

Status of LLRW Compacts and Update on Commercial LLRW Disposal Facilities

Low-Level Waste Advisory Committee Meeting
September 26, 2025



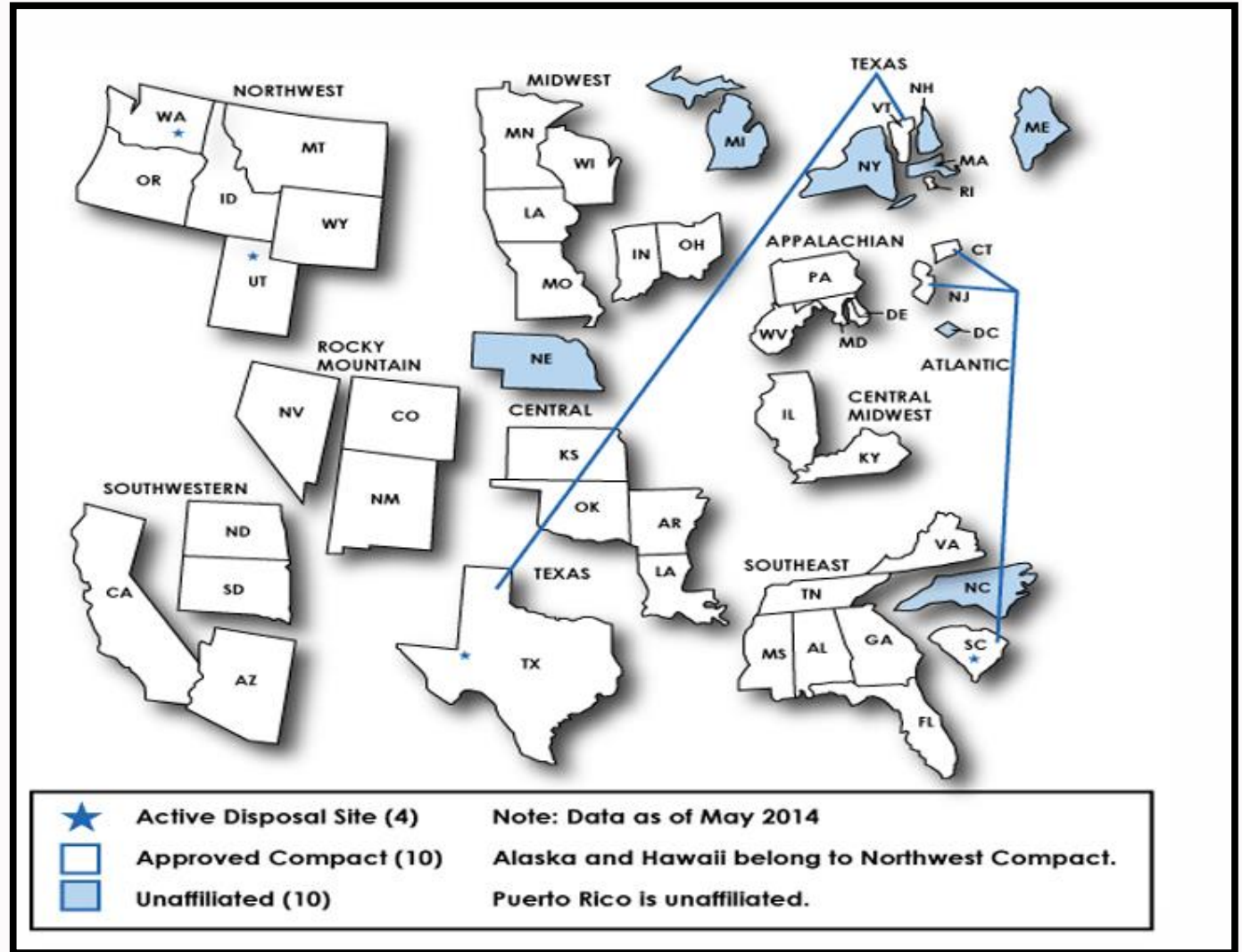
Federal Legislation

- The Low-Level Radioactive Waste Policy Act was established in 1980 and amended in 1985.
- The primary responsibility of low-level radioactive waste (LLRW) disposal was shifted to the states.
- States were allowed to form compacts (agreements) with other states to share the costs and responsibilities of developing and operating regional disposal facilities.
- Compacts are allowed to exclude waste from other regions/compacts.



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LLRW Compacts





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Commercial LLRW Disposal Facilities

- Barnwell Disposal Facility in South Carolina (Regional Facility)
 - Holds a license from the state of South Carolina for disposal of Class A, B, and C waste from the Atlantic Compact (CT, NJ, SC).
 - Closed to generators outside the Atlantic Compact as of July 1, 2008.
- Richland Facility in Washington (Regional Facility)
 - Holds a license from the state of Washington for disposal of Class A, B, and C wastes from the Northwest and Rocky Mountain Compacts.



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Commercial LLRW Disposal Facilities

- EnergySolutions Facility in Utah (not a regional facility)
 - Holds a license from the state of Utah for disposal of Class A LLRW and mixed waste.
 - Provides for disposal of bulk waste, containerized waste, and large components.
 - Seeking approval for license renewal for Class A waste, licensing of a federal cell, and exempted-waste cell.
 - Received approval for disposal of Class A disused radioactive sealed sources.



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Commercial LLRW Disposal Facilities

- Waste Control Specialist (WCS) Disposal Facility in Texas (regional facility)
 - WCS holds a license from the state of Texas for disposal of both commercial and federal Class A, B, and C wastes and mixed waste.
 - Provides for disposal of bulk waste, containerized waste, and large components.
 - Annual limit on radioactivity for out-of-compact waste is 275,000 curies.
 - License renewal application review is in progress.



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Energy Solutions Facility, Utah





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Waste Control Specialists, Texas

Waste Control Specialists Site





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Any Questions?



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