



U.S. DEPARTMENT OF
ENERGY



Waste Management

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DOE Savannah River Operations Office

January 28, 2025

Topic 1

Topic 1	Work Plan Item:	Integrated Liquid Waste Processing System at Savannah River Site, Liquid Waste System Plan, Revision 23
	Description:	<p>Description: The Integrated Liquid Waste Processing System at Savannah River Site, Liquid Waste System Plan, Revision 23 (System Plan Rev23) was approved and issued by the Department of Energy (DOE) Savannah River Operations Office (SR) in March 2023. The purpose of the System Plan is to integrate and document the activities required to disposition the existing and future high-level waste (HLW) and remove from service radioactive liquid waste (LW) tanks and facilities belonging to DOE-SR through a risk-based approach. System Plan Rev23 the is roadmap for the LW mission to complete in 2037.</p> <p>The LW contractor, Savannah River Mission Completion (SRMC), utilized a recently developed, in collaboration with DBD, Inc., a combination process and chemical optimization model, capable of simulating various scenarios to better predict alternate paths to complete the LW mission by the end of 2037. As a result of System Plan Rev23, the Federal Facility Agreement between DOE-SR, the Environmental Protection Agency, and South Carolina Department of Health and Environmental Control was modified with updated regulatory milestones and commitments. The next update is anticipated to be completed by September 2025.</p> <p>Recommendation #1: From a community perspective, review System Plan Rev23 and make suggestions on how the information may be made more clear or easier to understand. Consider whether more information is needed in any section to provide improved understanding on the path to closure and termination of the LW program. Provide suggestions on needed additional sections, as appropriate.</p> <p>Recommendation #2: From a community perspective, provide an analysis and opportunities to reduce the time between preliminary cease waste removal and operational closure of tanks.</p>
	Recommendation Deadline:	<p>#1 – May 31, 2025</p> <p>#2 – October 31, 2025</p>

Planned Presentation Topics for Waste Disposition Sub-Committee

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