



# Minimum Safe Operations

**\$6.2B** | *Over the next 10 years, continues through the end of cleanup*

- Protection of Special Nuclear Materials
- Long-Term Stewardship
- Environmental Monitoring
- Safeguards & Security
- Public Safety



*Safeguards and Security*



*Public Safety*



*Long-Term Stewardship / Environmental Monitoring*



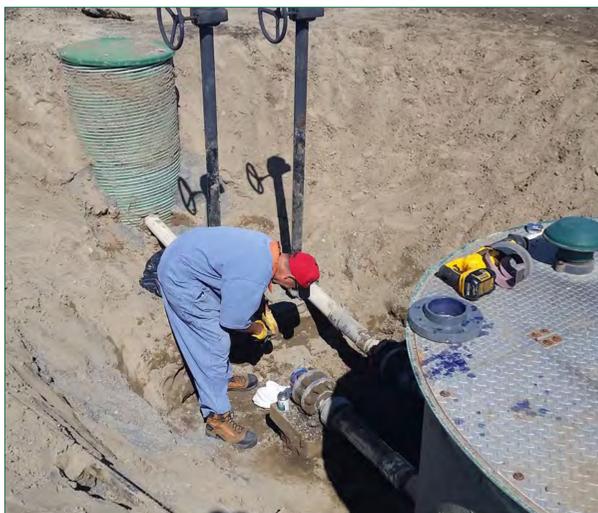
*Resource and Asset Protection*



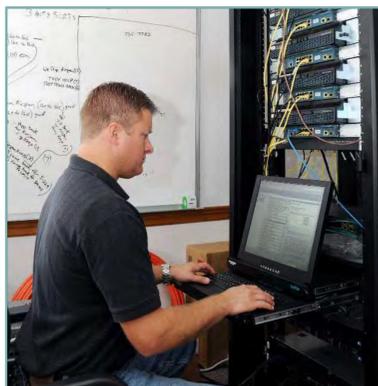
# Infrastructure

**\$400M** | Over the next 10 years, continues through the end of cleanup

- Telecommunications
- Power
- Water
- Sewer
- Roads



