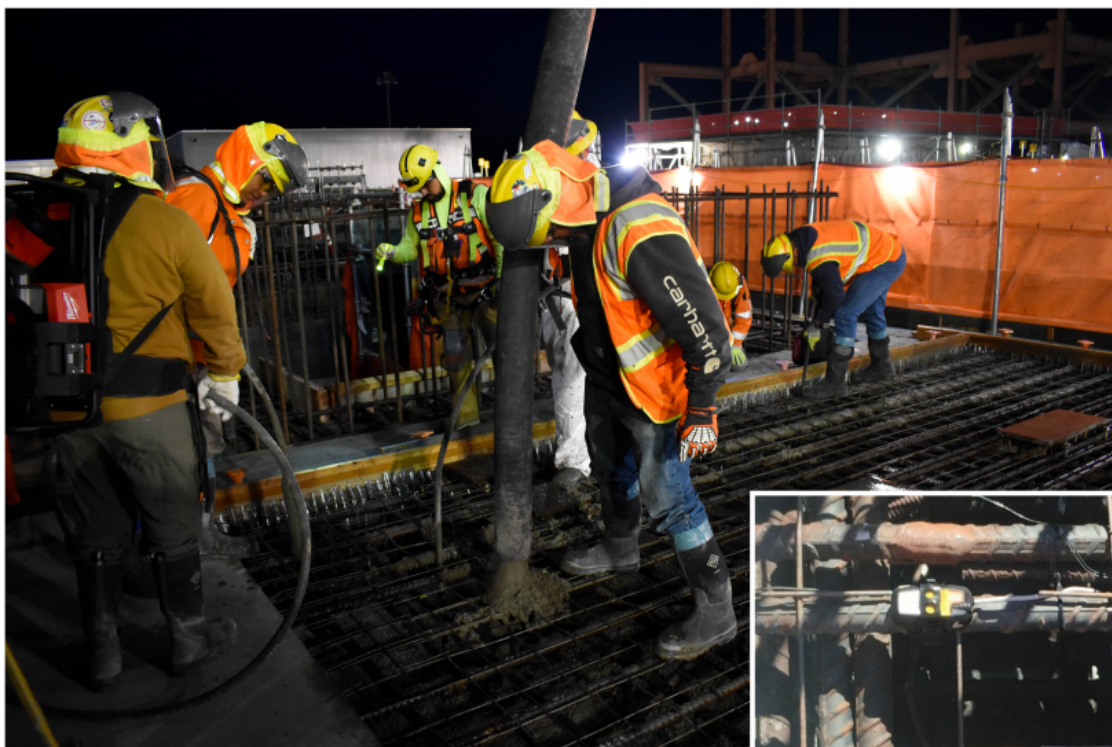


November 8, 2024 Hanford News & Updates

Crews Place Remote Temperature Sensors at Hanford Plant

By DOE EM Staff November 5, 2024



Construction crews recently created two concrete placements using new wireless temperature sensors at the Hanford Site Waste Treatment and Immobilization Plant's High-Level Waste Facility.

The sensors, which are permanently embedded in the concrete during placement, record temperatures as the concrete cures to ensure it meets nuclear quality standards.

Engineers monitored the temperatures remotely in real time via a website and app, eliminating the need for physical monitoring and allowing for greater flexibility in scheduling more concrete placements.

The sensors upload temperature readings every 15 minutes to a central hub on the facility's roof and alert engineers if temperatures fall below the desired threshold.

[Read More](#)

Tank Waste Treated for Hanford Site TBI Demonstration

By DOE EM Staff, October 29, 2024

About 2,000 gallons of radioactive and chemical tank waste is one step closer to disposal as part of a treatment technology demonstration at the Hanford Site.

Hanford tank operations contractor Washington River Protection Solutions (WRPS) recently completed treatment operations of the Test Bed Initiative (TBI) demonstration project. This project utilized a treatment system placed inside one of the site's massive underground waste storage tanks to remove cesium and other solids from 2,000 gallons of low-activity tank waste, removing over 98% of the radioactivity.



[Read More](#)

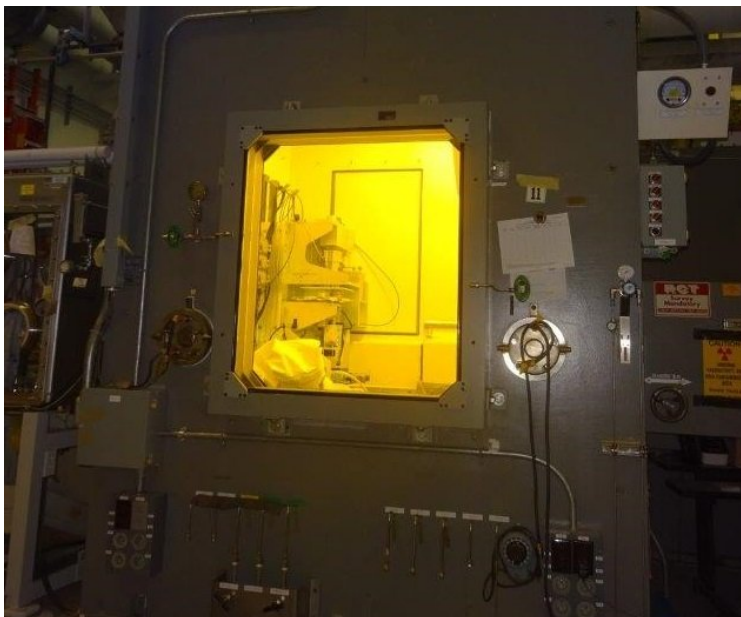
Hanford Laboratory Completes Hot Cell Window Replacement Project

