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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

Document: NRC-2015-0057-DRAFT-0079

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General Comment

Please do NOT rule that radiation from nuclear power plants -- or any radiation -- is "beneficial" or in any way not harmful to health. That is entirely untrue. There is plenty of scientific evidence to the contrary, such as reports of diseases and death due to radiation exposure -- no matter what level. This is NOT a "phobic" response, but a response from steady research over the years -- including from US government agencies.

For instance:

http://www.epa.gov/radiation/understand/health_effects.html

<http://emergency.cdc.gov/radiation/healtheffects.asp>

<http://www.who.int/mediacentre/factsheets/fs371/en/>

"The general population is not likely to be exposed to doses high enough to cause acute effects, but they may be exposed to low doses which could result in increased risk of long-term effects like cancer. Consumption of contaminated food and/or water contributes to overall radiation exposure...If radioactive iodine is released into the environment and enters the body through inhalation or ingestion, it will concentrate in the thyroid

gland increasing the risk of thyroid cancer. The risk of thyroid cancer is higher in children than adults, particularly those under 5 years, and those whose diets are generally deficient in iodine."