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Linear No-Threshold Model and Standards for Protection Against Radiation

Comment On: NRC-2015-0057-0010

Linear No-Threshold Model and Standards for Protection Against Radiation; Notice of Docketing and Request for Comment

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Submitter Information

Name: Anonymous Anonymous

General Comment

The linear no threshold model is valid because of three reasons: the toxic effect of radiation is cumulative with exposure dose over a lifetime, is greater for organisms during critical developmental stages, and radioisotope concentrations bioaccumulate many orders of magnitude as they are distributed up the food chain to the pinnacle position that humans claim. To reason a departure from this established scientific standard, is sheer folly. To do so for appearances to the public, or for political reasons is nothing less than anti-science and will create the opposite effect desired. Instead of quelling panic, this change is likely to increase public mistrust of government, and increase a feeling of unease in the face of multiple past and ongoing nuclear releases to the biosphere, which deserve the public's concern.