1301-N Liquid Waste Disposal Facility

Closing Unit #2

- Received up to 4.3 million gallons/day of contaminated liquids from 1963 to 1985.
- Near N Reactor (that's the "N" part of its title).
- Workers removed most of the contaminated waste, but not all because of the risks, so they backfilled with clean soil.
- Trench is closed, but couldn't be clean closed.
- Closure of pipelines to 1301-N and 1325-N is underway.
- Groundwater here is contaminated.

Where did the waste come from?

The trench received huge volumes of cooling water from N Reactor. It also received dangerous waste from laboratories and spills in N Reactor. Though most of the waste is radioactive, chemical waste is also in the trench.

What will happen to the site?

The site can't be clean-closed because of the groundwater contamination. It will require monitoring after it's closed. Pipelines leading to this trench still need to be closed. The permit has a schedule for submittal of a design for a cap or justification for why a cap is not needed.

What's the risk?

Contamination will persist. After the closure actions, post-closure monitoring will be needed because groundwater there is already contaminated with tritium and strontium-90. Work to address the strontium-90 continues.

DEPARTMENT OF ECOLOGY
State of Washington

Protecting our air, land and water — today and for the future.