



# By the Numbers Separations Process Research Unit

The Separations Process Research Unit (SPRU) is an inactive facility located at the Knolls Atomic Power Laboratory (KAPL) in Niskayuna, New York, near Schenectady. KAPL was created as a general-purpose laboratory for the former U.S. Atomic Energy Commission. Built in the late 1940s, the buildings G2 and H2 supported the SPRU mission to research the chemical process to extract plutonium from irradiated materials. Equipment was flushed and drained, and bulk waste was removed following the shutdown of the SPRU facilities in 1953. Today, the buildings and their contents have been removed and the area has been restored.



## 29,000

**square feet** of building footprint demolished.

## 14 shipments

**of residual liquids** from tanks shipped off-site for permanent disposal.

## 2021

**EM completed** the removal of the F-Yard equipment.

## 15 acres

**of land** remediated.

## >4,000

**shipments** of low-level waste.

## 9,700 gallons

**of residual liquid** from tanks treated through solidification.

## >80

**process vessels and tanks** removed and shipped for disposal.



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