**Sewer System**



**Telecommunications**



**Roads**



**Fleet Services**



**Power**



# Groundwater Operations, Well Decommissioning and Implementation of RODs

**\$700M** | Over the next 10 years, much work remains



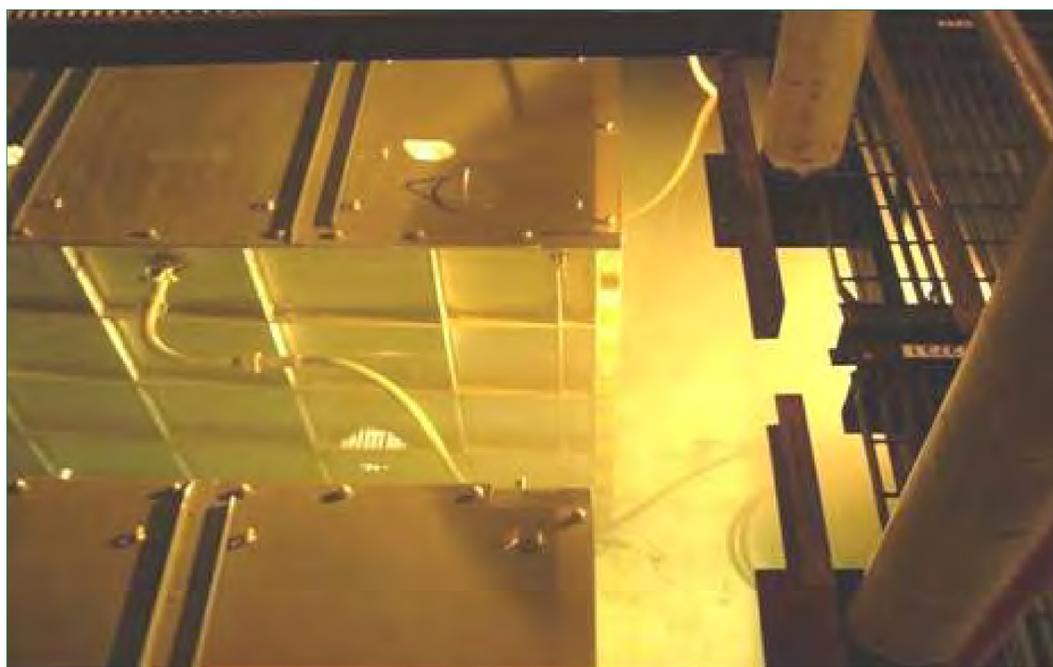
**200 West Pump and Treat Facility**





# K Area Sludge Removal

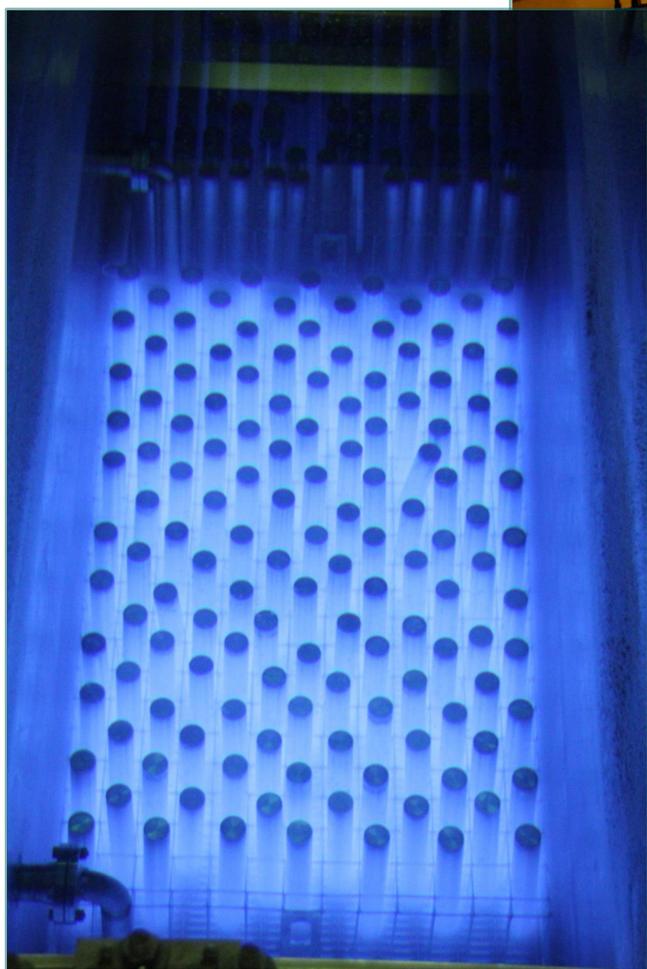
**\$660M** | *Over the next 10 years – includes treatment of sludge for final disposition*





# Cesium/Strontium Capsules to Dry Storage

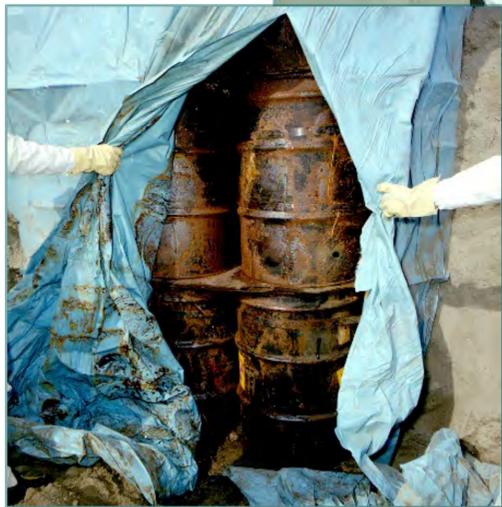
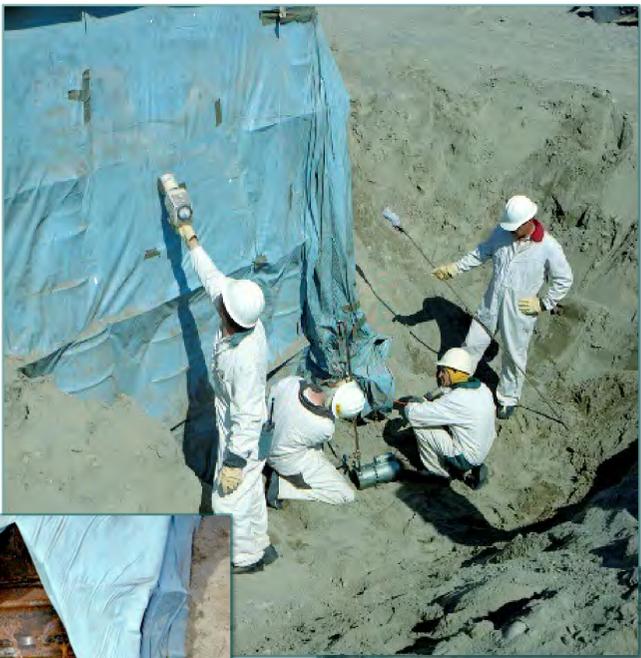
**\$150M** | *5 year effort to complete*





