

Rulemaking Comments

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**OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF**

The ongoing ecocidal disaster of Fukushima shows that the Nuclear Regulatory Commission's (NRC's) plans for protecting citizens and food during nuclear emergencies are inadequate. The National Academy of Sciences BEIR VII report states that there is no safe dose of radiation, and women and children are the most severely affected.

The computer models for a 10-mile evacuation zone are not realistic. Indeed, the NRC recommended that Americans within 50 miles of Fukushima should leave.

Moreover, the ingestion pathway EPZ should be expanded to 100 miles. Contamination of food and animals products at both Fukushima and Chernobyl has been extensive (over 100 miles from the sites) and long-lived, as shown by contamination of rice, milk, and other foods in Japan and the fact that 25 years after Chernobyl, sheep in Wales are still interdicted.

It's disgusting enough that many US nuclear plants have had security problems and safety problems - faulty designs, radioactive leaks, inadequate power backup, defective pipes, valves, and wiring, etc. - but current NRC regulations also don't consider the possibility of simultaneous natural disasters. The weather is increasingly violent and unpredictable; and US nuclear plants were damaged in 2011 by earthquakes, floods, and hurricanes, as well as threatened by wildfires and tornadoes. Blizzards and droughts should also be considered.

I therefore urge the NRC to adopt the proposed rule expanding EPZs to the respective 25, 50, and 100 miles, and to include scenarios for concurrent natural disasters when designing emergency exercises.

The fact is that ALL nuclear plants are dangerous, potentially LETHAL, and should be shut down permanently; but I have no hope that this will happen. Regulatory agencies from the FDA to the NRC et al. appear to want to protect ultra-rich owners' profits rather than to protect the health and safety of normal American citizens. Please prove me wrong about that.

Thank you

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