

Rulemaking Comments**PRM-50-104
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From: Doris Fulton [fultondl@gmail.com]
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May 23, 2012 (11:45 am)
**OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF**

I am a grandmother of a two year old grandson. The emergency plans for nuclear disasters are outdated and do not adequately protect the health and safety of United States citizens. The evacuation zone of ten miles is inadequate because of the effects of radiation. Women and children are 3-10 times more affected by radiation than men. In addition, the National Academy of Science says that there is no safe doseage of radiation.

More than 150,000 people were vacuated near Fukushima from as far as 25 miles away outside the mandatory evacuation zones. Moreover, the U.S. Nuclear Regulatory Commission and U.S. State Department recommended that Americans within 50 miles of Fukushima evacuate. Even so, as much as 80% of the airborne radiation released at Fukushima blew directly over the Pacific Ocean, rather than populated areas. The NRC cannot rely on favorable wind patterns to protect the American public.

The ingestion pathway EPZ is also grossly inadequate, and should be expanded to 100 miles. Food contamination at both Fukushima and Chernobyl has been far reaching and persistent. In Chernobyl, radionuclides tainted crops and animal products hundreds of miles away. More than 25 years after that accident, sheep in Wales--hundreds of miles away--remain interdicted. Similarly, in Fukushima contamination of rice, milk, and other food has been exhibited 100 miles and more from the site.

It is for all these reasons that I request that the NRC adopt the proposed rule expanding emergency planning zones to the respective 25, 50, and 100 mile zones and add a new requirement that emergency exercises include scenarios of regionally appropriate intiating or concurrent natural disasters.

Thank you,

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