

Re: Do CANDU reactors produce (net) nuclear waste?

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 - *Date:* 29 Apr 2007 11:45:27 -0700
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Yeah, but we're talking about much higher burn up rates (or the order of 3 and 4). Simply a lot less of an already small volume of "waste". The typical amount of waste, heavy in weight, is nothing in size. 3 tons of the stuff would be the size of a small desk. We are talking about very SMALL amounts of spent fuel. ALL the waste in the world for the last 50 years could sit in a large oil tanker. It's deadly for a few decades but after that the most dangerous stuff is hardly that active (still not good, but it's less dangerous)

Traditional recycling would involve remilling of all the material, BTW. I was only speculating. The fuel pellets ARE broken down from the rods, that is who all reprocessing is done. For a CANDU probably not that much would have to be done to these pellets except reform them.

David

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