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Linear No-Threshold Model and Standards for Protection Against Radiation

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General Comment

Please reject the radiation hormesis model.

Scientific observations of nuclear plant workers and other prolonged low dose exposures to date have pointed to the conclusion that no amount of ionizing radiation can be considered safe.

To quote the BEIR committee, which does not answer to any government, "A comprehensive review of the biology data led the committee to conclude that the risk would continue in a linear fashion at lower doses without a threshold and that the smallest dose has the potential to cause a small increase in risk to humans. (National Research Council, 2006)"

- referenced http://bos.sagepub.com/
Bulletin of the Atomic Scientists

These and other studies of occupationally exposed workers cited in the afore mentioned Stanford University bulletin supports a conclusion that the linear no-threshold model should be maintained, especially since most exposure of at-risk people would occur over a long period of time and not in an acute one-time release such as what happened at Chernobyl or Fukushima.

As a concerned citizen I urge you to err on the side of caution and keep the Linear No-Threshold based guidelines currently in place.

Attachments

Materials LNT Origins - Jan Beyea Bulletin of the Atomic Scientists