute radiation vomiting and sickness. Hacmorrhages and anacmia. Sterility or miscarriages. Prolonged wasting and death.