NWTRB Meeting
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Random Thoughts of a Nuclear Trash Man
By
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A Rationalized Approach for Disposition
The Elements of a Proliferation Resistant Fuel Cycle
Safe and Secure Nuclear Power

- Proliferation-resistant Recycling: Avoids pure plutonium products
- Advanced Burner Reactors: Reduce inventory of transuranic elements
- Reliable Fuel Services: Discourage "reactor nations" from enrichment or reprocessing
- Advanced Safeguard Technologies: Increase reliability of monitoring and verification
There’s Room For WIPP 2

Note:
At the WIPP site, the horizontal area of the 40 CFR 268 Disposal Unit and the 40 CFR 191 Disposal System are identical but the 40 CFR 286 Disposal Unit is only 33% as thick as the 40 CFR 191 Disposal System, and is included in it.
Freshly Disposed
Aged and Dispersing
A Nuclear Energy Partnership

“The world must create a safe, orderly system to field civilian nuclear plants without adding to the danger of weapons proliferation.”

“To build a secure energy future for America, we need to expand production of clean, safe nuclear power.”
WIPP Disposal Operations

2150 feet

Salt Removal Shaft

Air Intake Shaft

Air Exhaust Shaft

Waste Entry Shaft

Panel 1-4: Filled
Panel 5: Disposal underway
Panel 6: Mining underway
Panel 7-8: Future mining

Air exhaust can be directed through HEPA filters.