



U.S. DEPARTMENT OF
ENERGY



Presentation to the NWTRB

Integration Between DOE-HQ and DOE-SR Packaging/Shipping/Disposal of Spent Nuclear Fuel (SNF) and High Level Waste (HLW)

October 29, 2014

Jean M. Ridley, P.E.
Director
Waste Disposition Programs Div.



E_M Environmental Management

www.em.doe.gov

Integration between HQ and Savannah River

- SRS Current Planning
 - HLW acceptability - Waste Acceptance System and Requirements (DOE/RW-0351, Rev 5) and the Quality Assurance Requirements and Description (DOE-RW-0333P, Rev 20)
 - SR will continue to safely store and disposition aluminum clad Spent Nuclear Fuel and High Level Radioactive Waste
 - NRC's Safety Evaluation Report Vol. 3 (Post-Closure Performance) does not impact SRS's planning baseline
- HQ Planning
 - working to ensure SR HLW and SNF considered as DOE works to implement its strategy for disposal
 - evaluating 1985 decision to commingle commercial and defense SNF and HLW
 - addressing consent-based siting process to evaluate a new repository
- Other Factors:
 - Office of Nuclear Energy sponsored a qualitative technical report evaluating options for a permanent geologic repository (Sandia National Laboratory Report FCRD-UFD-2013-000371) - DOE concluded that vitrified waste forms from SRS could be demonstrated to comply with existing regulations

