



**U.S. DEPARTMENT *of* ENERGY**

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**Office of Environmental Management**

*Hanford Field Office*

# Hanford 100 K Area Status

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Presented to Oregon Hanford Cleanup Board

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# 100 K Area Closure



105 K West Reactor



105 K East Reactor in Interim Safe Storage

# 100 K Area Project Overview

- Key Mission Requirements
  - Complete remediation of the 100 K Area waste sites.
  - Demolish the K West Basin and other structures. P
  - Place K West Reactor in Interim Safe Storage (ISS) – last reactor to be completed

# K West Reactor Exhaust Stack Demolition



# K West Reactor Stack Debris-Size Reduction



Reducing the size of the exhaust stack for transport to the Environmental Restoration Disposal Facility.

# K West Reactor Stack Debris Loadout



An operator works belowgrade to load out debris from the exhaust stack demolition.

# 100 K Fuel Oil Draining



Workers on the east side of the reactor drain fuel oil from piping that supported the ventilation system exhaust fans

# K West Fuel Basin Asbestos Abatement



Crews remove asbestos-containing insulation from the reactor's used nuclear fuel basin.

# K West Reactor Belowgrade Demolition



The demolition team works belowgrade to demolish the reactor's administrative areas.

# K West Reactor East Side Demolition



Demolishing the control room and administrative areas on the east side of the reactor.

# K West Reactor Supply Fan Demolition



Demolishing the supply fan room on the southwest side of the reactor

# *Questions?*

