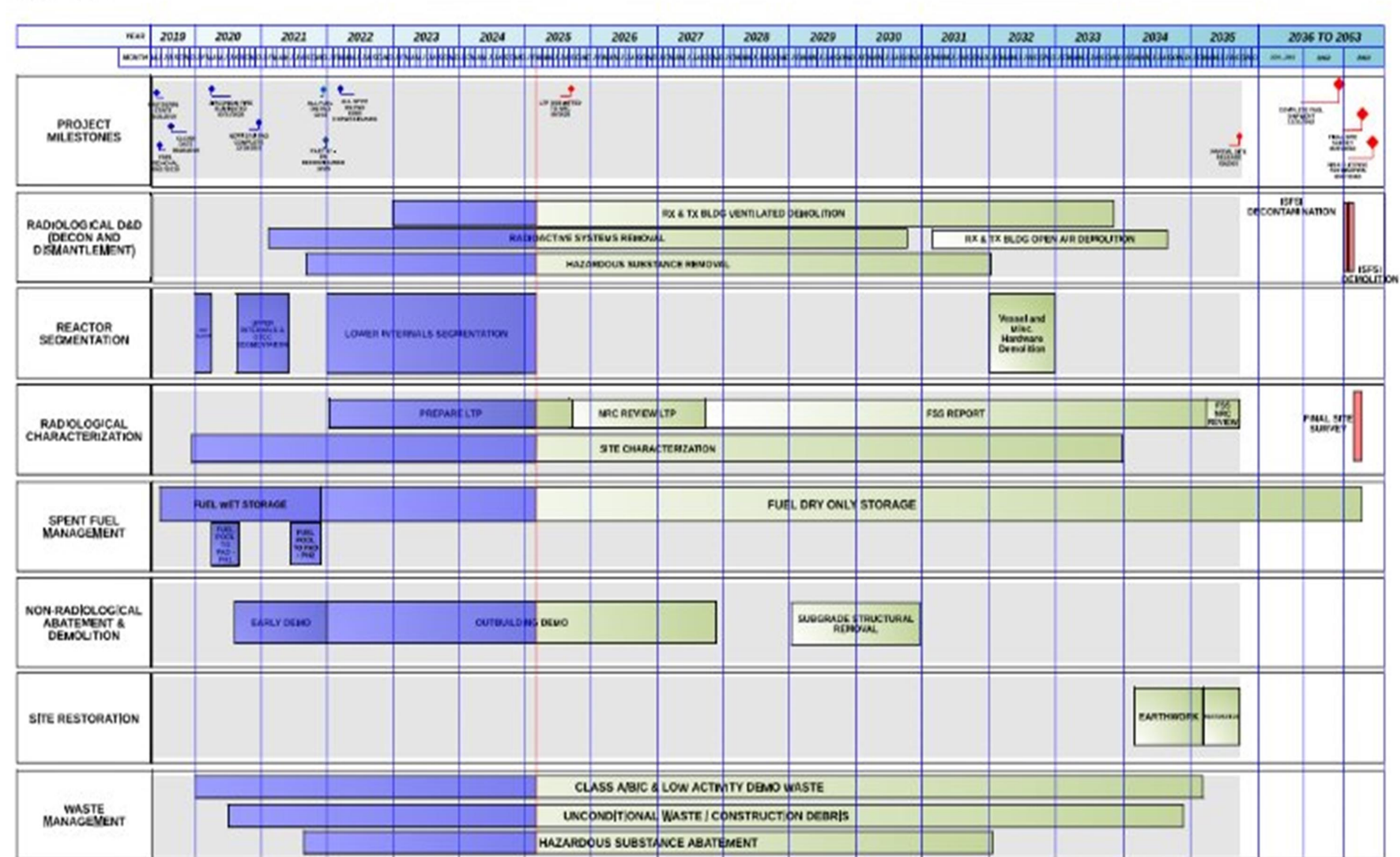


Pilgrim NDCAP Update



March 24, 2025

Pilgrim Decommissioning - Waterfall Chart



Ongoing Demolition



Augmented Offgas Building

- Removal of remaining Asbestos Containing Material piping and ductwork-Completed
- Completion of equipment removal – March 2025

