

# PUBLIC SUBMISSION

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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; Notice of Docketing and Request for Comment

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## General Comment

Good Afternoon,

Due to experience with cosmic radiation dose rates, I strongly support removing the LNT and replacing it with hormesis or some threshold.

There is significant data now to support hormesis or at least take LNT off the regulations and books. LNT will cost lives, money and time if we have a serious radiological crisis. Exhibit A was the panicked Californians after Fukushima. They were never at risk, but still had a significant psychological burden because IAW LNT, any dose (however small) is bad.

It seems pretty clear that human beings can tolerate dose rates of 5 uSv/hour for hours at a time (air travel). The residents of Ramsar, Iran have lived generationally at 0.2 Sv/year. We could shift the regulations from LNT to Linear with Threshold (LWT) or even hormesis to save lives, time and money.

With thanks,

Aaron Miaullis, CHP