# Transuranic Waste (M-091 Series)

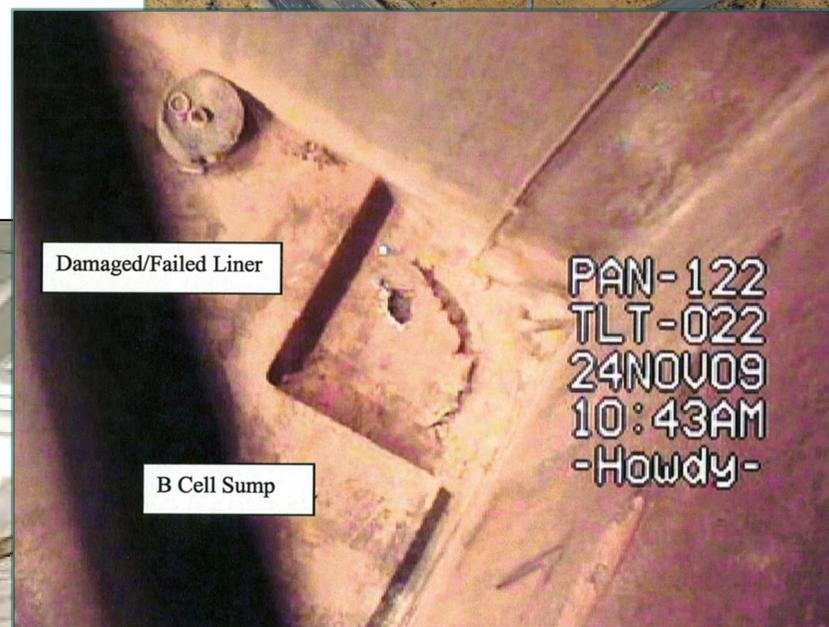
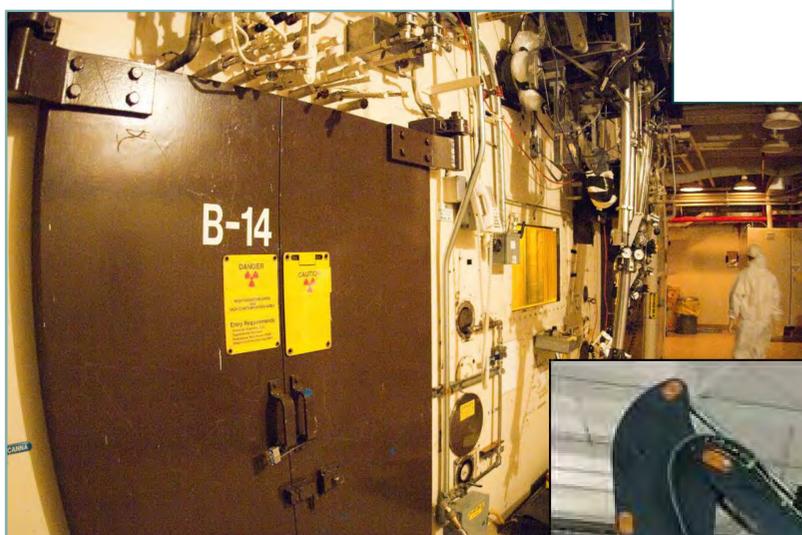
