

## CHAIRMAN Resource

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**From:** Donna Gilmore <dgilmore@cox.net>  
**Sent:** Thursday, April 09, 2015 8:19 AM  
**To:** CHAIRMAN Resource; Rhonda Reardon  
**Cc:** Danielle Mills; Joseph Street CCC; Eric Greene; Michal Freedhoff  
**Subject:** DeLorean and nuclear waste canisters

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At yesterday's NRC meeting on aging issues with U.S. thin stainless steel spent fuel storage canisters, one person at the meeting joked that it's a good thing DeLorean cars, with their stainless steel exterior, are not at the ocean. He was referring to stress corrosion cracking caused by marine environments. The DeLorean's exterior panels are made from the same type of stainless steel used in U.S. canisters. They quit making the DeLorean. However, the NRC is still approving these inferior canisters and developing weak aging management standards so they can justify continuing to approve their use. Instead, they should be raising their standards, so vendors can only sell higher quality storage systems with aging management built into the design.

NUREG-1927 Revision 1 is in internal review at the NRC. This contains the NRC's planned guidance for aging management. The NRC has identified numerous critical flaws with U.S. dry storage system thin canister designs, with only hope of future solutions. We must not accept unsubstantiated hope as an aging management plan.

<http://www.deloreanmuseum.org/car.html>

NUREG-1927 Rev 1 Draft for Internal Review, 3/10/2015

<http://pbadupws.nrc.gov/docs/ML1506/ML15068A331.pdf>

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<https://sanonofresafety.files.wordpress.com/2011/11/reasonstobuythickcasks2015-01-30.pdf>

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