

RulemakingFormCEm Resource

From: DENNIS R. NELSON, Naturalist/Energy-Environmental Researcher [dennisnelson987@yahoo.com]
Sent: Wednesday, June 17, 2015 3:09 PM
To: RulemakingComments Resource
Subject: Docket ID NRC-2009-0279

Dear Secretary,

Dear USNRC Commissioners and Staff:

I am one of the original, modern environmental/energy ("nuclear-free") activists ever since around the very first "EARTH DAY Celebration" (Wednesday, April 22, 1970), now over 45 years ago! I have a Bachelor of Science (B.S.) Degree in Biology and Environmental Studies from Dana College, Blair, Nebraska. I am the Vice-President of the Chicago-based Nuclear Energy Information Service (NEIS), "Illinois' Nuclear Power Watchdog Group," www.neis.org. Continuing on, the U.S. Nuclear Regulatory Commission's (USNRC's) Radiation Standards, '10 CFR 20,' allow TOO MUCH RADIOACTIVITY TO BE RELEASED from the commercial nuclear power fuel cycle (or chain)--its uranium mills, fuel factories, waste dumps, and processors. PLEASE IMMEDIATELY REDUCE THE ALLOWABLE RADIOACTIVITY RELEASES, DOSES, AND RISKS!!

The cancer risks from the current standards are too high, particularly for women, children, and babies. Please pay more attention to the danger to our gene pool and reproductive phase of our life-cycle!

[1] Reduce the legal radioactivity permitted to be released into air and water; please 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. The USNRC 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. Please protect everyone to the level needed by the most vulnerable--do not "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 the higher risks from air and water emissions, the USNRC allows discharges into sewage that can give doses of 500 MORE millirems each year!

[3] Protect the most vulnerable! I support reducing the allowable exposure during the reproductive phase of our 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 ionizing radiation at this part of our life-cycle will better protect all life-stages. Please protect worker rights and privacy!

[4] It is time to acknowledge that ionizing radiation causes health problems other than cancer, and protect against those as well: These include heart disease, reduced immunity, mental retardation, and more.

[5] If you do not make the ionizing radiation rules stronger for us, our kids, and for nuclear workers, please do NOT change them at all.

[6] Do NOT refer to copyrighted documents! Please release or rewrite the explanation for all changes so that you can make them public. Everybody should not have to pay hundreds of dollars to see what is being considered.

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