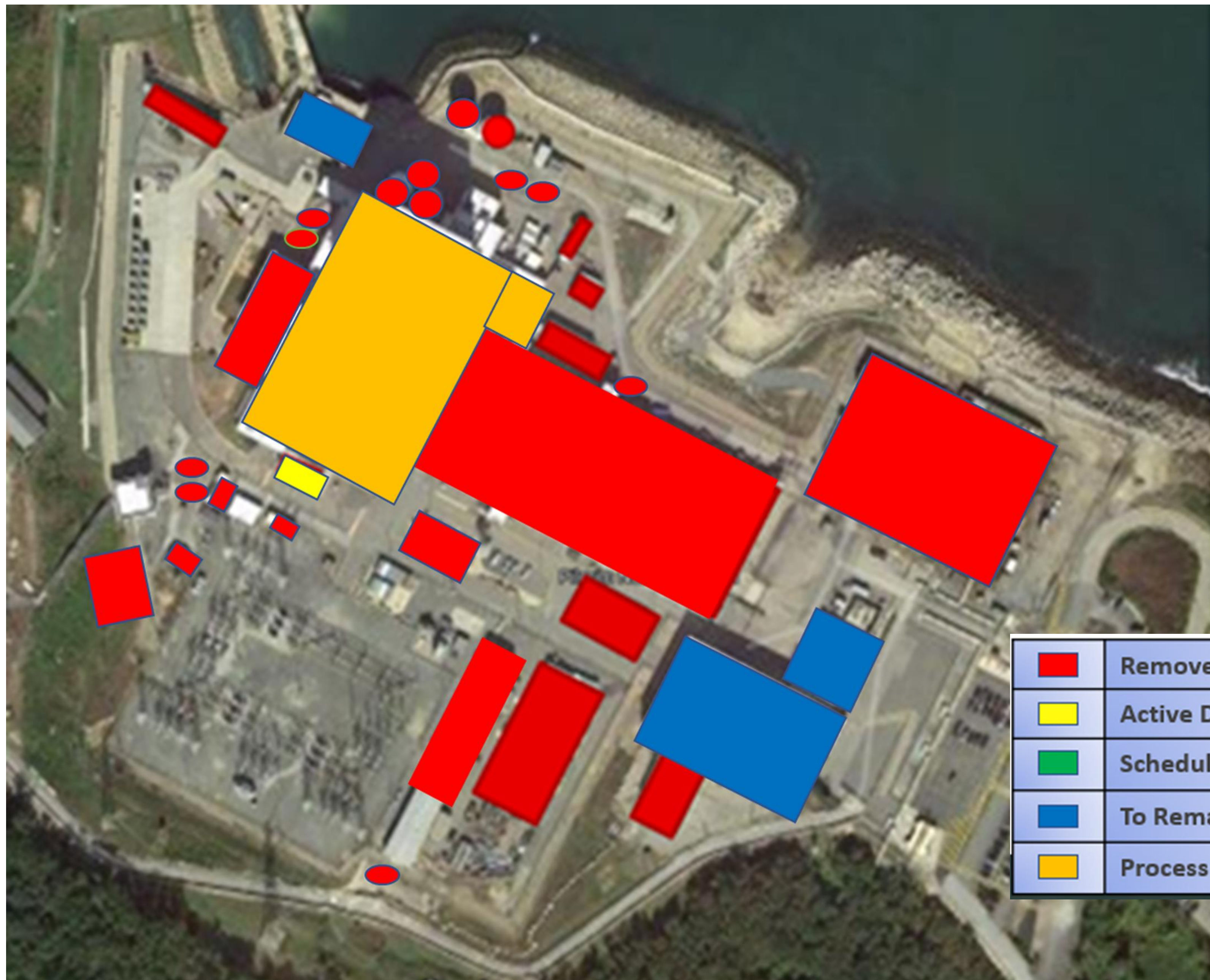
Combined Intermediate Valves



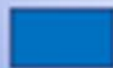

- Abatement Plan Submission to Department of Environmental Protection – April 2025


Gland Seal Condenser

- Abatement Plan Submission to Department of Environmental Protection – March 2025





	Removed
	Active Demolition
	Scheduled for demo
	To Remain
	Process Buildings



Massachusetts Contingency Plan Actions

Phase II Comprehensive Site Assessment
Report and Risk Characterization due
April 2025

- Investigative Plan design by Licensed
Site Professional

Phase II Objectives

- Define the source, nature, and extent
of constituents of concern
- Report on additional investigations
performed
- Risk characterization



