

## RulemakingFormCEm Resource

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**From:** Charles Brexel Sr. [cbrexel@aol.com]  
**Sent:** Monday, July 20, 2015 4:36 AM  
**To:** RulemakingComments Resource  
**Subject:** [External\_Sender] Docket ID NRC-2009-0279

Dear Secretary,

Dear NRC Commissioners and Staff:

NRC's Radiation Standards, 10 CFR 20, allow too much radioactivity to be released from the nuclear power fuel chain, its uranium mills, fuel factories, waste dumps and processors.

I, along with more than 24.236 million members and supporters of the supporting organizations listed below and more supporting organizations, ask the NRC to make changes to reduce allowable radioactive releases, doses and risks.

The cancer risks from the current standards are way too high, especially for women, children and babies. Please pay attention to the danger to our gene pool and the reproductive phase of our lifecycle.

We respectfully ask the NRC to make the following changes:

1)Please reduce the legal amounts of radioactivity permitted to be released into the air and water; please, never increase them again. Please 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. Please protect everyone to the level needed by the most vulnerable – please, do not “average” by gender or age.

2)Please stop the additional radioactive releases to sewage. Please 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 doses of 500 MORE millirems per year!

3)Please protect the most vulnerable – We support reducing the allowable exposure during the reproductive phase of our life cycle. Please set standards to protect infants and the embryo/fetus, but please 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 our lifecycle will better protect all life-stages. Please protect worker rights and privacy.

4)It is time to 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 you do not make the radiation rules stronger for us, our kids, our DNA and for nuclear workers, please do not change them at all.

6)Please do not refer to copyrighted documents. Please release or rewrite the explanation for all changes so that you can make them public. People should not have to pay hundreds of dollars to see what is being considered.

The members and supporters of the supporting organizations for this letter include more than the listed members and supporters for each of the following organizations (more than 24.236 million total):

National Wildlife Federation - 4 million Credo Action - 3.5 million Sierra Club - 2.4 million National Audubon Society - 2 million Natural Resources Defense Council (NRDC) - 2 million World Wildlife Fund (WWF) - 1.09 million Earthjustice - 1 million Environment America - 1 million The Nature Conservancy - 1 million Defenders of Wildlife - 1 million Environmental Defense Fund - 1 million Clean Water Action - 1 million Center for Biological Diversity - 825,000 League of Conservation Voters - 700,000 The Wilderness Society - 500,000 Public Citizen - 400,000 Greenpeace - 250,000 Friends of the Earth US - 210,200 Union of Concerned Scientists - 200,000 Southern Alliance for Clean Energy - 50,000 Physicians for Social Responsibility - 50,000 Waterkeeper Alliance - 24,000 South Florida Wildlands Association - 17,400 Nuclear Information and Resource Service (NIRS) - 9,130 Beyond Nuclear - 8,990 Florida Consumer Action Network - 1,810

Thank you for taking the time to seriously and respectfully consider our requests.

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