

Solid Waste Program

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*Savannah River Site Citizens Advisory Board
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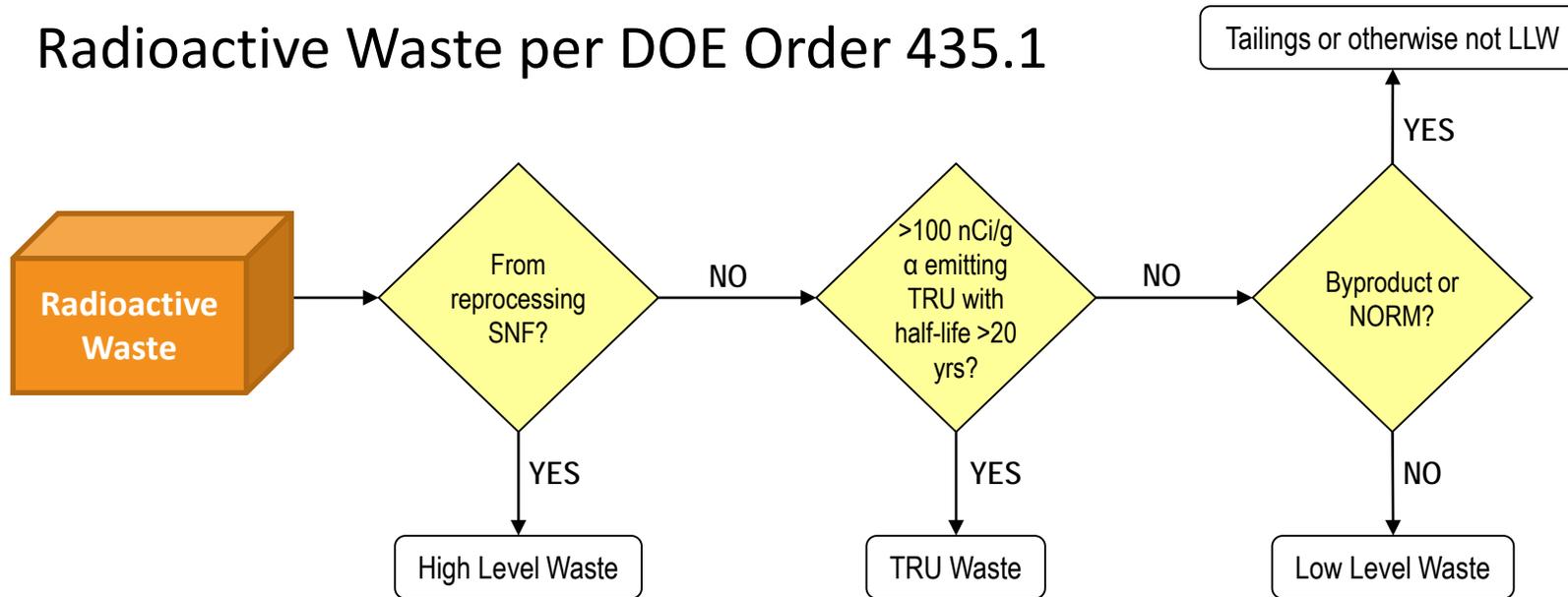
Waste Management

Performance-Based Objectives

- Manage DOE waste in a manner that is
 - Protective of worker health and safety
 - Protective of public health and safety
 - Protective of the environment
 - Compliant with all applicable laws and regulations

