

**From:** Jason Schaperow *RES*  
**To:** Glenn Kelly *NR*  
**Date:** Mon, May 1, 2000 10:52 AM  
**Subject:** Prompt Fatalities

You left me a telephone message concerning my April 21, 2000, results for 95% and 99.5% evacuation. Your message was the following:

"In the case of late evacuation, in going from 95% to 99.5% evacuation, the number of prompt fatalities increased from 92.2 to 95.3. This is counter-intuitive. Why did they increase?"

In the case of late evacuation, all of the population in the Emergency Planning Zone were exposed to the plume. Because evacuation was modeled as radially outward, people that evacuated were exposed to the plume for a longer duration.

**CC:** Charles Tinkler, Mark Rubin

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