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



17 soil borings in the Industrial Area

Onsite Water Volume Update

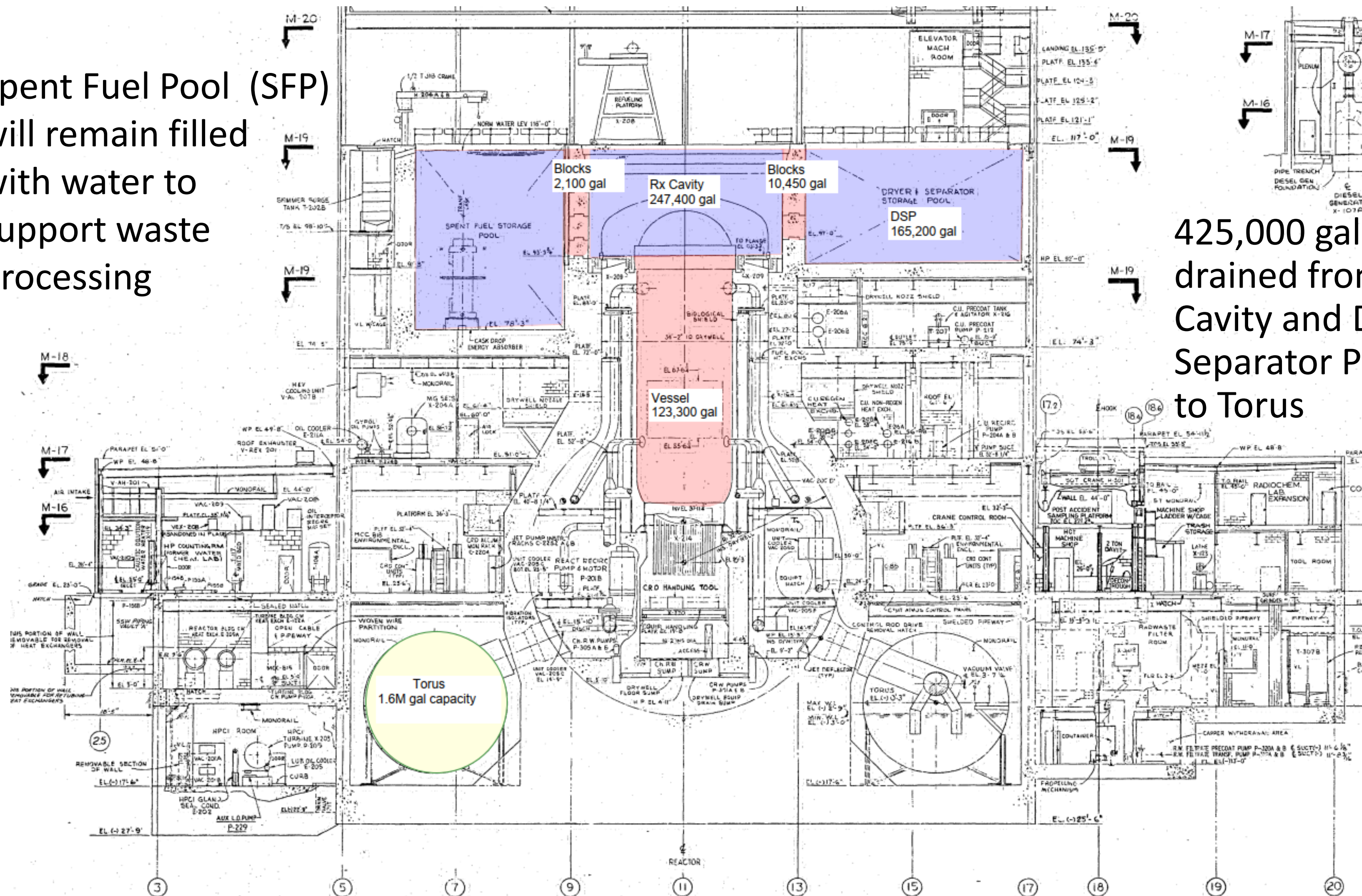


- Water volume onsite effective 3/20/25 \approx 844,037 gallons
- Heaters in Spent Fuel Pool and Reactor Cavity de-energized 3/18/25, no longer required for building and refueling floor heating this season
- Plan to drain the reactor cavity and dryer separator pit to torus in April

Reactor Cavity Drain Down

Spent Fuel Pool (SFP) will remain filled with water to support waste processing

425,000 gallons drained from Rx Cavity and Dryer Separator Pit (DSP) to Torus



Regulatory Update

- NRC Violation of Security Requirements details of which were considered to be Security Sensitive
 - Took place is January 2020
 - NRC credited that condition was self-identified and corrective actions had already been taken
- NRC Violation of low safety significance when a tear was identified in a shipping package sent from Pilgrim to Oyster Creek. There was no release of radioactive material to the environment
- NRC exercised enforcement discretion for discrepancies identified during the extent of condition review for decommissioning trust fund expenditures

Site Source Term Reduction



Rounded values for radioactive materials shipped for disposal

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	10,364	86
2019-2024 (to date) Totals	289,374	1,996



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

Solid Radioactive Waste Shipments



RT-100 Type B Cask

- Used for Class B and some Class A wastes
- 100% Stainless steel construction inside and out.
- Cask stands 11-feet high, 8.5-feet in diameter.
- Accommodates containers of resins & filters up to 160 cubic feet and 15,000 lbs.