

# FAX MESSAGE

Date 10 September 2001 RECEIVED  
 TO: Yucca Mountain Site SEP 14 2001  
 Name Characterization Office (Carol Hanlon) FROM:  
 Company Office of Civilian Radioactive Ralph Landers  
Waste Management, US DOE M/S 25 Voice/FAX Phone:  
 (775) 751-2641

FAX: (800) 967-0739

**MESSAGE:**

I am a retired aerospace engineer who used to participate in testing of various materials and equipment and then write test reports.

Regarding the Yucca Mountain Site issue, I would like to point out various concerns of mine. Among them: (1) Any leaks into water, air, or other medium would be radioactive and contaminate the immediate area. Fuel rods (with their pellets) are always immersed in cooling water to contain the immense heat that is generated by the nuclear pellets. Spent fuel rods are still "hot" and the radioactivity which may be at the half-life (or more) of the original life span, may not totally decay for upwrad of 30,000+ years!

(2) When encased for transportation, the shell of the container will become "hot" both radioactively and physically. Any steam which may be generated due to water cooling will undoubtedly be radioactive.

(3) Radiation sickness is a distinct possibility to anyone being exposed to nuclear waste.

(4) Intense radiation kills all vegetation and makes the top soil unusable for generations. Reference: Bikini Atoll where the first A-bomb was tested. Even now after 59 years nothing will grow on that island! No one wants to live there.

(5) For 17 years I lived next door to a trucker and we used to discuss what truckers do while on the road. Most of the time, truck drivers are lonely, upset with the traffic conditions, and drink their lunches. Beer is their favorite beverage although double whiskeys are also on their menu. Ever wonder what goes on in that "camper" behind the driver's compartment? Ask any truck stop. Hookers are quiet familiar with that area.

(6) Train "engineers" are famous for DUI problems especially meth pills. And lately there have been numerous derailments especially noteworthy was the tunnel derailment of chemicals in the Baltimore tunnel.

Are we going to trust shipments by truck or rail in light of the above-mentioned problems? The answer should be a resounding NO!