



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Radiation Protection

Status of LLRW Compacts and Update on Commercial LLRW Disposal Facilities

Low-Level Radioactive Waste Advisory Committee Meeting

October 2, 2020

Tom Wolf, Governor

Patrick McDonnell, Secretary

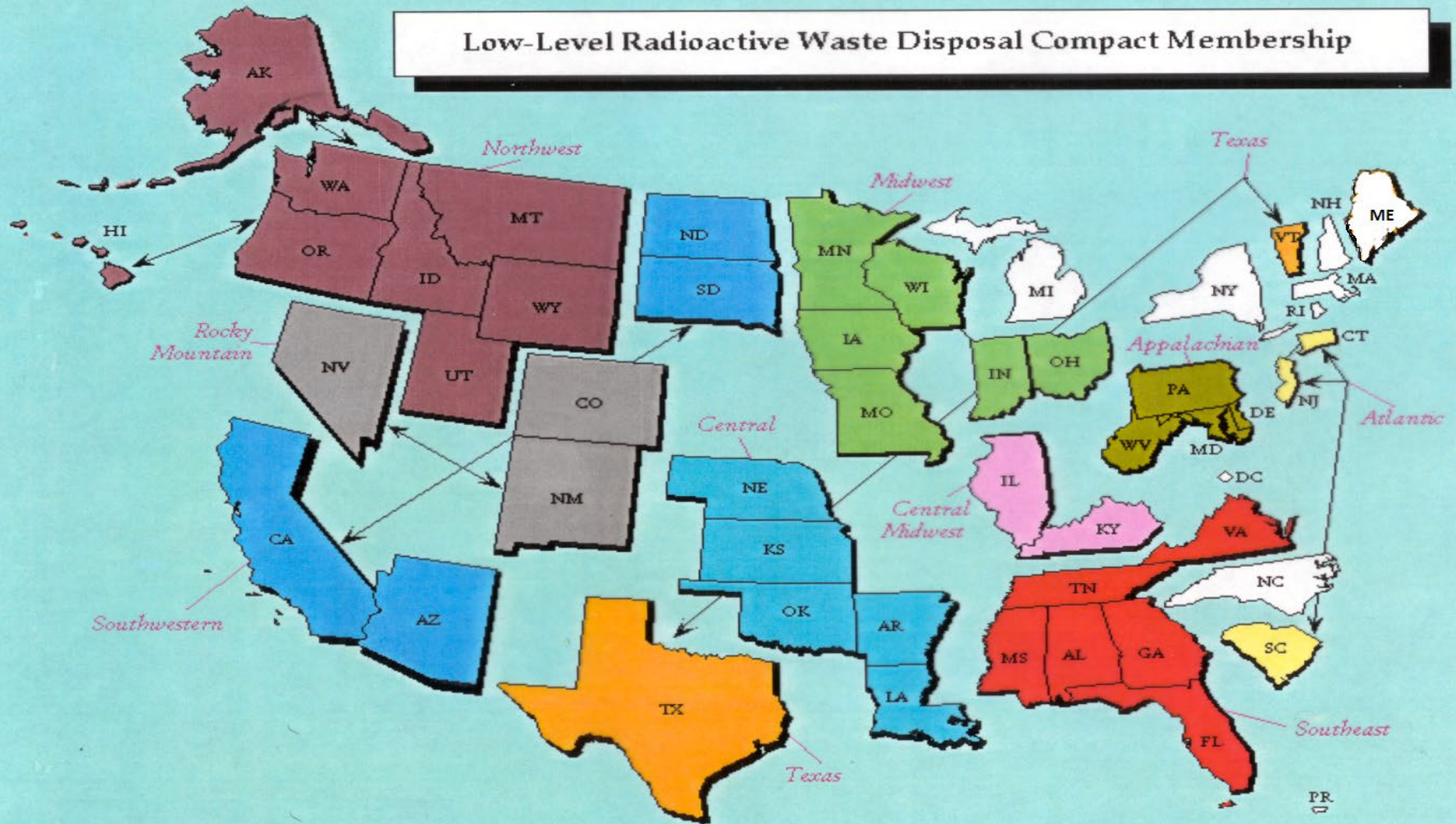
Background - Federal Legislation

Federal
Low-Level
Radioactive Waste
Policy Act

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

Status of LLRW Compacts

Low-Level Radioactive Waste Disposal Compact Membership



Status of Commercial LLRW Disposal Facilities

- **Barnwell Disposal Facility in South Carolina (Regional Facility)**
 - Annual: Accepts Class A, B and C wastes from the Atlantic Compact (CT, NJ, SC)
 - Annual: Closed to generators outside the Atlantic Compact as of July 1, 2008
- **Richland Facility in Washington (Regional Facility)**
 - Annual: Accepts Class A, B and C wastes from the Northwest and Rocky Mountain Compacts (11 states in 2 compacts)
- **EnergySolutions Facility in Utah (not a Regional Facility)**
 - Annual: Accepts Class A waste (soil, resin, filters, operational waste, large components) from the entire nation except the Northwest and Rocky Mountain Compacts
 - Annual: Processes radioactive liquids
 - Annual: Provides for disposal of bulk waste, containerized waste, large components, and mixed waste
 - Annual: Transports large components for disposal

Status of Commercial LLRW Disposal Facilities

- **WCS Disposal Facility in Texas (Regional Facility)**
 - Accepts commercial LLRW (Class A, **B and C**) and federal LLRW and mixed waste
 - Annual limit on radioactivity of out-of-compact waste is 275,000 Ci
 - No annual limit on volume of out-of-compact waste
 - Texas Commission on Environmental Quality approved the Request by WCS to lower the fees for waste disposal
 - NRC issues draft Environmental Impact Statement for the WCS proposed Consolidated Interim Storage Facility (CISF) in Texas

Questions?

Rich Janati, M.S.

Bureau of Radiation Protection

Phone: 717-787-2163

rjanati@pa.gov