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MS. ZOLKOVER: Adrian Zolkover, Z-o-l-k-o-v, as in Victor, e-r.

1 Here are a few things I didn't think I would have time to mention. The Yucca Mountain site is planned approximately to be located a football stadium beneath land surface and an equal distance above existing water table. It will be extremely hot. I think if you ever saw pictures of the -- the Nagasaki bomb, things just dissolved from radiation. They turned to ash. That's hot. Cement turns to ash. If water reaches it, water could form steam and steam takes up 600 times the space of the water that generates it, which means potential explosions. No one can predict the weather. It's been more severe more recently and the area's mountainous, so you could have a swimming pool of water sitting waiting to trickle down to the hot nuclear rods.

They want to put 77,000 tons of rods. They're highly radioactive and unstable and they contain more plutonium than all of the nuclear weapons that Russia and the US had during the height of the Gold War -- Cold War, and they don't know how plutonium really behaves yet. It's an experiment, a bad one. One
2 millionth of 1/28 of an ounce of plutonium dust inhaled causes cancer. Newsweek January 31st, 1994 quoted the Southern California Research Earthquake Center, which consists of geologists from Caltech, the USGS, UCLA, USC and they predict that LA is overdue for an earthquake 125 times as strong as the one they had in 1994.

Science Magazine January 13th, '95 quoted four articles presented from a symposium at Caltech and they -- the consensus was that LA would have had to have had a 6.7 earthquake every eleven years for the past 200 years not to be overdue for earthquakes in the 7s, and once it's in that category, it could go from one fault system to another causing more 7s. That could be like fifteen 7s plus, and for a hundred miles around, and when you read the footnotes, it says they've underestimated the probabilities and dangers in every case and also that they have not included the San Andreas in their scenario. And how would this impact on the solidity of the land above and below the Yucca Mountain site and on the casks themselves? I knew about the potential earthquakes when I bought my house in Henderson, but the nuclear waste is another thing.

Okay. This is what I planned to say. I'm glad I got to just discuss these because I don't think the public is
3 aware of those things. Every author I could find in Scientific American, the Bulletin of the Atomic Scientist and Science is vehemently opposed to the DOE's plan for the Yucca Mountain nuclear repository. The State of Nevada Agency for Nuclear Waste has submitted written reports presenting more than adequate scientific data according to the DOE guidelines for them to require that Yucca Mountain be disqualified as a repository site, yet the DOE continues to push the Yucca Mountain Project.

4 Worthiness of the AEC/DOE activities changed greatly in the years following World War II. Herlynn Acquin's book "Making a Real Killing" at a December 1987 Congressional hearing, Mike Sinar, Democrat from Oklahoma said that "what occurred at Rocky Flats sixteen miles out of Denver was a dramatic expose of how the system really works. Inadequate controls, limited accountability and an attitude of indifference on the part of the government and the contractor officials. "Quite simply, the DOE is not in control of its weapons complex. If the DOE cannot run these facilities honestly, what assurance can we give the American public that you can run them safely?"

5.... Energy Secretary James Watkins, who is a distinguished former admiral and submarine commander, found the DOE lacked a strict chain of command. December '89, he told a reporter that "turning around the management malaise and ineptness at the DOE was a hundred times more difficult than anything he had previously attempted." David Albright, a physicist working on the Colorado Health Department study said of the DOE "they insisted that almost everything was classified. Everything was adversarial hostile. You had this culture of not caring about safety infractions."

5 cont. June 1989, the FBI raided Rocky Flats, the DOE weapons producing plant managed by Rockwell sixteen miles out of Denver. Rockwell was charged with illegal dumping of hazardous substances and the knowing contamination of nearby streams. Rockwell plea-bargained criminal charges." President Clinton appointed Hazel O'Leary energy secretary. In May 1993, she ordered DOE offices to declassify Cold War documents. Per Scientific American May 1996, "the DOE now admits that enormous amounts of the highly radioactive liquids and solids were pumped and dumped into the ground and estimates that throughout all the weapons complexes, billions of cubic meters of soil, groundwater and surface water are contaminated.

"Charges for criminal violations should be brought against the DOE/AEC for past, present and planned future damage of the highest order to the United States and its injured citizens, damage that has been deadly and that may last for thousands of years."

MR. LAWSON: You -- sorry. Go ahead.

6 MS. ZOLKOVER: Also, the Hanford nuclear site. I've written papers. There's so much more of this. You never hear about -- I heard all of the farmers that were east of that site are dead. You don't hear about these things. They should be prosecuted.

MR. LAWSON: Okay.

MS. ZOLKOVER: Not everyone of them, and some of the workers need more insurance, they need more help, but there's certain people that have to be accountable and they should be prosecuted and they should be
7 leaving us alone. The doesn't -- the Yucca Mountain site does not belong here. We've proven it scientifically. Let them get out of here.