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# PUBLIC SUBMISSION

**Docket:** NRC-2020-0065

Transfer of Very Low-Level Waste to Exempt Persons for Disposal

**Comment On:** NRC-2020-0065-0001

Transfer of Very Low-Level Waste to Exempt Persons for Disposal

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## General Comment

The 57 th edition of the CRC handbook of chemistry and physics states on page B-39 that for polonium 210 the maximum body burden of  $6.8 \times 10^{-12}$  gr. It is  $2.5 \times 10^{-11}$  times more poisonous than hydrocyanic acid.(cyanide) Half of it vaporized at 55 deg C. (131 deg F). Those garbage dumps with rotting and decaying organics will easily reach these temperatures down inside.

Fallen Nevada dairies (23 of them) had to dump their milk in 2007 because the milk was contaminated with Po 210. Cows concentrate heavy metals in their milk. The water they were drinking had 0.1 to 67.7 pico curies per liter of Po 210.

This transfer is to exempt persons is insane. I know you say very low level waste, but if you don't think .00000000000068 gr won't sneak through your monitoring you are crazy. This is a Trumpian foul up.