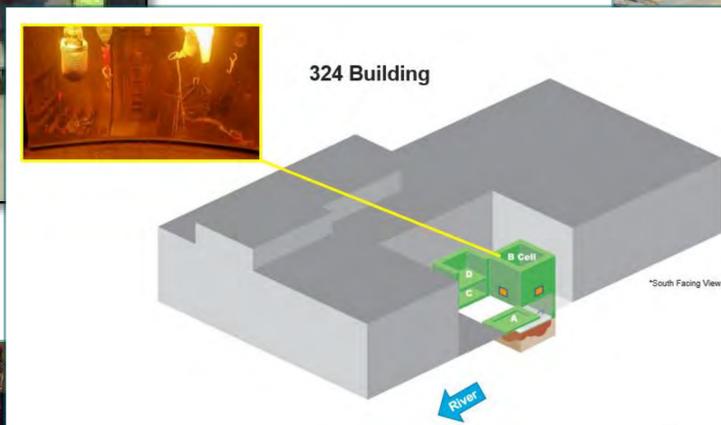
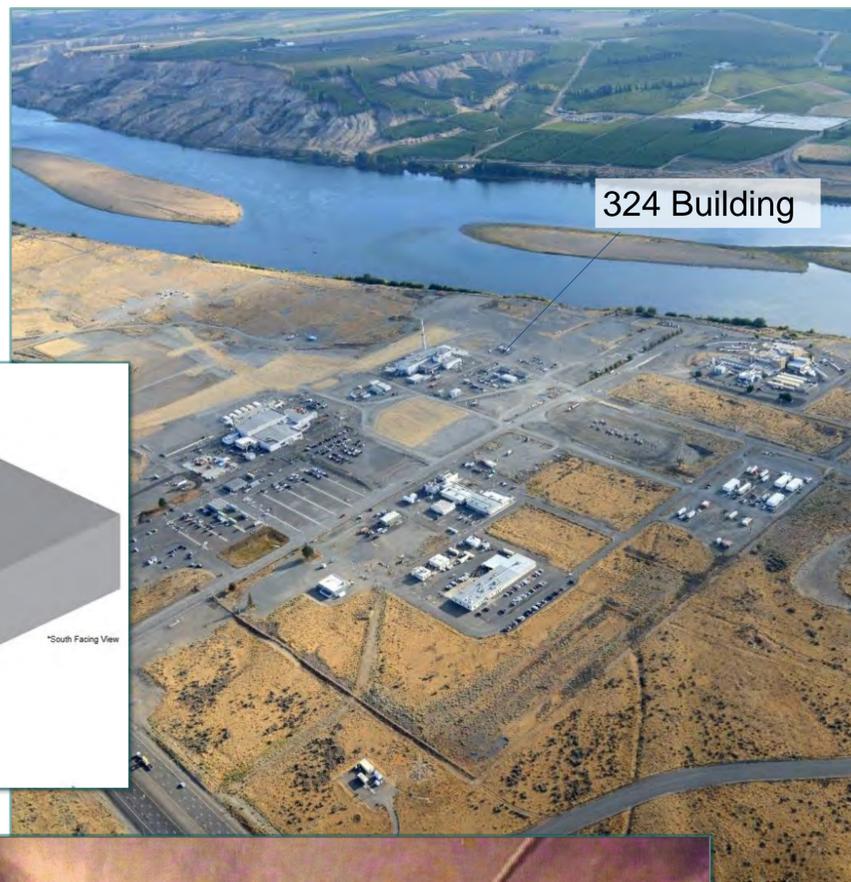
**\$1.2B** | *Over the next 10 years*





