

RulemakingFormCEm Resource

From: Randall Wayne [rushwayne@q.com]
Sent: Wednesday, June 17, 2015 4:22 PM
To: RulemakingComments Resource
Subject: Docket ID NRC-2009-0279

Dear Secretary,

Dear NRC Commissioners and Staff:

I am a small-business owner with graduate degrees from Harvard and UC Berkeley in biochemistry and molecular biology. I am concerned that 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 urge you to reduce allowable radioactive releases, doses and risks.

The cancer risks from the current standards are too high, especially for women, children and babies.

- 1) Common sense argues for reducing, not increasing, the legal radioactivity permitted to be released into air and water. I urge you to 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. I further urge you to protect everyone to the level needed by the most vulnerable--don't "average" by gender or age.
- 2) Please 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, NRC allows discharges into sewage that can give doses of 500 MORE millirems per year!
- 3) Take action to 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 radiation at this part of our lifecycle will better protect all life-stages. Protect worker rights and privacy.
- 4) It's 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, then don't change them at all.
- 6) Finally I urge you to release or rewrite the explanation for all changes so the documents can be made freely available to the public. People should not have to pay hundreds of dollars to see what's being considered.

Randall Wayne
2720 Onyx St.
Eugene, OR 97403
US

Federal Register Notice: 79FR43284,NRC-2009-0279
Comment Number: 2794

Mail Envelope Properties (871133755.31890.1434572519982.JavaMail.tomcat)

Subject: Docket ID NRC-2009-0279
Sent Date: 6/17/2015 4:21:59 PM
Received Date: 6/17/2015 4:22:04 PM
From: Randall Wayne

Created By: rushwayne@q.com

Recipients:
"RulemakingComments Resource" <RulemakingComments.Resource@nrc.gov>
Tracking Status: None

Post Office: vweb109

Files	Size	Date & Time
MESSAGE	2397	6/17/2015 4:22:04 PM

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: