

**Appalachian States Low-Level Radioactive Waste
Commission**

**Status of LLRW Compacts and
Update on Commercial LLRW
Disposal Facilities**

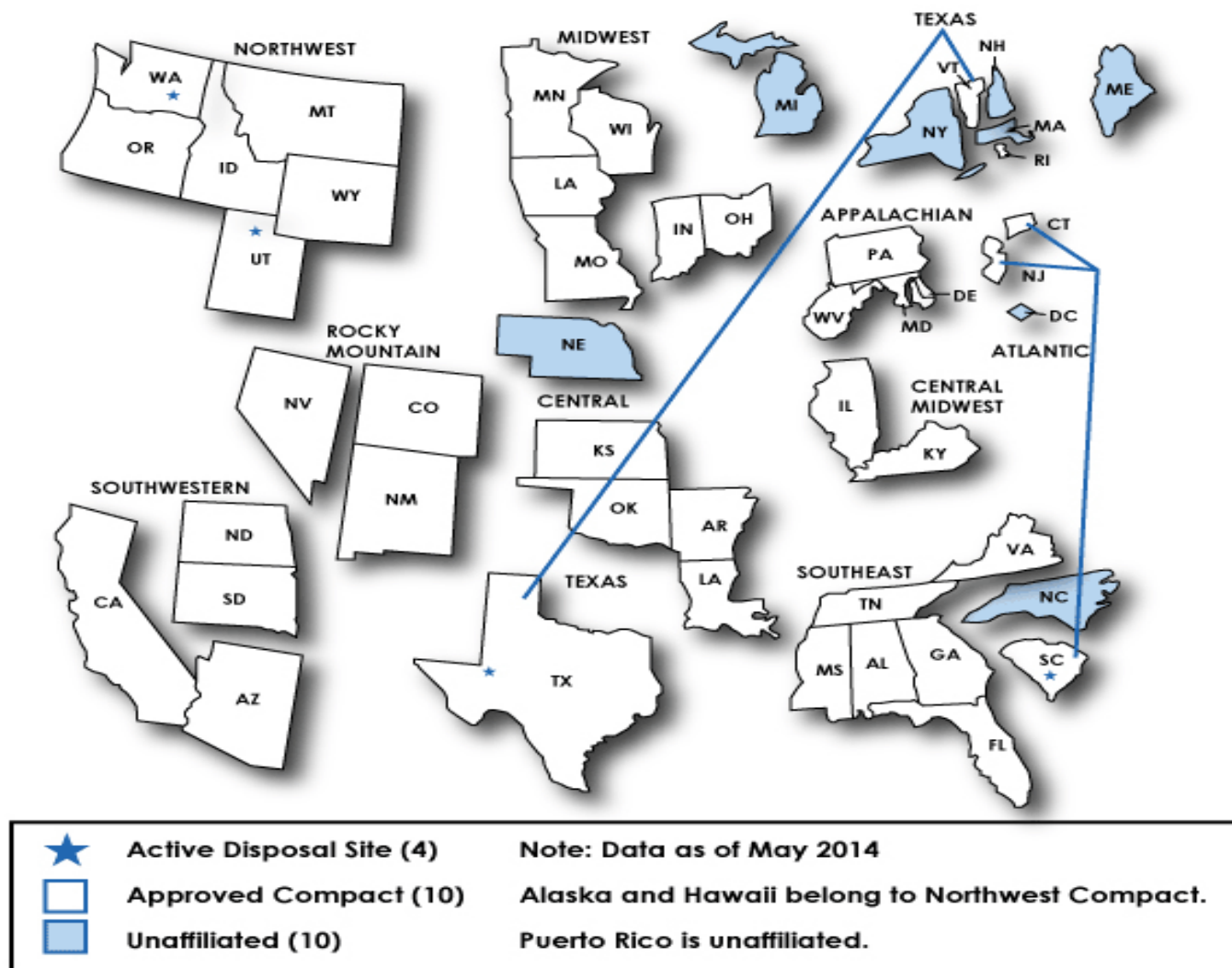
October 27, 2023

Background - Federal Legislation

Federal
Low-Level
Radioactive Waste
Policy Act

- States Responsible
- Compacts Encouraged
- Exclusion of Out-of-Compact Waste

Status of LLRW Compacts



Status of 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 wastes 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

- **EnergySolutions Facility in Utah (not a Regional Facility)**
 - Holds a license from the State of Utah for disposal of LLRW (Class A only) and Class A mixed waste
 - Provides for disposal of bulk waste, containerized waste, and large components
 - Seeking approval for license renewal of Class A waste including sealed sources, licensing of a Federal cell and exempted waste cell

Status of Commercial LLRW Disposal Facilities

- **WCS Disposal Facility in Texas (Regional Facility)**
 - WCS holds a license from the State of Texas for the disposal of LLRW (Class A, B and C), federal LLRW and mixed waste
 - Provides for disposal of bulk waste, containerized waste and large components
 - Annual limit on radioactivity of out-of-compact waste is 275,000 Ci
 - No annual limit on volume of out-of-compact waste
 - License Renewal is expected by September of 2024
 - Construction of new cell allows for additional capacity
 - Update on Alaron's Request for Authorization to Dispose of LLRW at the WCS Facility

Thank you

Questions?

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