

## Re: Tilting At Windmills

**Source:** <http://sci.tech-archive.net/Archive/sci.energy/2004-12/0006.html>

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**Date:** 11/30/04

Date: Tue, 30 Nov 2004 06:33:57 GMT

"fumblus" <[fumblus@nosspamYahoo.com](mailto:fumblus@nosspamYahoo.com)> wrote in message  
news:41aab47e\$0\$31703\$61c65585@un-2park-reader-01.sydney.pipenetworks.com.au...

> *Dez Akin wrote:*

>> *eunometric@yahoo.com.au (Eunometric) wrote in message*

>> *news:<e935396a.0411232103.36559df7@posting.google.com>...*

>>

>>> *Yucca Mountains would not be required but for the absence of  
>>>reprocessing and/or transmutation burn up of wastes in only slightly  
>>>more advanced reactors. Both developments have been curtailed by  
>>>political issues rather than serious economic or technical ones.*

>>

>>

>> *Quite right, but even without advanced reactors (molten salt) Yucca*

>> *is*

>> *not required. All this waste can be stored on site for decades in*

>> *large concrete casks. Human civilization isn't going anywhere. Its*

>> *not*

>> *as if the waste management problem has to be dealt with as if*

>> *humanity*

>> *is leaving the earth sometime in the next twenty years and intends to*

>> *preserve it as a park.*

>

> *Imagine if ancient Egypt had generated a large amount of toxic and*

> *mutagenic waste product that had to be stored securely for a hundred*

> *millennia.*

Spent nuclear fuel loses around 60% of it's level of radioactivity in  
around a day. In 10 years it's around 10,000 times less radioactive. In  
around 600 years it's less radioactive than some Uranium ores.

> *What if ancient Rome did?*

Rome mined huge amounts of toxic and mutagennic lead. It lasts forever.

> *Imagine being the ancestor of people from a civilisation who left you a*

> *legacy of waste that is absolutely no use to you, and that you simply*

> *\*must\* continue to maintain, expensively, for a time frame that might*

*>as well be forever.*

Imagine if one is using coal, gas, oil, biomass or geothermal energy & the radioactive components of those are emitted into the environment.

- > Imagine trying to justify to people 100, 1000, 10000 years from now*
- > why \*they\* must continue to expend real resources to pay for \*your\**
- > squanderous energy consumption.*

Hey, you're using electricity. The internet you chose to post your message on, gets a significant amount of its energy from nuclear.

Karl Johanson