Radiation Risks Change with Exposure
This slide shows the dependence of the probability of various radiation biological effects occurrence on the radiation dose.

The graph indicates that than the dose is higher so greater the probability of systemic violations occur.

The range of possible effects increases with increasing dose.

At increase doses the probability of each of the biological effect occurrence decreases.
The slide is important to understand the radiation risk because of:

1) provides a visual representation that the risk depends of dose- nonlinear;

2) shows that radiation risk is not equivalent to the risk of a particular disease appearance;

3) radiation risk is the integral value, and requires a complex mathematical model.

This slide yields the most complete picture of the effect depends on the radiation dose.