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Linear No-Threshold Model and Standards for Protection Against Radiation

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Linear No-Threshold Model and Standards for Protection Against Radiation; Extension of Comment Period

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Comment on FR Doc # 2015-20722

Submitter Information

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General Comment

It would be difficult to justify the use of the hormesis model which posits that radiation risk is not a function of exposure. I am told that the hormesis model in fact 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 absurdity is even more apparent when one considers the challenge of genetic engineering procedures, in which there is considerably greater control of the process than there is in exposing workers and populations to radiation. Shifting to the hormesis model would require convincing epidemiological evidence, something that is not likely to be available any time soon, if ever.