



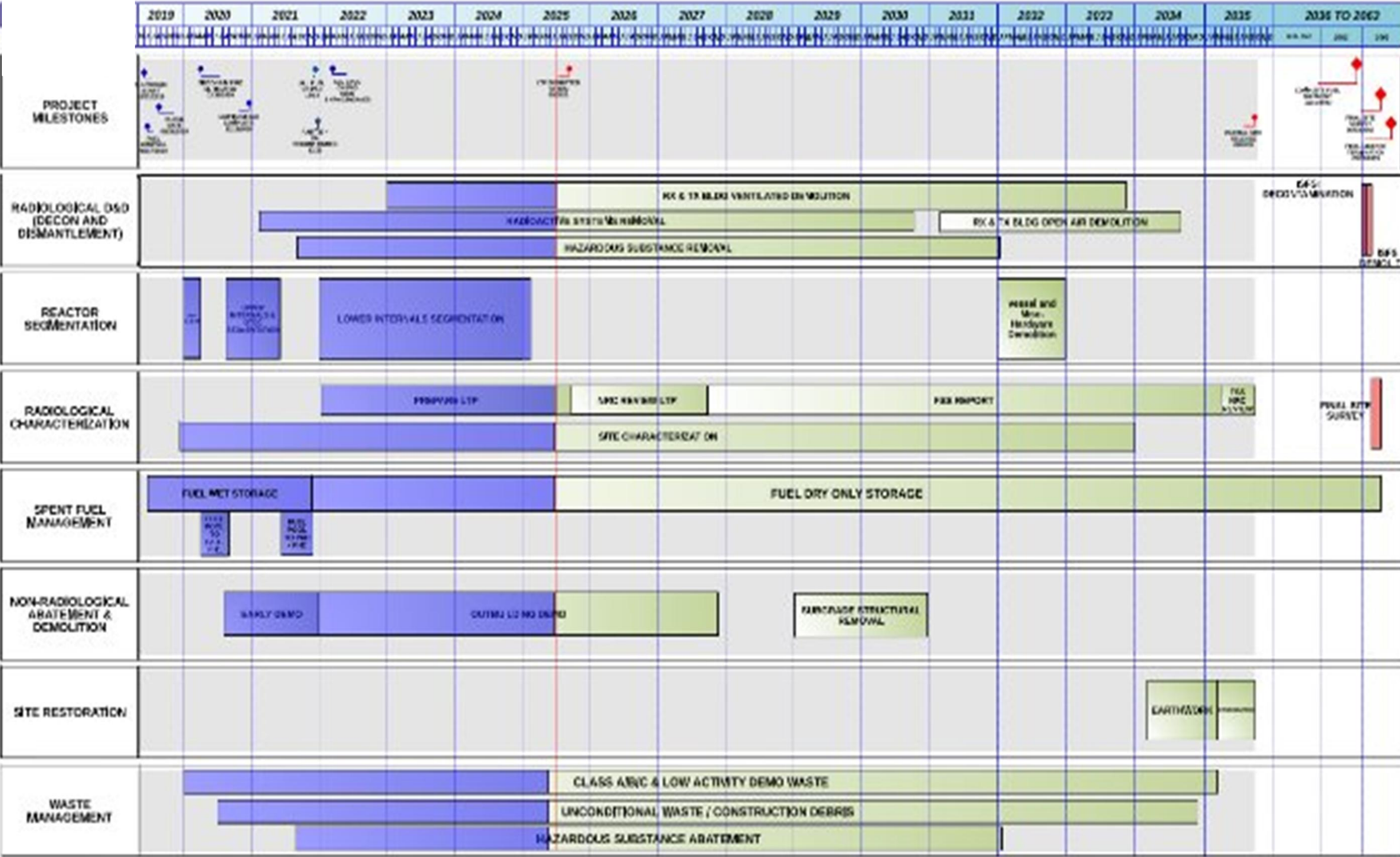
# Pilgrim NDCAP Update



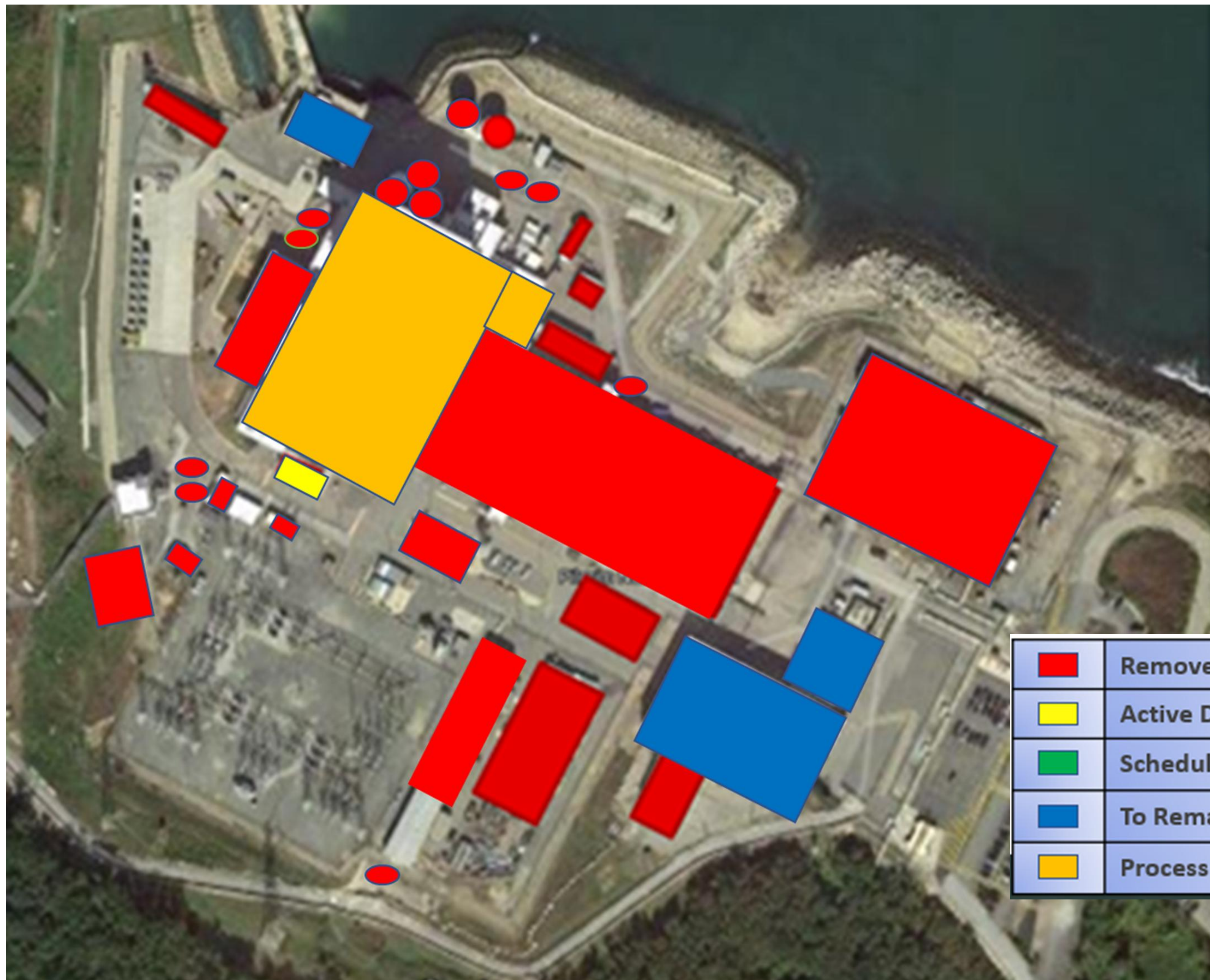
September 22, 2025




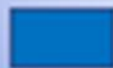



# Pilgrim Decommissioning Project Timeline







	Removed
	Active Demolition
	Scheduled for demo
	To Remain
	Process Buildings



# Ongoing Demolition

- Hydrogen Compression Module Skid removal, abatement, and disposal
- Remove and segment Drywell Equipment Hatch concrete shield



# Upcoming Demolition activities



- Abandon Diverse and Flexible (FLEX) Coping Strategy water wells
- Remove and dispose of Condenser Bay Thermal System Insulation
- Dispose of Drywell Equipment Hatch concrete shield blocks
- Remove and salvage Emergency Diesel Generators





# Massachusetts Contingency Plan Actions

Phase II Comprehensive Site Assessment  
Report and Risk Characterization  
submitted April 2025.

- Quarterly sampling
- PERA-3 PCB soil pile removal  
(3rd - 4th Qtr 2025)



14 additional monitoring wells in PERA-3 (non-industrial) area



17 soil borings in the Industrial Area



# Onsite Water Volume Update



- Water volume onsite effective 9/11/25  $\approx$  830,800 gallons
- Heaters in Spent Fuel Pool and Reactor Cavity remain de-energized, anticipate re-energization October 2025 for building heating
- Post drain down torus water samples taken, results to be reported in November

## Reactor Vessel Segmentation Actions



- Removal of In-Core Monitor Housings
- Reactor Vessel radiological waste characterization
- Reactor Vessel drain down
- Reactor Vessel segmentation





# Regulatory Update



- License Termination Plan submission delayed until March 2026. Schedule change permits full development of Derived Concentration Guideline Levels (DCGLs) for all pathways and incorporate lessons learned from NRC feedback on other plant submittals. Delay does not impact downstream milestones for Final Status Survey or Partial Site Release.



# Site Source Term Reduction



Calendar Year	Volume (CF)	Activity (Ci)
2019*	11,300	225
2020	8,410	7
2021	61,100	870
2022	87,100	383
2023	71,159	329
2024	39,941	96
2025	25,545	644
2019-2024 (to date) Totals	304,555	2,554

Rounded values for radioactive materials shipped for disposal



\*Includes a small quantity of waste shipped during the last operating cycle