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A Compendium of Spent Fuel Transportation Package Response Analyses to Severe Fire Accident Scenarios

Comment On: NRC-2015-0234-0001

A Compendium of Spent Fuel Transportation Package Response Analyses to Severe Fire Accident Scenarios; Draft NUREG/CR-7209; Request for Comment

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Submitter Information

Name: Debbie Highfill

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General Comment

Hello. I am a long-term resident of San Luis Obispo County and therefore I am in the evacuation zone for Diablo nuclear reactor

The proposed NUREG/CR-7209 does not take a detailed look at what is involved in moving canisters containing highly radioactive and long-lived nuclear waste in land transport.

These are some of my main concerns:

NRC regulations do not allow the transportation of canisters with even partial cracks (10 CFR 71.85 Packaging and Transportation of Radioactive Materials). Neither the outside or inside structure of these thin-walled welded canisters can be inspected, let alone repaired. Other countries use thick-walled casks that do not have these problems.

The thin-walled canisters storing the fuel rods are inadequate. In order to transport the canisters, the fuel rods will have to be transferred to a transport cask; however, the fragile, "thick canisters may likely be leaking radiation at the time of transfer, making transfer itself a potentially lethal undertaking.

The potential for terrorism with regard to transportation of highly radioactive nuclear fuel is a very realistic concern. With the rise in international terrorism, the targeting of nuclear power plants by ISIL, the oversized, slow-moving trucks transporting nuclear are obviously and easy and tempting target.

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