

Deep Isolation

UC Berkeley

**DEEP.
SAFE.
ISOLATED.**

Secure under more than 1 mile of sedimentary rock. The sealed canisters are retrievable at any time.

Aquifer
Recharge Areas

Temporary
emplacement rig, 160-feet high

Aquifer casing

Aquifers

Plugged vertical
access drill hole
(with steel casing
and concrete)

Pipe diameter isn't
much wider than a
regulation football

Dead end trap

Spent nuclear fuel
canister storage

Plumbers trap