By DOE EM October 29, 2024

Workers recently completed an 18-month project of replacing 11 hot cell windows at the 222-S Laboratory on the Hanford Site.

Hanford contractor Navarro-ATL manages the laboratory, which provides critical analyses for all onsite projects. Lab technicians use specially designed hot cells to remotely handle highly radioactive samples of tank waste while minimizing radiation exposure.

[Read More](#)



Take a look at huge nuclear submarine compartments' journey to Tri-Cities resting place

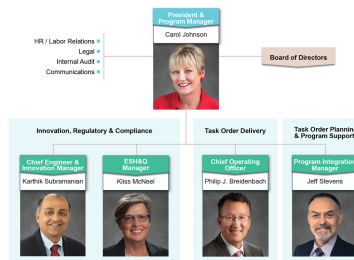
By Annette Cary | November 1, 2024

Two more nuclear submarine reactor compartments were floated by barge through the Tri-Cities in October on their way to the Hanford nuclear site.

The U.S. Navy does not make its shipment schedule public, but some Washington and Oregon residents spotted the reactor compartments, minus their nuclear fuel, on their 700-mile journeys by barge in October.

At the Port of Benton in Richland the compartments from the USS City of Corpus Christi and USS Portsmouth submarines were offloaded and hauled to Trench 94 in the center of Hanford. The Department of Energy said they were the 143rd and 144th reactor compartment packages shipped by the Navy from the Puget Sound to Hanford since 1986, when Trench 94 received its first shipment for disposal.

[Read More Here](#)



What we know about Hanford's new \$45B contractor's plans for workers, Tri-Cities

By Annette Cary | October 29, 2024

Two familiar faces at the Hanford site are among the leadership of the winning bidders to provide up to \$45 billion of work at the nuclear reservation's tank farms and start waste treatment at the vitrification plant.

H2C started the transition to become the new contractor Oct. 15 and last week released more information on its plans, including confirming its subcontractors and discussing plans for subcontracting to small businesses and its commitments to the Tri-Cities community.

The contractor, owned by BWX Technologies, Amentum and Fluor companies, will complete the transition from the current tank farm contractor in mid February.

As H2C, short for Hanford Tank Waste Operations and Closure, brings in its own leadership team, it plans to hire almost all of the current tank farm workers, which numbered 2,800 at the start of the transition, including subcontractor employees.

[Read More Here](#)

What We're Listening To

In this festive, year-end edition of Let's Talk About Hanford, the Washington Department of Ecology is taking a nostalgic look back at how holidays were celebrated during the early days of the Hanford Site!

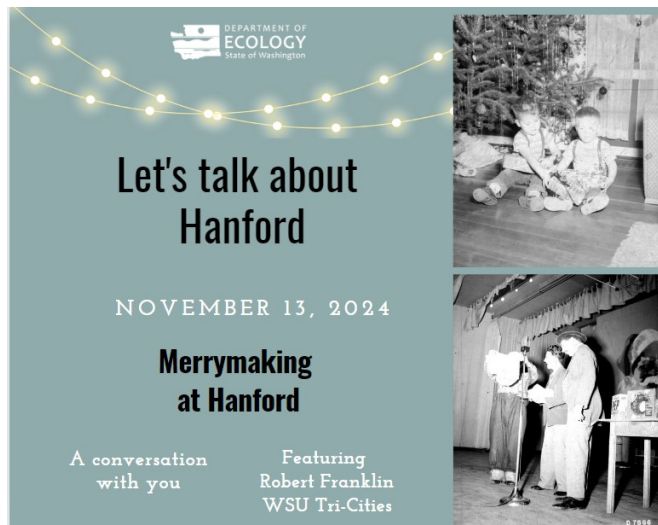
Their guest for this conversation is Professor Robert Franklin, a familiar face to those following the series on Hanford's history.

Professor Franklin serves as the Assistant Director and Archivist of the Hanford History Project, Director of the Hanford Oral History Project, and Assistant Professor of History at Washington State University Tri-Cities.

In this special episode, Franklin will explore the unique ways holidays were marked during Hanford's production years, giving viewers a glimpse into what "merrymaking" looked like for those who worked and lived at the site.

Let's Talk About Merrymaking at Hanford

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