# 300-296 Waste Site Remediation 324 Building

**\$302M** | Over next 5 years

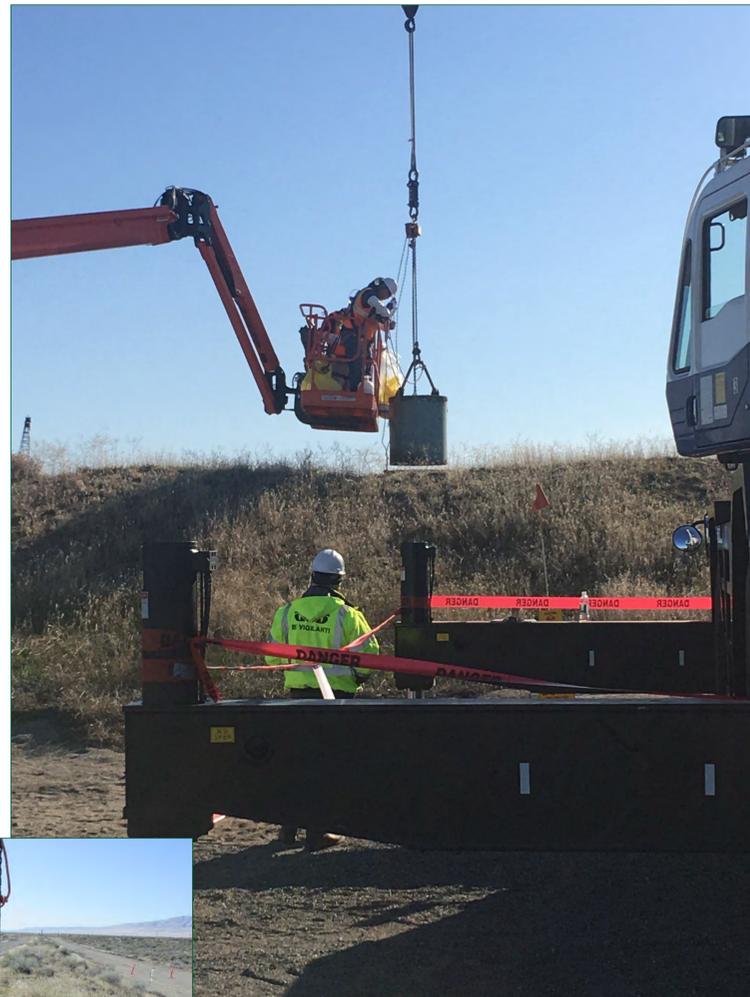




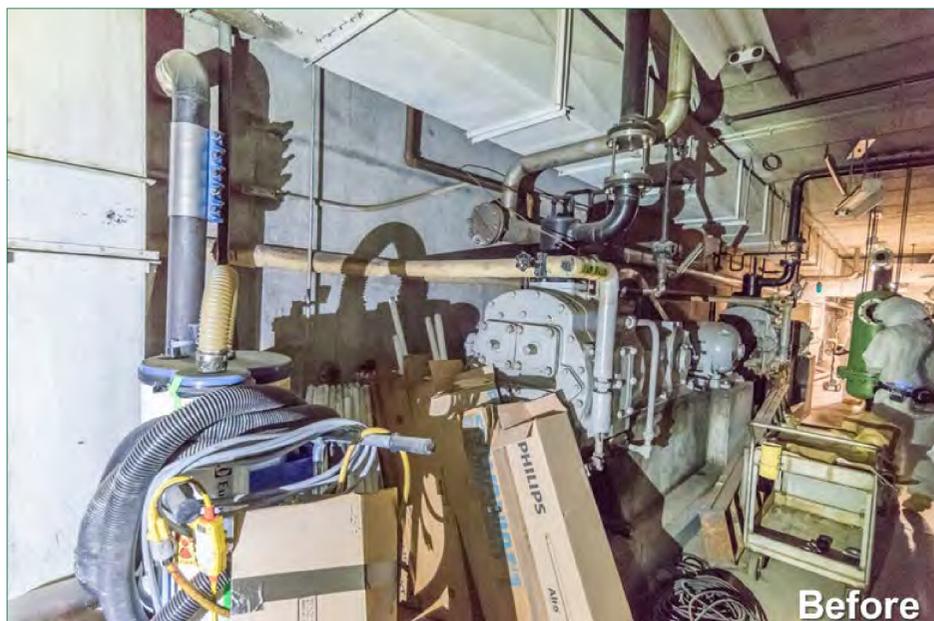
# Aging Facility Risk Mitigation

**\$500M** | Over the next 10 years (aging facilities), continues through the end of cleanup

After



After



Before



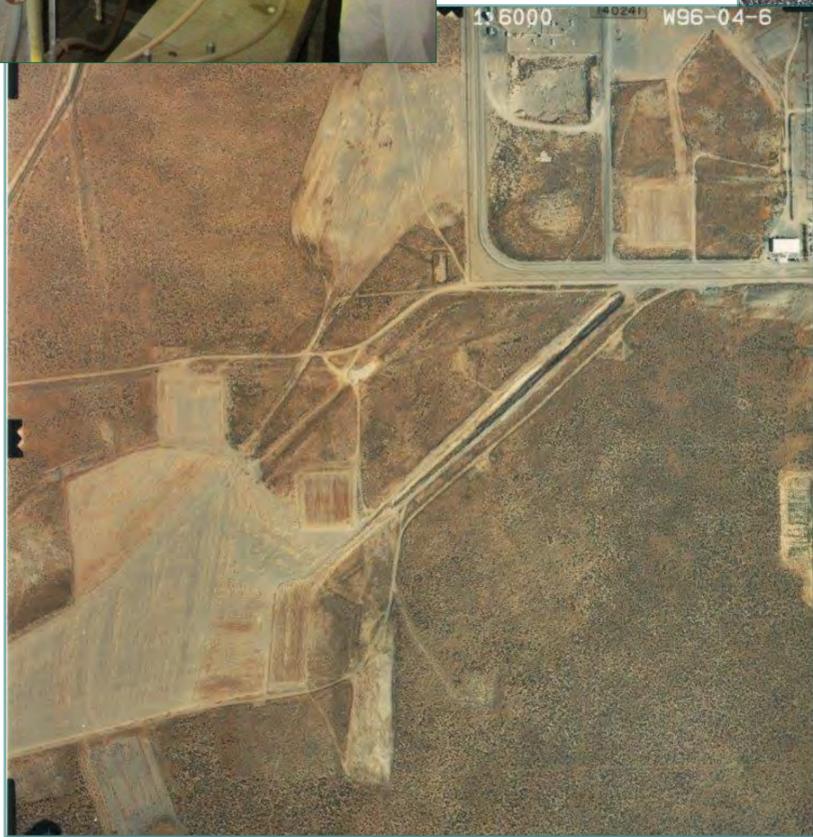
After





