

**Comments Submitted Online by Virtual Attendees
During the U.S. Nuclear Waste Technical Review Board’s Spring 2024 Meeting
May 21-22, 2024 in the Order that the Comments Were Submitted¹**

DAY 1 – Tuesday, May 21, 2024

Name: Barbara Warren
Affiliation: Citizens' Environmental Coalition
Comment: I work on the issues discussed today

Name: Son Nguyen
Affiliation: Canadian Nuclear Safety Commission
Comment: Listening to some presentations

Name: Rudy Salazar
Affiliation: Randsburg Project
Comment: I have an initiative to move the 291 California spent fuel canisters to my privately owned property in Randsburg California. My 58-acer property is the most promising geological formation for spent fuel in North America—no water table, not water basin, quartz-monzonite laced with fine gold throughout. This is a regional based California only offering, providing spent fuel not to cross state lines—it’s doable with less political pressure that we have been encountering for the last 80-years and can be a model for the rest of the nation. Interim storage would be the first stage with the long term second phase of a deep repository for these 291 canisters.
If the federal government takes another 80-years or more to finally construct and open the two deep repositories required, at least California would have responsibly moved their spent fuel to higher ground that may or may not be a permanent solution, but it would ease the burden of the grand plan of all the nation’s disposition needs. I offer my property up for research and development for this issue. I trust the NWTRB will take note and consider, as well as the DOE and the NRC.
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Rudy Salazar
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Name: Jan boudart
Affiliation: Nuclear Energy Information Service
Comment: Thank you for having these meetings

Name: Connie Kline
Affiliation:
Comment: I was unable to attend this morning's session so perhaps my question has been addressed. Where are the crystalline rock formations in the US that might be under consideration?

¹ These include only the technical comments and not those comments identifying issues with the audio or video of the web stream. The Board appreciates the virtual attendees letting us know when audio-visual arise and when the issues are resolved.

Name: Connie Kline

Affiliation:

Comment: Are any copper canisters in use now? If not, why not?

Name: Kalene Walker

Affiliation: none

Comment: SNL's Paul Mariner stated that copper canisters can remain intact for 30,000 years or even over a 1 million years, yet the U.S. industry uses stainless steel canisters which may already be at risk of breach due to stress corrosion cracking or other degradation mechanisms.

NRC has stated that once crack start, cracks can grow through-wall of the canisters in as little as 16 years

(<https://sanonofresafety.org/wp-content/uploads/2013/06/ml14258a081-8-5-14meetingsummary.pdf>).

Conditions for crack initiation were found in 2 yr old canisters at Diablo Canyon (<https://sanonofresafety.org/wp-content/uploads/2011/11/diablo canyon scc-2014-10-23.pdf>).

No dry fuel handling (hot cell) facility capable of handling fuel transfer exists in the U.S.

Over 4,000 loaded canisters may already have cracks.

Yet the NRC, DOE, and NWTRB continue to IGNORE this apparently URGENT matter.

The disconnect between the current canister problem and the discussion today leaves this member of the public extremely concerned.

Name: Connie Kline

Affiliation:

Comment: Are these meetings recorded?