

# PETITION: Adopt the HELMS proposal for Nuclear Waste Storage

WE THE UNDERSIGNED demand that the Nuclear Regulatory Commission adopt new rules to support the HELMS proposal for **H**ardened (against terrorist attack), **E**xtended-life (canisters designed for 1000 year life using double-layer cask design), **L**ocal (moved away from water and dense populations but not across the country), **M**onitored (7/24 electronic monitoring to detect leaks by detecting pressure drops), and **S**urface storage (we can't expect a deep geologic repository at this point as it was supposed to be open in 1998 and guess what, it is not open and there is no such repository on the horizon.)

The current thin canisters (only 1/2" or 5/8" thick) which are known to develop cracks due to Chloride-Induced Stress Corrosion Cracking (CISCC), and were never designed for extended use due to the short, 20-year license period, despite the expectation that the highly toxic spent fuel will remain on the surface "indefinitely". We also believe it will be best to maintain administrative control and monitoring of the waste on a permanent basis.

[More information at <http://www.CitizensOversight.org>, and an online petition is also available!]

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*Please mail any completed petitions to 771 Jamacha Rd #148, El Cajon, CA 92019 or scan or photograph and email to [info@citizenoversight.org](mailto:info@citizenoversight.org)*