# Central Plateau Remediation

**\$1.1B** | *Over the next 10 years, much work remains*





# Plutonium Finishing Plant

**\$80M**

*Estimate of work to completion*



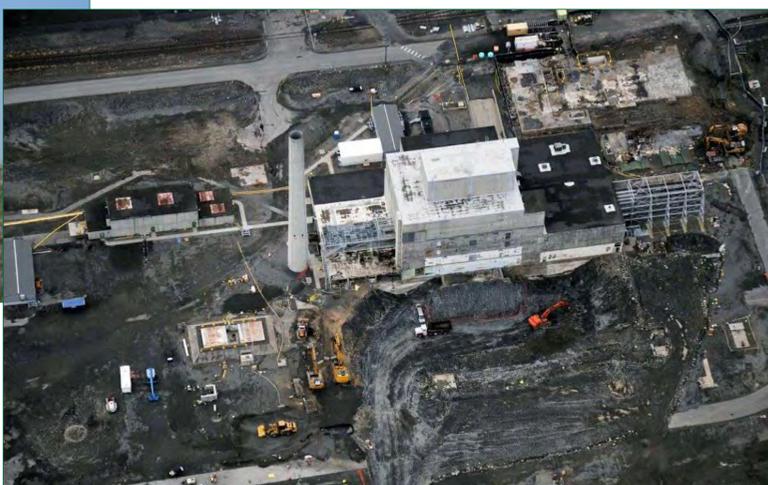


# 100 K Reactor Interim Safe Storage and Waste Site Remediation

**\$350M** | 5 year effort from when restarted



**Cocooning K Reactors**



**Example of Cocooned Reactors**



# Risk Reduction

**\$50M**

Two year effort to complete stabilization of PUREX Tunnel 2

