

## Rulemaking1CEm Resource

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**Sent:** Monday, November 16, 2015 5:39 PM  
**To:** Rulemaking1CEm Resource  
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**SECY-067**

**PR#:** PRM-20-28, PRM-20-29, and PRM-20-30

**FRN#:** 80FR35870

**NRC DOCKET#:** NRC-2015-0057

**SECY DOCKET DATE:** 11/16/15

**TITLE:** Linear No-Threshold Model and Standards for Protection Against Radiation

**COMMENT#:** 498

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**From:** Mark M Giese [mailto:m.mk@att.net]  
**Sent:** Monday, November 16, 2015 12:54 PM  
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**Subject:** [External\_Sender] Docket Nos. PRM-20-28, PRM-20-29, and PRM-20-30, NRC-2015-0057

All radiation exposure carries some risk of cancer or other disease, and that risk rises with the amount of exposure. The “hormesis” model, on the other hand, asserts—with little to no scientific backing—that exposure to very low levels of radiation can actually be beneficial to people, and that there is no concern about exposures until they reach high levels.

If implemented, the hormesis model would result in needless death and misery. The concept of ALARA, as weak as it is (a requirement that nuclear operators reduce exposures only “as low as reasonably achievable”) would be tossed out the window. Emergency Planning Zones would be significantly reduced or abolished entirely. Instead of being forced to spend money to limit radiation releases, nuclear utilities could pocket greater profits.

Please deny these three petitions.

Thank you.

--Mark M Giese  
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