Phase 1 Decommissioning and Phase 2 Decision

West Valley Citizen Task Force

April 23, 2025

Phased Decisionmaking

In 2010, DOE published the Final Environmental Impact Statement and Record of Decision (ROD) for Decommissioning and/or Long-Term Stewardship at the West Valley Demonstration Project (WVDP) and the Western New York Nuclear Service Center (WNYNSC).

- **Phased Decisionmaking ROD**
- **Phase 1 Decommissioning Plan**

- **Final Decommissioning ROD**
- **Phase 2 Decommissioning Plan**

Phase 1 Decommissioning

Phase 1A Facility Disposition

- Relocate 275 HLW Canisters to new dry cask storage facility
- Ship legacy Low Level Waste
- Demolish Vitrification Facility (VF) and Main Plant Process Building (MPPB)
- Remove ancillary facilities

Phase 1B Soil Remediation

- Remove Below Grade Portion of MPPB (including source area of plume) and VF
- Remove Lagoons and Liquid Waste Treatment Facility
- Ship Legacy TRU Waste
- Remove Remote-Handled Waste Facility and remaining ancillary facilities
- Remediate all WMA 1 & 2 Soil

Phase 2 Decommissioning

Phase 2 Decisions

- Waste Tank Farm
- NRC-licensed Disposal Area
- Closure or decommissioning of the State-licensed Disposal Area
- Construction Demolition Debris Landfill
- Soil and sediment contamination

Phase 1 Decommissioning

Scope currently being performed by CH2MHill-BWXT West Valley, LLC (CHBWV)

Scope that will be performed by West Valley Cleanup Alliance, LLC (WVCA)

Phase 1 Decommissioning

Phase 1 - Facility Disposition

- Relocate 278 HLW Canisters to new dry cask storage facility ✓
- Demolish Vitrification Facility (VF) ✓ and Main Plant Process Building (MPPB) to grade
- Remove ancillary facilities ✓
- Ship legacy Low Level Waste ✓

Phase 1 – D&D and Soil Remediation

- Remove Below Grade Portion of MPPB (including source area of plume) and VF
- Remove Lagoons and Liquid Waste Treatment Facility
- Remediate all WMA 1 & 2 Soil
- Ship currently stored GTCC-like Waste
- Remove Remote Handled Waste Facility and remaining ancillary facilities

Phase 2 Decision Schedule