



## Problems with Depleted Uranium Disposal in Utah

### We have a large hole in our regulations:

- The Nuclear Regulatory Commission has never adequately analyzed the impacts of disposing large quantities of DU. It is currently in the process of drafting new rules.
- In the mean time, no state law, regulation, or policy exists that will protect us from the hazards of DU disposal.

### Depleted Uranium represents a unique hazard

- DU grows in radioactive hazard over time and it will eventually exceed the hotter standards of Class B & C Waste currently banned in the state of Utah
- Depleted uranium reaches its peak hazard in about 1,000,000 years. Most Class A waste is thought to decay to reasonably hazardous levels after 100 years.
- Waste with similar characteristics, such as transuranic waste, is disposed of in deep geologic repositories such as the Waste Isolation Pilot Plant in New Mexico.

### Is More on the Way?

- EnergySolutions accepted 5,400 drums of pure depleted uranium oxide in October of 2008.
- Disposal of 16,000 drums under the jurisdiction of the Department of Energy by 2010 is listed in the stimulus package . EnergySolutions is the ONLY existing site currently accepting depleted uranium.
- EnergySolutions has previously disposed of 43,000 tons of DU.
- 700,000 tons could be deconverted from hexafluoride gas and start being disposed of within 2 years, ahead of the scheduled NRC rulemaking that would require a site specific analysis be conducted before DU could be buried.

Steel cylinders of uranium hexafluoride in Piketon Ohio, currently awaiting deconversion and disposal

### The Bottom-line:

Utah is vulnerable and our current laws and regulations won't stop depleted uranium form being disposed of here. This could have drastic implications for the health and safety of future Utahns.



# Take action to help prevent EnergySolutions from dumping any more Depleted Uranium in Utah.



Steel cylinders of uranium hexafluoride in Piketon Ohio, currently awaiting deconversion and disposal

## Email the public representatives on the Radiation Control Board.

Express to them your concerns with the disposal of depleted uranium at the EnergySolutions site.

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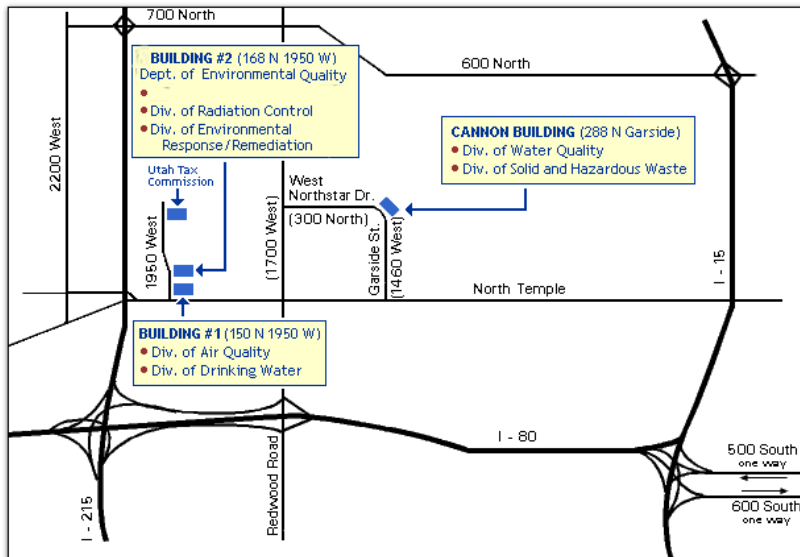
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## Attend the next Radiation Control Board Meeting:

You can help send a message to the RCB that Utahns are watching, and expect our policy-makers to protect us from waste that's too hot for Utah to handle.



### WHEN:

July 14th, 2009  
3:00 PM—5:00 PM

### WHERE:

Department of  
Environmental Quality  
(Bldg #2),  
Conference Room 101  
168 North 1950 West,  
Salt Lake City

**Write a letter to the editor:** Highlight the issue in the media and help educate the public about the dangers of depleted uranium. Please visit [http://healutah.org/takeaction/submit\\_lte](http://healutah.org/takeaction/submit_lte) for our easy-to-use online letter-to-the-editor submission form

**Our state should not bear the liability of a permanent radioactive hazard in a shallow burial site! Please act now to prevent an unacceptable long term risk to our health and environment.**