The risks of managing high level nuclear waste require publicly controlled processes. People and processes must be continually vetted to prevent the potential of weaponization, as well as tragic consequences of neglect. Of course, our highest priority must be cessation of production of these dangerous wastes, but significant government resources and regulation will be required to maintain safety from those already produced. Ideally, they should be stabilized to the maximum extent possible through glassification and monitored, retrievable storage in a geologically stable location. Monitors must be accountable to public control as government employees.