

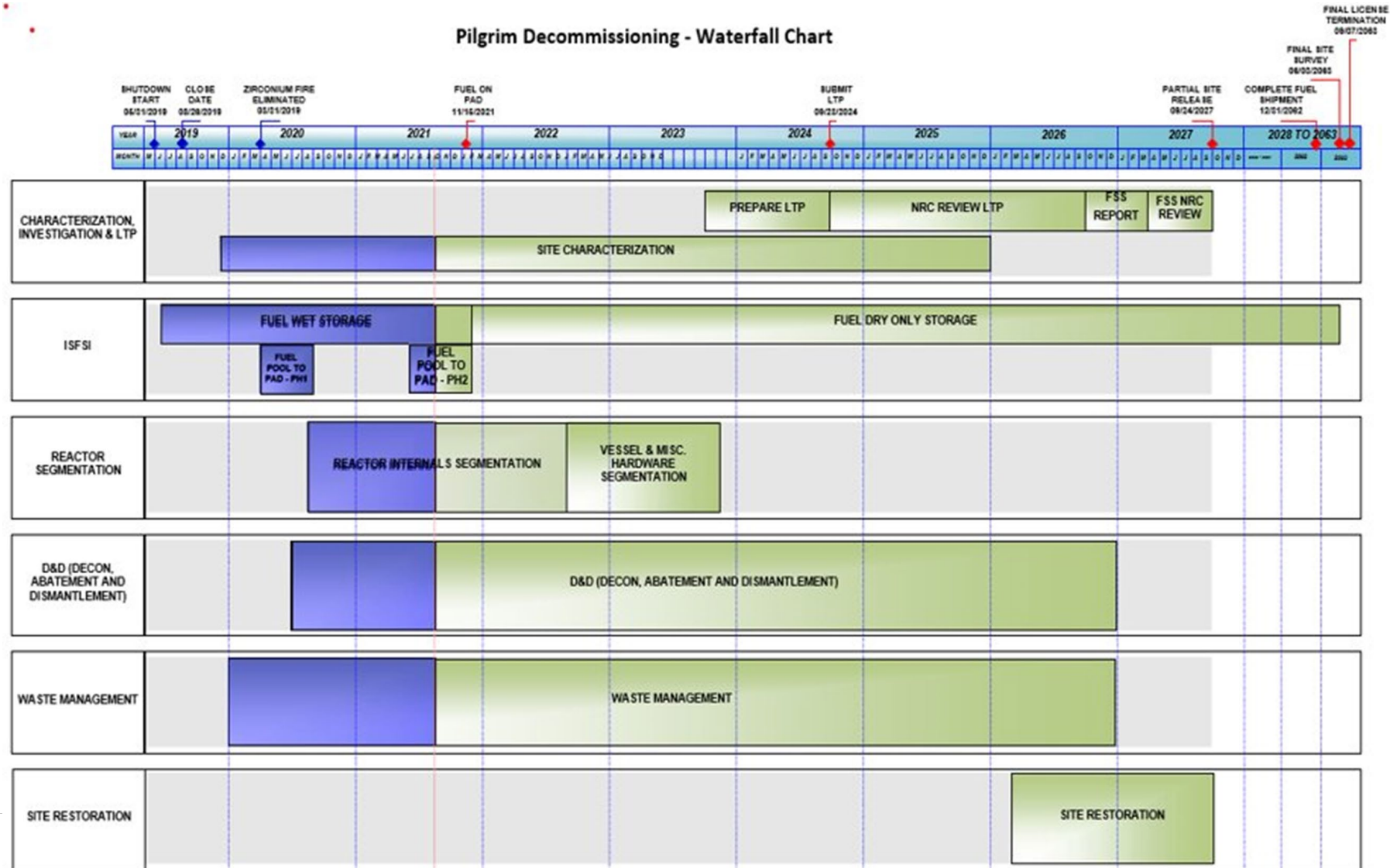


## Pilgrim NDCAP Update September 27, 2021



# Timeline

Pilgrim Decommissioning - Waterfall Chart

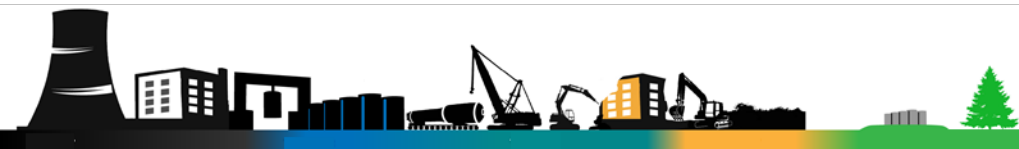


# Fuel Campaign



## Fuel Campaign

- Cask 17 of 34 completed for this campaign, 45 of 62 total casks loaded
- Cask 18 loading underway in pool
- 14 Casks have been transported to the upper ISFSI pad
- Fuel Campaign On-Track to be Completed in November as Scheduled, all HI-STORM 100 systems on site
- Greater-than-Class C Non-fuel Waste Containers (2) on Schedule, to Follow Fuel Campaign in December

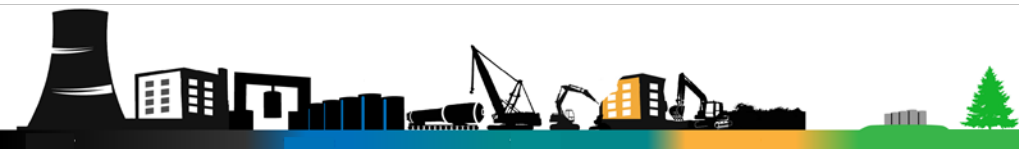
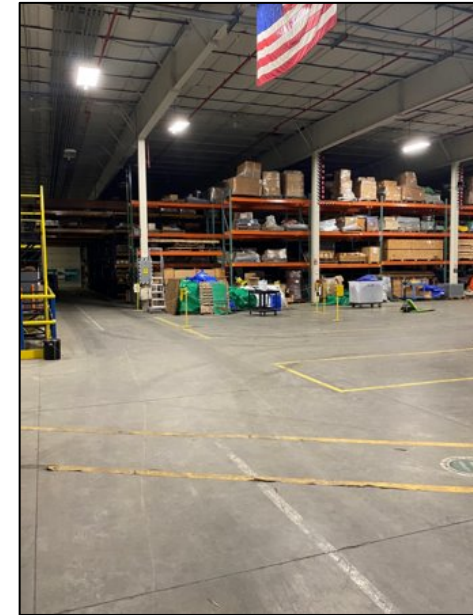


# Demolition and Segmentation



## Out Building Demolition Planning (Projected Demolition)

- FFD/Medical Building - October/November
- AOG - Building Internals removed – October
- SEP Diesel Building - November
- Old Exec Admin Building - November
- Main Warehouse - Demolition - December
- O&M Building - Demolition - December
- Two-Story Buter Building - January 2022



# Segmentation

## Complete

- Shield Blocks and Drywell head
- CRDM removal
- Steam Dryer & Separator
- Feedwater spargers & Core spray piping
- Shroud repair assembly
- Top Guide (GTCC) – Staged for NFWC loading
- Upper Core Shroud Ring (B/C)
- Mid Core Shroud Ring (GTCC) – Staged for NFWC loading

