

## WCO outreach CEm Resource

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**From:** RFay808700@aol.com  
**Sent:** Saturday, February 25, 2012 10:05 PM  
**To:** WCO outreach Resource  
**Subject:** Require Hardened On-Site Storage (HOSS)

Current on-site storage in indoor pools is not safe, secure, or protective of human health and the environment. [Fukushima Daiichi has shown](#) that pools can boil or drain dry, sparking a catastrophic radioactive fire, releasing up to 100% of the hazardous Cesium-137 in decades worth of the piled up irradiated nuclear fuel densely crammed into pools. [Several storage pools in the U.S. have simply sprung leaks over the decades](#), unleashing radioactively contaminated water into soil, groundwater, and surface water. [As documented in a report by Alvarez et al.](#), NRC commissioned studies themselves have admitted that a pool fire could cause around 25,000 latent cancer fatalities downwind (2001), or even 54,000 to 143,000 latent cancer fatalities downwind, 2,000 to 7,000 square kilometers [770 to 2,700 sq. miles] of agricultural land condemned, and economic costs due to evacuation of \$117 to 566 billion [\$158 to 765 billion in 2010 dollars, when adjusted for inflation] (1997).

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**Subject:** Require Hardened On-Site Storage (HOSS)  
**Sent Date:** 2/25/2012 10:04:38 PM  
**Received Date:** 2/25/2012 10:03:52 PM  
**From:** RFay808700@aol.com

**Created By:** rfay808700@aol.com

**Recipients:**  
"WCO Outreach Resource" <WCO Outreach.Resource@nrc.gov>  
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**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
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