

Source Points

separations plant on the site. The PUREX process was key to Hanford's plutonium production mission during the Cold War era. Nearly 70 percent of Hanford's irradiated fuel rods were processed through PUREX, which was designed

to recover plutonium from uranium fuel.

Cleanup was focused on the north side of the main PUREX plant, where crews prepared the 211-A chemical storage area and the 203-A acid storage area for equipment removal and demolition. Both areas contain chemical storage tanks, structures, and equipment that supported operations.

The 211-A area contains 20 chemical storage tanks, while eight more small tanks are located inside a pump house. Crews began draining chemical lines inside the pump house to prepare for eventual demolition late last year. The lines were flushed during the 1990s, and it needed to be confirmed that no process fluids remained. Workers also inspected and sampled inside tanks that had not been opened in decades, ensuring that the tanks can be safely demolished in the coming months.



Hanford's Plutonium Uranium Extraction plant, showing the main facility (at center), the 211-A chemical storage area, and (in foreground) the 203-A acid storage area. (Photo: DOE)

Source Points continues

INTRODUCING THE NEW



NUCLEAR PAST. NUCLEAR FUTURE.

WWW.NFTINC.com

Environmental | Nuclear | Energy



- **Material Handling**
- **Advanced Manufacturing**
- **Safety Products**
- **Integrated Project Services**