## In Vessel

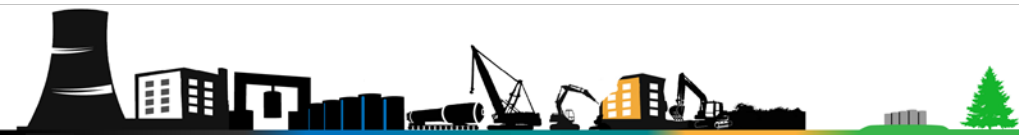
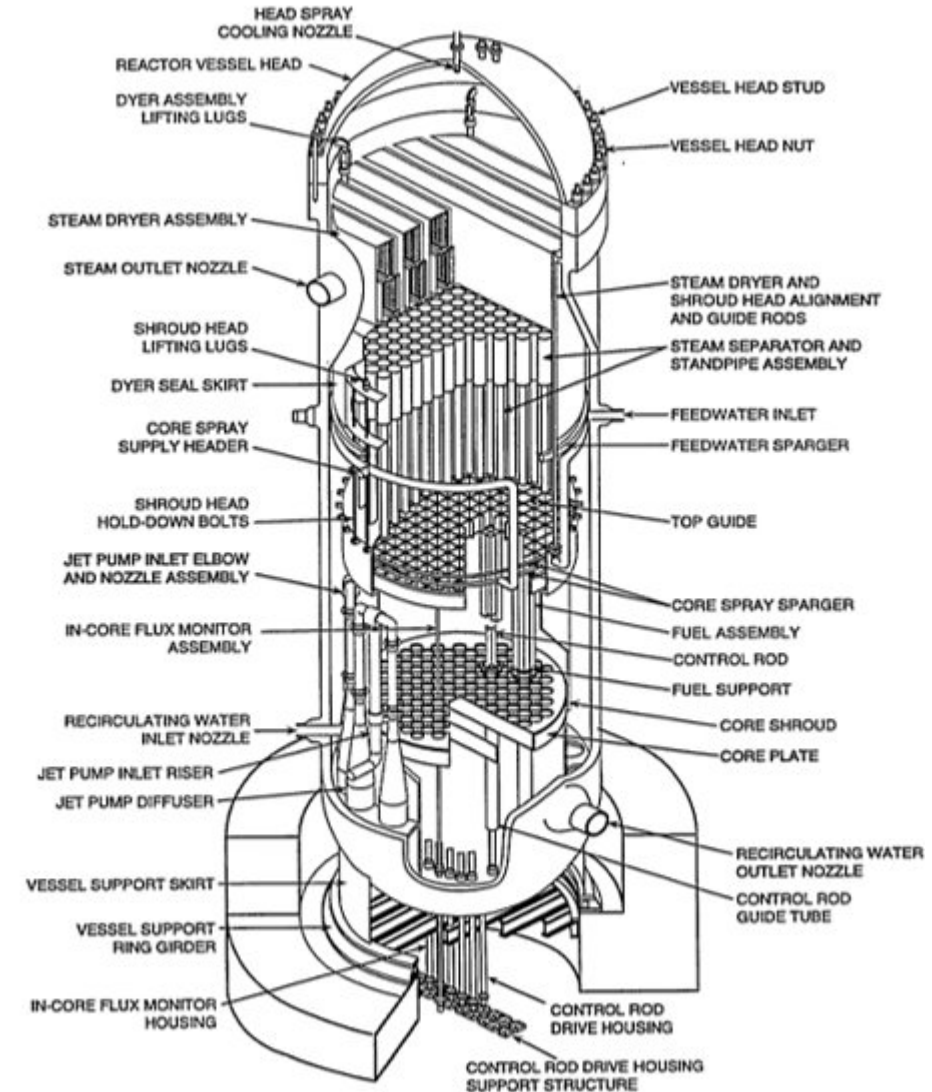
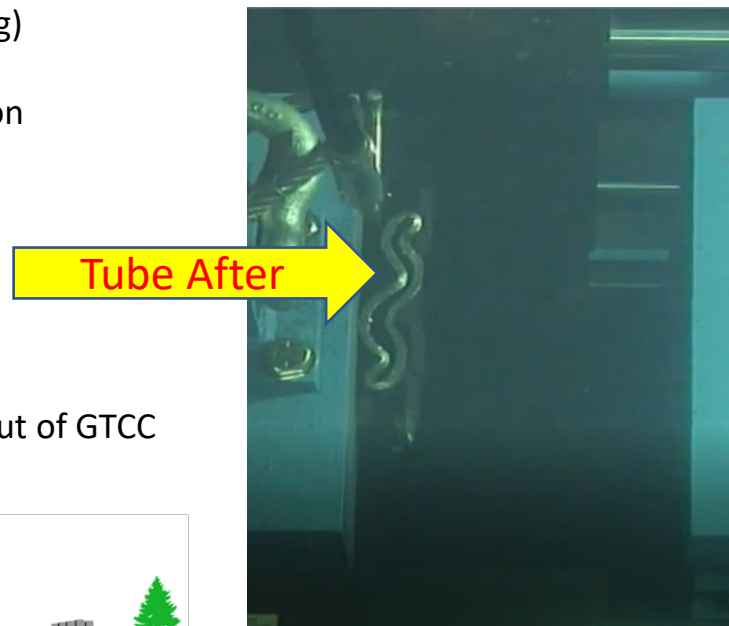
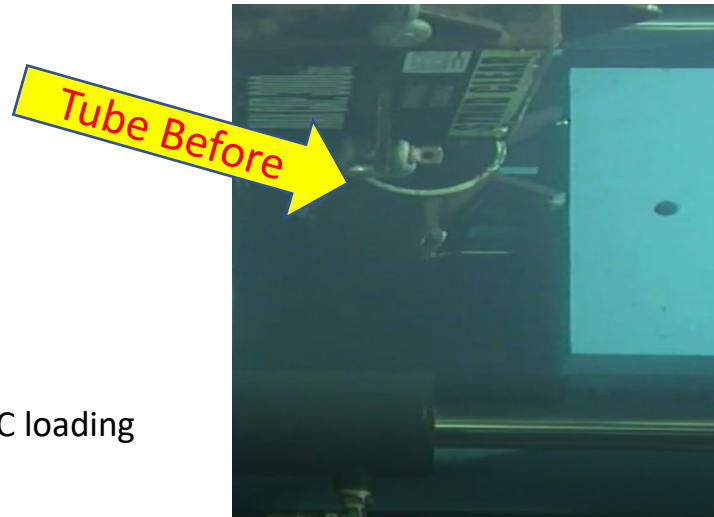
- Thermal Sleeve removal (GE developing tooling)
- Fuel Support Casting 10/07
- Instrument Dry Tube removal & plug installation
- Lower Core Plate vacuuming