Radioactive Waste Management

Radioactive Waste per DOE Order 435.1



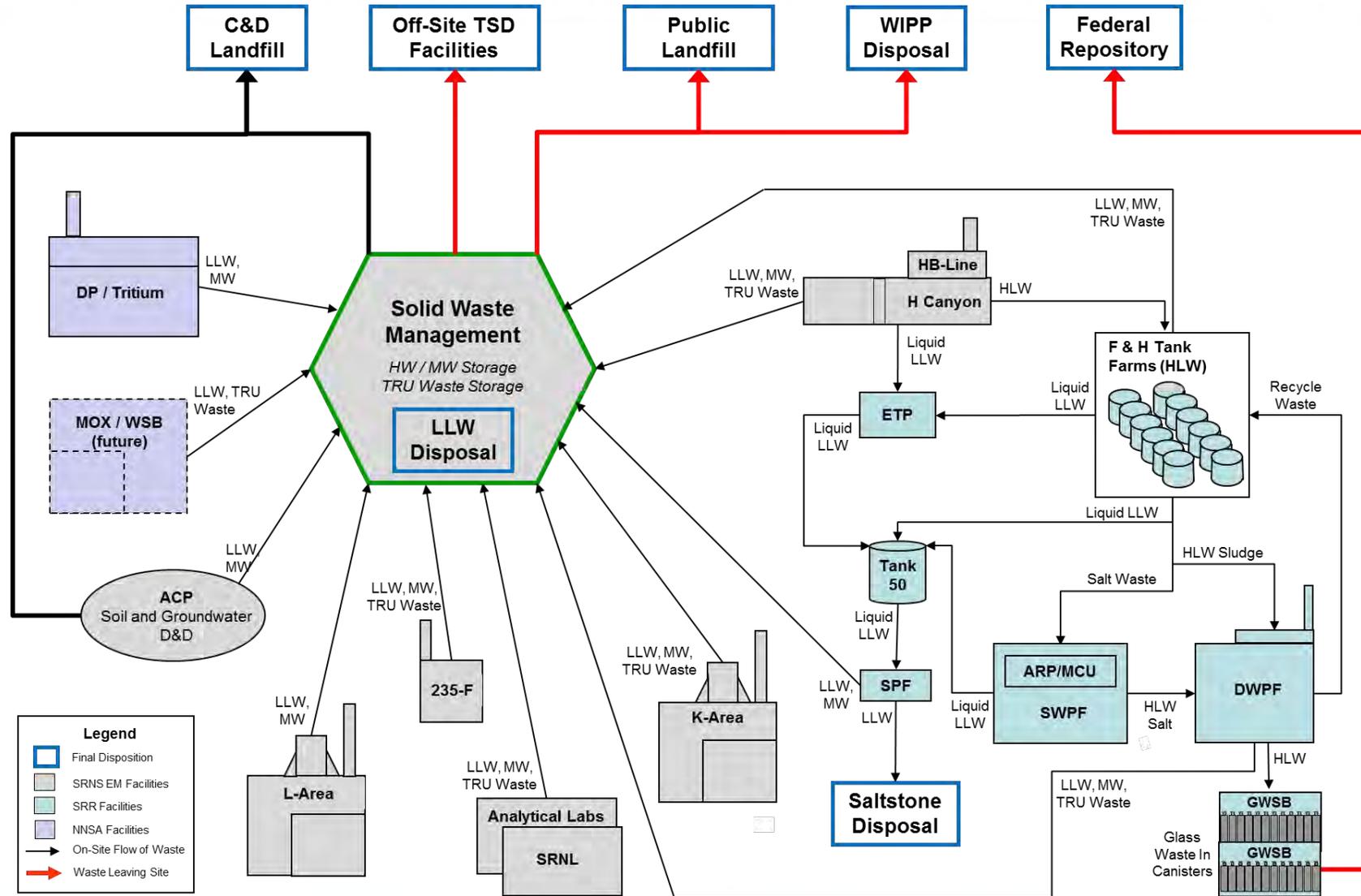
SNF – spent nuclear fuel

TRU – transuranic

NORM – naturally occurring radioactive material

LLW – low level waste

Waste Flows



Solid Waste Management Facility



Low Level Radioactive Waste

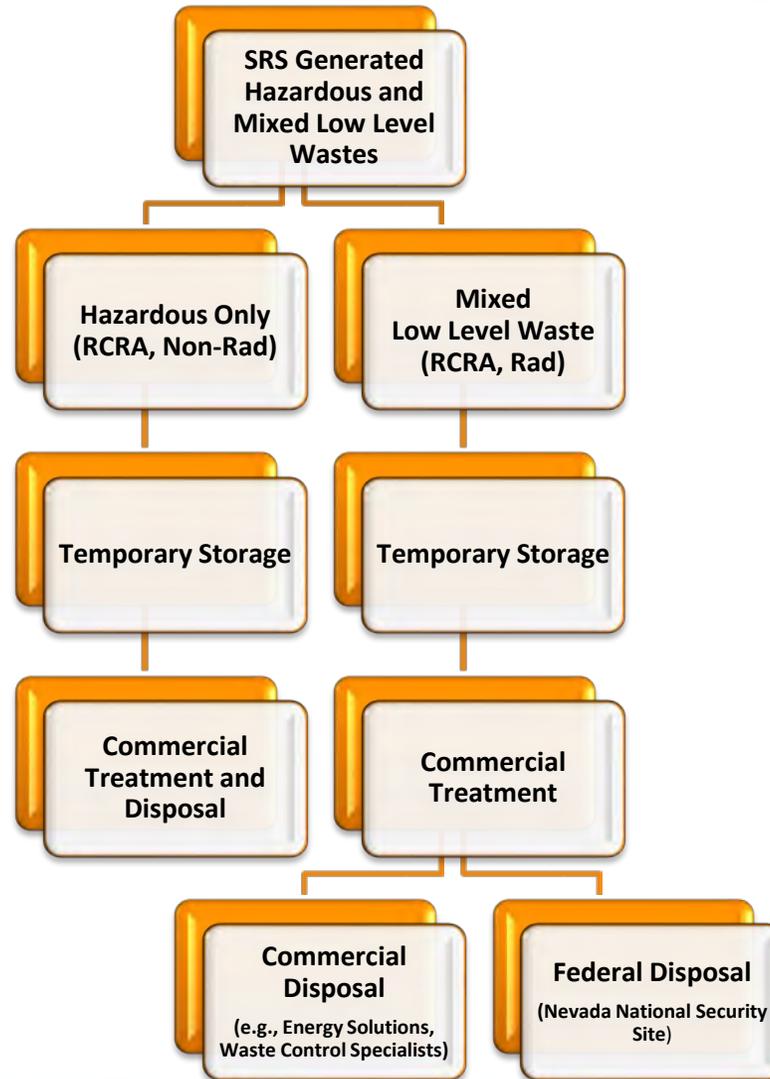


Low Level Radioactive Waste

- Generate approx. 5,000 cubic meters per year
- No legacy LLW in storage
- Only off-site receipts are from Naval Reactor Facilities (approx. 1,000 cubic meters per year)



Hazardous and Mixed Low Level Wastes



Hazardous and Mixed Low Level Wastes

- No legacy waste in storage
- Generate approx. 30 cubic meters per year
- RCRA permit allows up to one year of storage



Mixed and Low Level Wastes

- No LLW or Mixed LLW in storage at the end of FY18



Performance Measure	Unit of Measure	Actual FY17	Target FY18	Actual FY18	Cum To Date	End State	% Complete
Mixed & LLW – Legacy (Prior to April 2008)	Cubic Meters	-	-	-	103,171	103,171	100%
Mixed & LLW – Newly Generated	Cubic Meters	Met	< 400*	Met	< 400	< 400	Ongoing

* Storage of Mixed LLW & LLW planned for offsite disposal not to exceed 400 Cubic Meters at anytime

TRU Waste



TRU Waste

- Generate approx. 30 cubic meters per year
- FY18: Approx. 720 cubic meters in storage
- Meeting new WIPP waste acceptance criteria
- Shipments resumed in FY17



TRU Waste – Shipments to WIPP

- SRS waste streams included in National TRU Program prioritization
- Current Focus: SLB2 shipments (7)
- FY18 Shipments: 1
- FY17 Shipments: 9



Performance Measure	Unit of Measure	Actual FY17	Target FY18	Actual FY18	Cum To Date	End State	% Complete
TRU – Legacy Shipped (in storage Feb 2014)	Cubic Meters	55	0	9	10,686	11,323	94%
TRU – Newly Generated Shipped	Cubic Meters	0	0*	0	84	TBD	Ongoing

* Newly Generated TRU waste will not be shipped until after WIPP Characterization activities resume

Questions ?