

We reported at previous SnTs that we'd measured Ar-39 in shallow subsurface soil above old UNEs. This implies that UNEs can be detected at the surface for decades after the UNE.

In this poster, we report on measurements of the Ar-39 background in shallow subsurface soil in similar western U.S. locations NOT associated with UNEs.

These are the first reported measurements of the Ar-39 background in shallow subsurface soil. The measurements ranged from atmospheric background to a few times atmospheric background, but much less than observed above UNE sites.

