

Solid Waste Management

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*Savannah River Site Citizens Advisory Board
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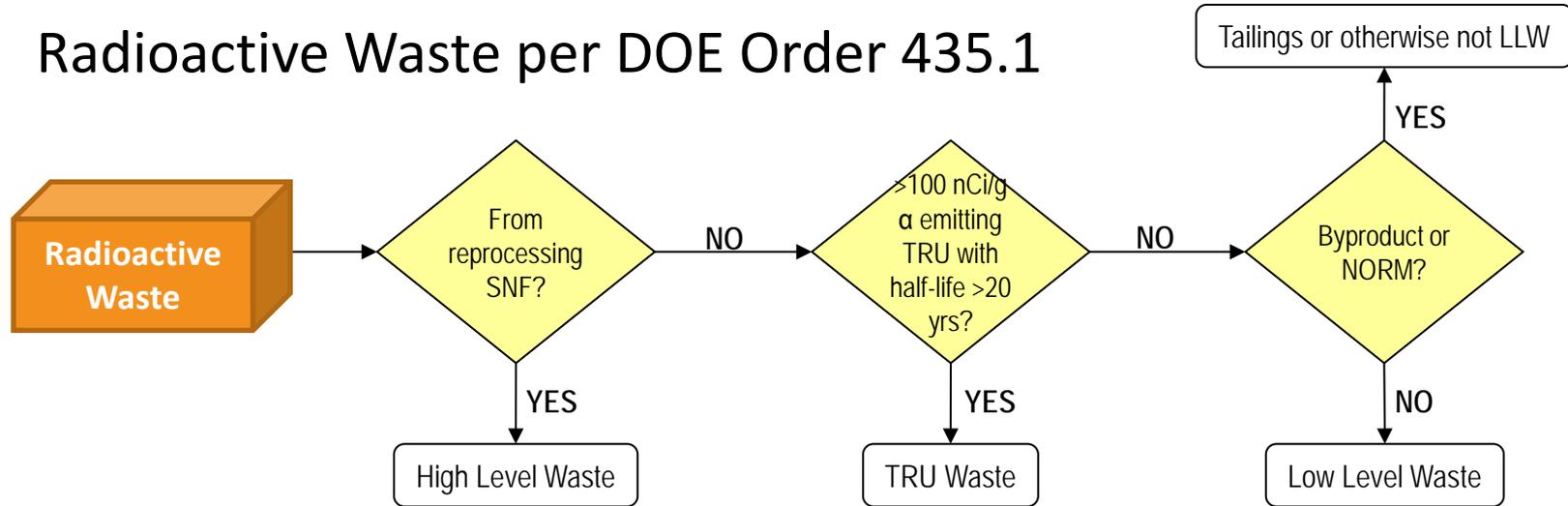
Waste Management

