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General Comment

Do not raise the limits. The long-term pollutants will raise the "background radiation" and then there will be more released because it is "only ___% above background". Who are these evil beings who are influencing the NRC to raise limits?

I've seen the point raised about tritium that "the radiation doesn't penetrate the outer layer of dead skin". A trick statement because while possibly true, THE TRITIUM ATOM ITSELF WILL DIFFUSE INTO THE BODY THROUGH THE SKIN or lungs, thereby being in contact with living cells which the radiation does penetrate.

"Biological
Effects.

Tritium contamination and airborne radioactivity are biological hazards. If you breathe tritium oxide (tritiated water vapors) or if it contacts your skin, the tritium will be absorbed by your body. Studies have shown that a person exposed to an atmosphere containing tritiated water vapor

will
absorb
about one-third to
one-half
as
much
tritium
through the skin
as
via
inhalation

(i.e.,
one-third
through the skin and
two-thirds
via
inhalation).

Therefore,

release

of

tritium

into a

closed

space

may

constitute

an

internal hazard.

Tritium distributes

equally

among

all

body

fluids because these fluids

contain

water.

A

whole

body radiation dose

results since soft

tissues

make

up about 90

percent

of

the

body. " <http://tacsafe.net/resources/Radiation/TritiumInRadioluminescentDevices.pdf>