

RulemakingFormCEm Resource

From: Mark Bartleman [mbartleman@cox.net]
Sent: Wednesday, June 17, 2015 5:37 PM
To: RulemakingComments Resource
Subject: Docket ID NRC-2009-0279

Dear Secretary,

NRC Commissioners and Staff:

While the NRC's Radiation Standards should reduce allowable radioactive releases, 10 CFR 20 would permit too much radioactivity to be released from the nuclear power fuel chain, its uranium mills, fuel factories, waste dumps and processors. And cancer risks from the current standards are too high -- especially for women, children and babies.

Please strengthen the Standards:

- 1) Reduce the legal radioactivity permitted to be released into air and water; never increase them again. Reduce the legal dose to members of the public (from 100 or more millirems/year to 1 or a few or, better yet: zero) from each nuclear power facility. NRC risk numbers show current levels could be causing 1 in 286 men, 1 in 190 women and 1 in 41 baby girls to die from cancer. Protect everyone to the level needed by the most vulnerable - don't "average" by gender or age.
- 2) Stop the additional radioactive releases to sewage. Delete Table 3 of Appendix B of the current rule. On top of high risks from air and water emissions, the NRC allows discharges into sewage that can give unacceptable doses of 500 MORE millirems per year.
- 3) Protect the most vulnerable -- reducing the allowable exposure during the reproductive phase of the human life cycle. Set standards to protect infants and the embryo/fetus, but reduce the legal exposure for pregnant workers and the embryo/fetus to less than the international recommendations (100 mr/remainder of pregnancy) and the public dose (100 mr/year). Less or no radiation at this part of the lifecycle will better protect all life-stages.
- 4) Acknowledge radiation causes health problems other than cancer, and protect against those as well -- including heart disease, reduced immunity, mental retardation, and more.
- 5) If new radiation rules aren't stronger for everyone, don't change them at all.
- 6) Don't refer to copyrighted documents. Release or rewrite the explanation for all changes so you can make them public. People should not have to pay hundreds of dollars to see what's being considered.

Thank you.

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