

# Looking for a SOLUTION to nuclear waste?

## Nuclear Waste Science vs Science Fiction at Yucca Mountain

Nuclear Waste Science & Law	Yucca Mountain Science Fiction
Thousands of tons of highly radioactive waste need to be isolated from our environment.	"It will be safe for a million years..."
There is water inside the Yucca Mountain rock.	Not possible – Yucca Mountain has no water...
Water will corrode waste containers and release radioactivity.	Titanium "drip shields" are the solution...
70,000 metric tons of radioactive waste inside tunnels is too radioactive for workers to install titanium drip shields.	Use robots...
Robots simply sent to take a picture are failing in high radiation areas today. The drip shields would weigh tons and have to cover more than 40-plus miles of tunnels with no gaps.	We can do robots better (someday)...
The Yucca Mountain Area is one of the most seismically active zones of the "Lower 48 states" and has history of volcanic activity.	Earthquakes affect surface facilities; it does not matter once the waste is in the ground...
A repository requires surface facilities like pools for waste transfer, ventilation shafts and other structures vulnerable to quakes. A drip shield would also be subject to vibration.	What happens in Nevada 100 years from now does not matter. Those people can't vote today.

For more on the FOLLY of titanium drip shields see comments from a former Commissioner of the Nuclear Regulatory Commission, Victor Gilinsky in the Bulletin of the Atomic Scientists: <http://thebulletin.org/yucca-mountain-redux7800>

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