JUDITH HOLMGREN: ********** Lane, Pahrump, Nevada 89***. This is with regard to the tad canister. The gentleman over here told me to ask the question, what Richter scale event are you designing both the surface and the subsurface facilities to withstand? What level of Richter scale event, you know, like 7.5, an 8, and how does that translate into the G forces that you have to reinforce your structures to withstand, like 2G or 3G or 4G, something like that. What are they looking at as an outside Richter scale event that they would have to meet, you know, with the structure facility.

And then the other question I had is can you give me the document number of the performance specification for the tad and if an RFP, Request For Proposals, has gone out of any kind, can I obtain the document number, which will have the criteria which makes up the performance specification for this particular canister, the tad canister.

How long will the development of the tad canister to the point where they have a prototype in full-up test, meaning that they are loading it with high-level nuclear waste. I mean that from the time of their specification, their performance spec to the time that they are going to have their prototype in

test, how long do they expect that time frame to be?

What is the difference in cost between designing, you know, an over-robust design for a

seismically active area, what's the difference between that and an area which isn't seismically active. In other words, if you were going to build the same facility in a non-seismically active area, what would the difference in cost be, because you have to overly design, you know, to take into account any type of seismic event. If you didn't have to take into account seismic events, what would be the difference in cost of the structures be?

Has any full-up testing with high-level radioactive waste ever been performed in the volcanic tuff of Yucca Mountain or a similar geologic medium? Have they incised the blocks out of the mountain, brought them to a licensed site and then tested them for radiation mitigation with high-level waste, has any such test ever been performed?

By full-up testing I mean with either a full scale canister or the, whatever it is, ten metric tons of high level waste that they expect to put in the canister, that allotment of waste.

How will they mitigate the creep problem that they have on the surface of the facility? I

understand the soil on the surface creeps at 1.7 millimeters per year is the average creep of the surface soil.