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# PUBLIC SUBMISSION

**Docket:** NRC-2015-0057

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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## General Comment

As a registered nurse and medical professional, the hormesis model goes against current science on the affect of ionizing radiation on living tissue, organs, organisms and most importantly, we human beings. A single particle of ionizing radiation can disrupt the cell growth cycle, preventing the cell from checking if it should stop growing and reproducing and initiate cell death, apoptosis. That is one route to cancer. There is NO safe limit, as current rule recognize. There is no science that disproves this, and there is no science supporting the hormesis model. It would be irresponsible to change the current rule and adopt this new rule. I appose this potential change as does any evidence based biologist or medical professional.