## Dryer Separator Pit (DSP) Activity

- Crush 154 Riser tubes – Through October
- Currently 29/ 154 completed.

## Spent Fuel Pool racks

- Packaging and disposal transport –after Loadout of GTCC

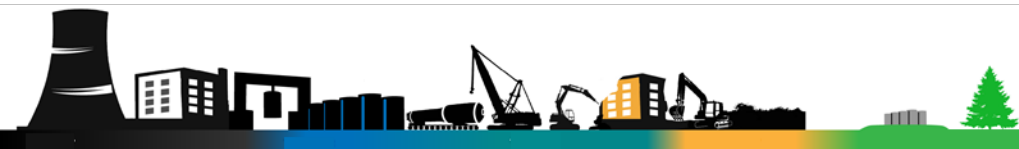


## Radioactive Waste Shipments – 3<sup>rd</sup> Quarter

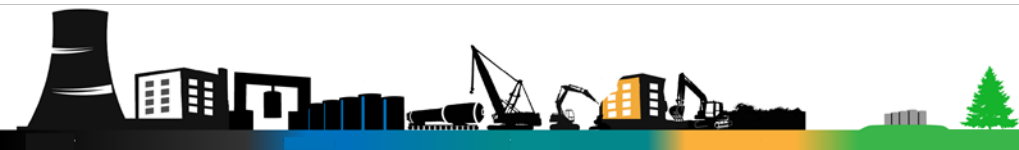
- D & D Dry Active Waste – Low Activity rad waste – 8 x Seavans in rail transit to WCS **COMPLETE**
- Rx bldg. concrete shield blocks Rail shipment – off loaded at WCS **COMPLETE**
- Rail shipment of remaining shield blocks **COMPLETE**
- Class B Resin shipment **COMPLETE**
- Class A Filter shipment - Q4 2021
- Class A Reactor Segmentation shipments – Q1 2022

## Shipped to Facility – WCS, Texas – To Date (2021)

- 10 x Type A container Rx Seg shipments (Class A waste) disposed
- 11 x DAW shipments (22 x 20' C Vans) disposed
- 49 x concrete shield blocks (9 x ~105-ton capacity gondolas)
- 3 x DAW with Asbestos containing material ( 3 x 40' C Vans)



# Site Characterization



# Site Characterization Activities Update

- Work plan included in the Amended Environmental Site Assessment (ESA) Work Plan issued May 28, 2021
- Main parcel (Phase IA) activities
  - Collected soil samples and installed seven (7) new groundwater monitoring wells
  - Three (3) additional new wells to be drilled and constructed
  - Plan to collect of groundwater samples at all ten (10) new monitoring wells
- Licensed perimeter area (Phase 2) activities
  - Collected soil samples and installed four (4) new groundwater monitoring wells
  - Collected groundwater samples at the new monitoring wells
- Field work associated with Phase IA and 2 activities anticipated to be complete by end of October 2021

