

PUBLIC SUBMISSION

As of: 8/25/15 3:14 PM Received: August 21, 2015 Status: Pending_Post Tracking No. 1jz-8kog-zkkl Comments Due: September 08, 2015 Submission Type: Web

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-0165

Comment on FR Doc # 2015-15441

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General Comment

We literally live in a Universe comprised of matter and radiation, where too little radiation is as deadly as too much.

The NRC Linear No-Threshold Standards, including the title of the NRC Proposed Rule, should be revised to reflect what we now know about radiation and the need for humans to balance the benefits of radiation, with the risks. Relevant Risk Assessment processes, as recommended by the EPA, have to be applied in a more balanced way, in order to insure the continued survival of our species:

<http://www.epa.gov/radiation/understand/perspective.html>.

Maybe the best place to start would include revising the NRC Proposed Rule title to: Radiation Standards Essential For Producing Clean, Safe, Abundant Energy. Changing the title, and adopting NRC performance standards fast tracking proven nuclear energy production technologies (including small modular and molten salt reactors), are essential for making that happen.

The energy production strategy in the Clean Power Plan will only work if the President is serious about developing small modular reactors: (per his 3/19/15 DOE Executive Order - Planning for Federal Sustainability in the Next Decade). The NRC Proposed Rule will support the Clean Power Plan, if it is based on the main body of science, and what is best for all of the people who now

share our planet.

The path we are currently on, is certain to fail:

<http://thebreakthrough.org/index.php/issues/energy/renewables-and-nuclear-at-a-glance>