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



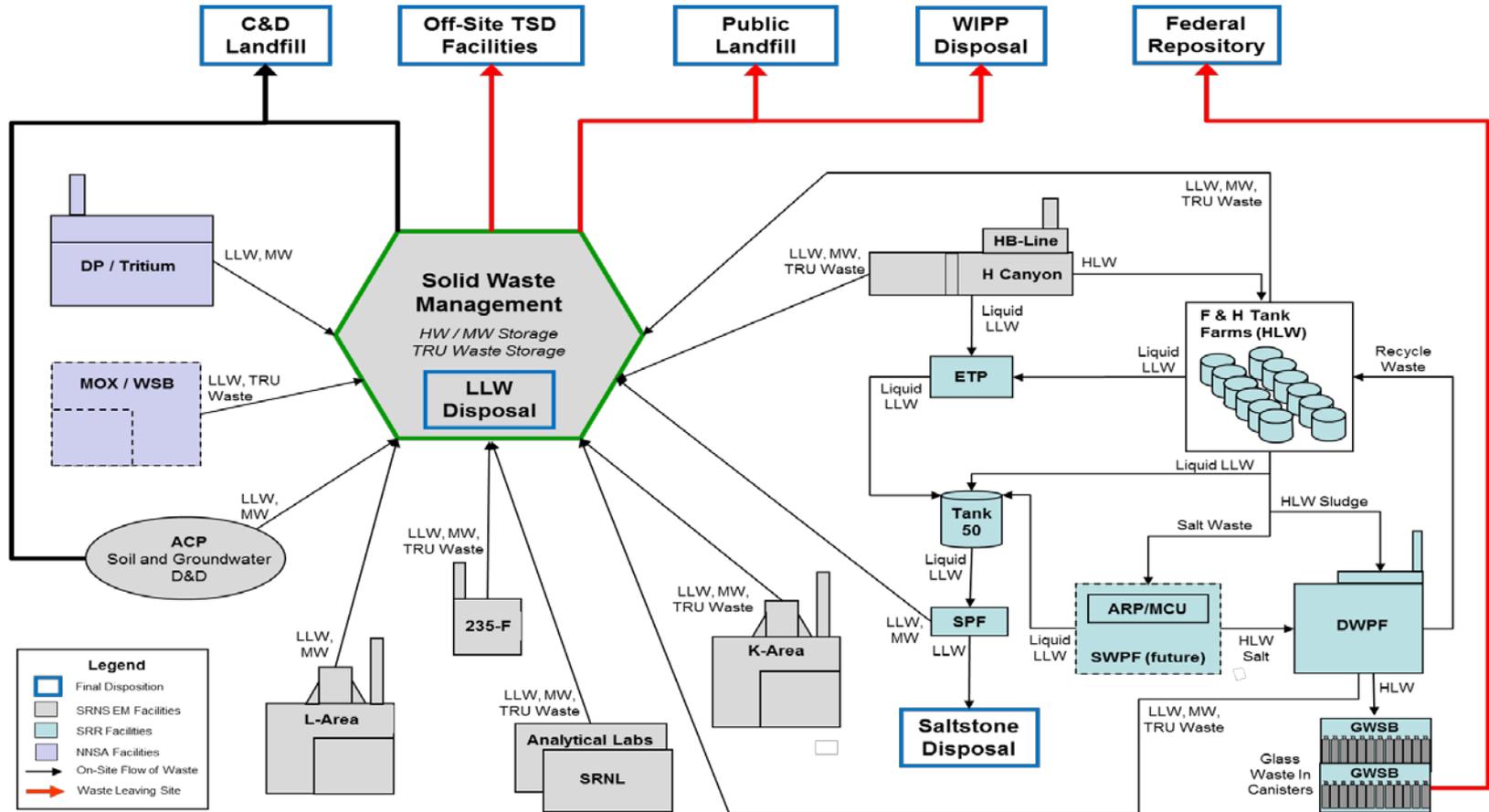
SNF – spent nuclear fuel

TRU – transuranic

NORM – naturally occurring radioactive material

LLW – low level waste

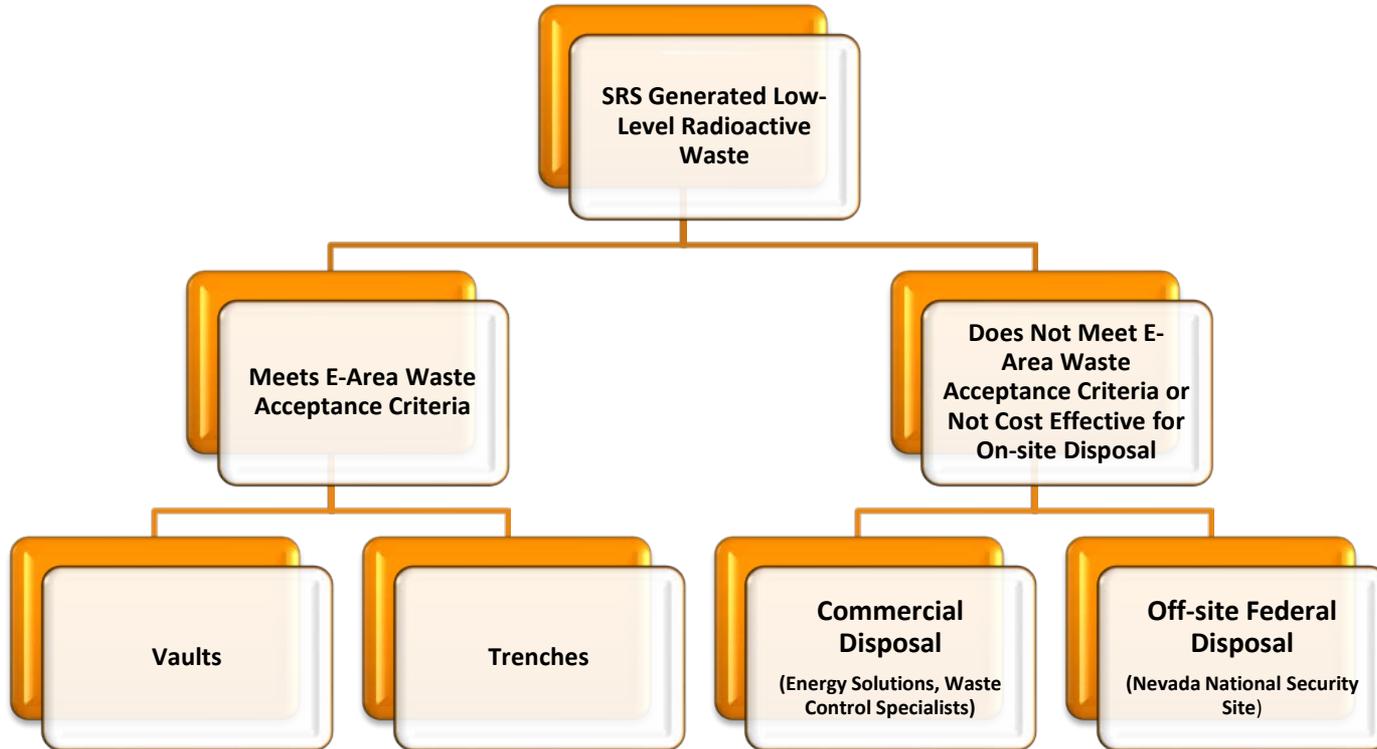
Waste Flows



Solid Waste Management Facility

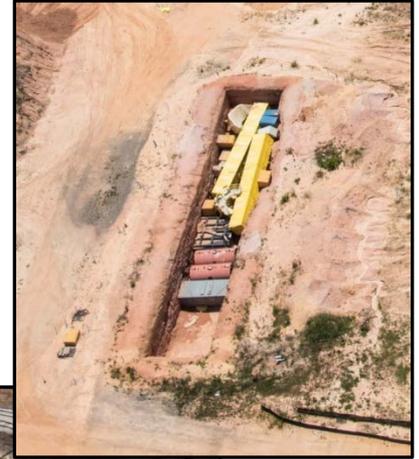


Low Level Radioactive Waste

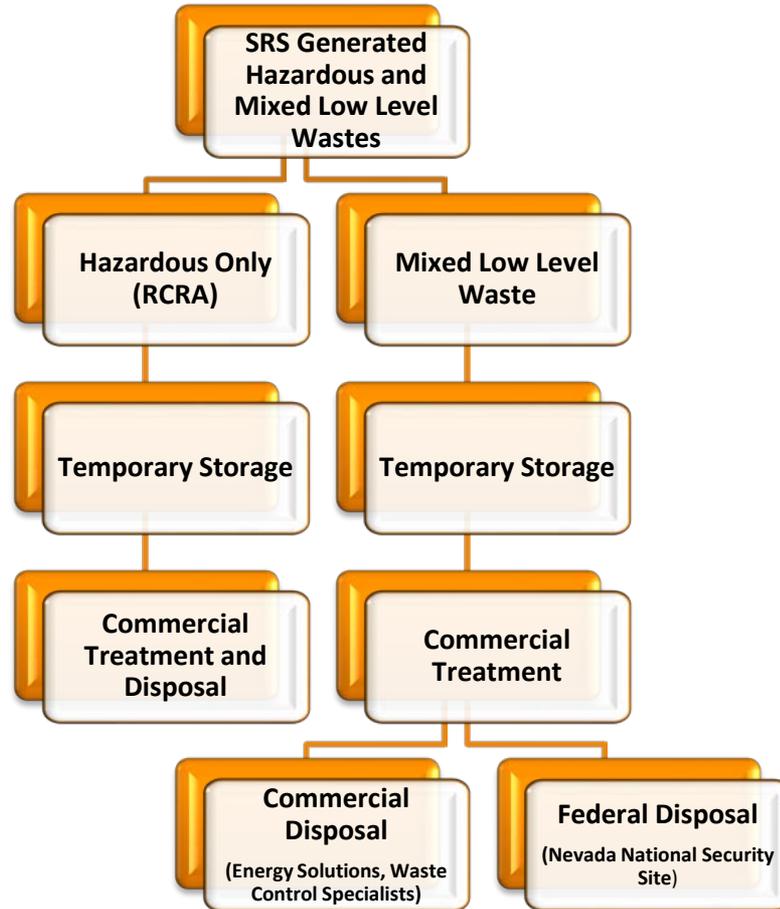


Low Level Radioactive Waste

- Generate approximately 5,000 cubic meters per year
- No legacy waste in storage
- Only off-site receipts are from Naval Reactor Facilities



Hazardous and Mixed Low Level Wastes



Hazardous and Mixed Low Level Wastes

- No legacy waste in storage
- Generate approximately 30 cubic meters per year
- Permit only allows storage up to one year



TRU Waste

SRS Generated
TRU Waste

Packaged to
WIPP
Requirements

Perform WIPP
Characterization

Meets WIPP Waste
Acceptance
Criteria

Ship to WIPP
for Disposal



TRU Waste

- Generate approximately 30 cubic meters per year
- Approximately 750 cubic meters in storage
- Working to meet new WIPP waste acceptance criteria
- Preparing to resume shipments



Questions ?