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Submitter Information

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General Comment

I am led to understand that the hormesis model holds that low levels of radiation exposure are in fact beneficial. This is obviously absurd since molecular modifications due to even a single impact are highly apt to be deleterious, not beneficial. This flies in the face of everything scientists have previously ascertained about radiation toxicity (e.g. Union of Concerned Scientists) and documented in studies showing increased rise in various cancers and genetic mutations in newborns experienced by those who have been exposed to radiation through nuclear bombs, nuclear testing, radiation accidents at power plants such as Chernobyl, Three Mile Island and Fukushima and those living nearby nuclear power plants where the incidence of leukemia and thyroid cancer is remarkably higher than the rest of the population (Pilgrim Nuclear Power Station). Shifting to the hormesis model would require convincing epidemiological evidence, something that is not likely to be available any time soon, if ever.

Exactly who is proposing the hormesis model and what ties do they have to the nuclear industry and the military industrial complex? The public deserves irrefutable proof that low levels of radiation exposure are beneficial and that we should trust that the Linear No-Threshold Model should be abandoned in favor of the hormesis model. The entire proposal is outrageous and appalling!