

WCRM-GEIS1CEm Resource

From: Sierra Club [information@sierraclub.org] on behalf of Erin Mcrae [mcræ327@yahoo.com]
Sent: Monday, September 23, 2013 11:56 AM
To: RulemakingComments Resource
Subject: Protect our communities from radioactive waste!

Sep 23, 2013

Allison McFarlane

Dear McFarlane,

I am writing you because I am concerned about how we store our most hazardous waste, the radioactive fuel rods from nuclear reactors. We should not license or re-license any reactor until it has been proven that we can successfully isolate this waste. Given that other countries have faced disasters and have successfully turned away from nuclear energy to renewable sources, we should strongly consider the same.

While we are working on the solution, I am also concerned that many of our nuclear reactors have over-crowded fuel pools on site. These present safety threats to the communities and industries that surround the plants. The NRC should take immediate action to reduce the number of fuel assemblies in the water-filled pools. Before transferring the fuel rods to cask storage, the cask storage needs to be examined and reinforced to be able to safely store the fuel rods particularly those that qualify as high burn up fuel. Hardened on-site storage of the casks should become the choice for storage. These will have to be replaced periodically, due to the nature of nuclear waste and the viability of storage methods long-term.

I am concerned about the sustainability of nuclear power. The EIS needs to evaluate the true costs of nuclear power after the subsidies are stripped away. The long-term costs of waste storage, spill risk and cleanup, and decommissioning need to be considered as well. The ongoing costs to US taxpayers should be transparent in this EIS.

Finally, the EIS should consider the option of not making any nuclear waste at all in the future by comparing the environmental footprint of nuclear from mining to long term waste disposal to that of renewables and energy efficiency. It doesn't make sense to keep moving in the wrong direction when better options are available.

Sincerely,

Erin Mcrae
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