Briefing Purpose

What is being briefed:
• Purpose of the K East Reactor Interim Safe Storage (ISS) project
• Explanation of recent decision documents
• Capsule Dry-Storage Project
K East ISS Update

Purpose:

• The safe storage enclosure will allow radiation inside the reactor to dissipate over a period of decades, until it can be dismantled and safely disposed of

Size:

• 158 feet long by 151 feet wide by 123 feet tall

Rendering of 105 K East safe storage enclosure
K East ISS Update (cont.)

K East foundation concrete pour

February 2022

K East foundation construction complete

March 2022
K East Cocooning Video

https://www.youtube.com/watch?v=OsDIpp7phgs
Steel delivery staged for K East Interim Safe Storage erection

- Steel fabrication complete
- Steel delivered to site
- Safe storage enclosure erection began April 2022
Hanford Groundwater Treatment Highlights

We have treated 2.2 billion gallons (or more) of groundwater for the last seven years in a row.

The 200 West Pump and Treat Facility has been operational since 2012.
Decision documents signed for areas 100-BC, 100-K and 200-BP-5 / 200-PO-1

Hanford Site groundwater treatment areas
Waste Encapsulation and Storage Facility Modification Progress Updates

- **Manipulator repair shop**
  - March 2022

- **Operations gallery tubing and compressor**
  - January 2022
Waste Encapsulation and Storage Facility Modification Progress Updates (cont.)

March 2022

Truckport transfer pad concrete pour

March 2022

Two HVAC units
Cask Storage System Progress
Updates

Recovery shield assembly

Automatic welding system

G-Cell upender
Full-scale mock-up manipulator equipment

December 2021
Capsule Dry-Storage Area

Dry-Storage Area before construction

Dry-Storage Area construction complete
Questions?