

# Canister Research Overview

Sam Durbin  
Sandia National Laboratories

Steve Ross  
Pacific Northwest National Laboratory

Spent Fuel and Waste Disposition  
May 20, 2021

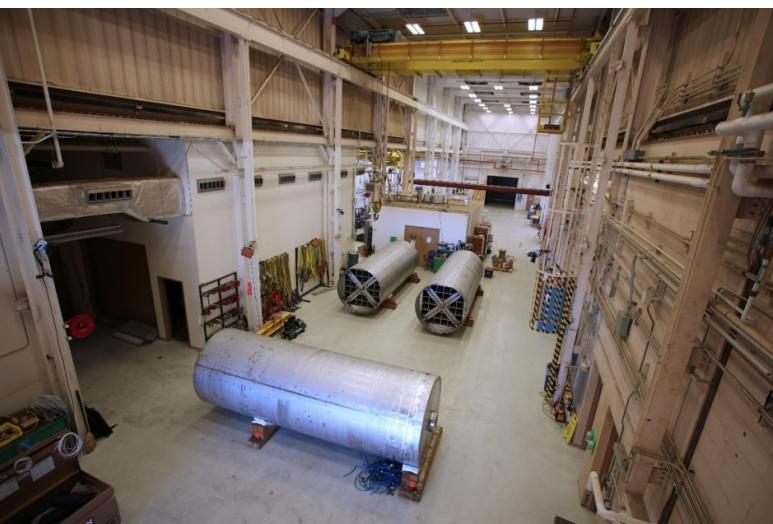
# Canister Distributions

ORG	32PTH2	24PT4	Test
SNL	3	0	Canister Deposition Field Demonstration
	1	1	Thermal and Drying
	0	1	Stress Corrosion Cracking (SCC) - Corrosion
	0	1	SCC - Mitigation and Repair
	1	0	Seismic
PNNL	0	2	Sensors
	0	1	Cold Spray Mitigation Testing
ORNL	0	1	Fillers
EPRI	1	2	Aging Management Research
<b>TOTAL</b>	<b>6</b>	<b>9</b>	

# SNL Deliveries



- Received on November 20, 2020
  - 3× 32PTH2
- Received on January 22, 2021
  - 2× 32PTH2, 3× 24PT4
- [https://www.sandia.gov/news/publications/labnews/articles/2020/12-04/NW\\_canisters.html](https://www.sandia.gov/news/publications/labnews/articles/2020/12-04/NW_canisters.html)

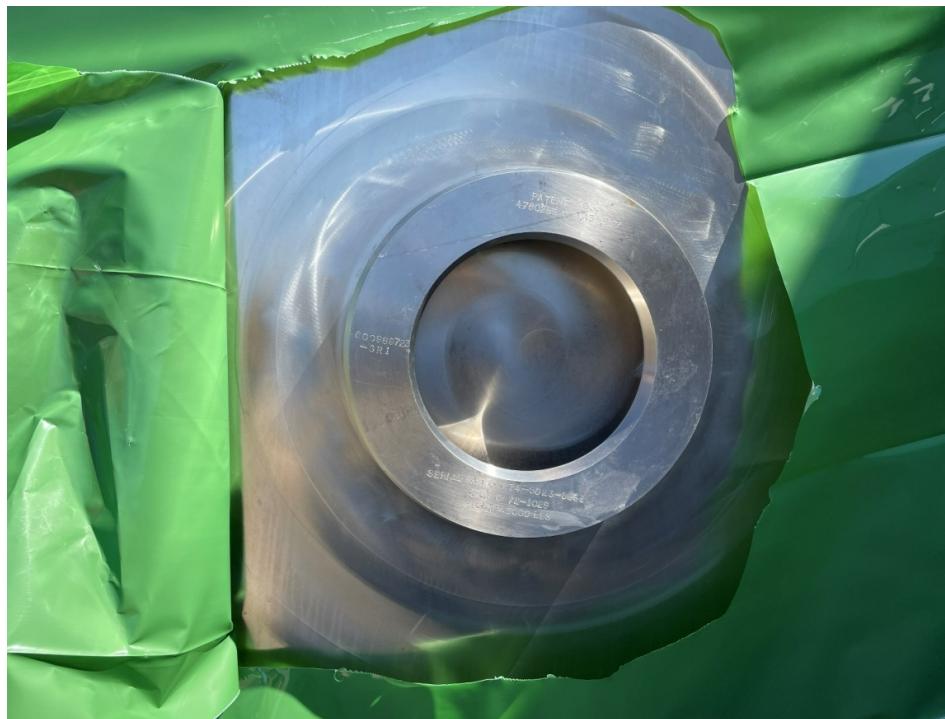


# PNNL Delivery



- Received on April 14, 2021
  - 3× 24PT4
- <https://www.pnnl.gov/news-media/canister-delivery-strengthen-nuclear-storage-research>

# ORNL Delivery



- Received on February 8, 2021
  - 1× 24PT4
- Photos from R. Montgomery