



## Pilgrim NDCAP Update

February 22, 2021



# Reactor Vessel Internals Segmentation

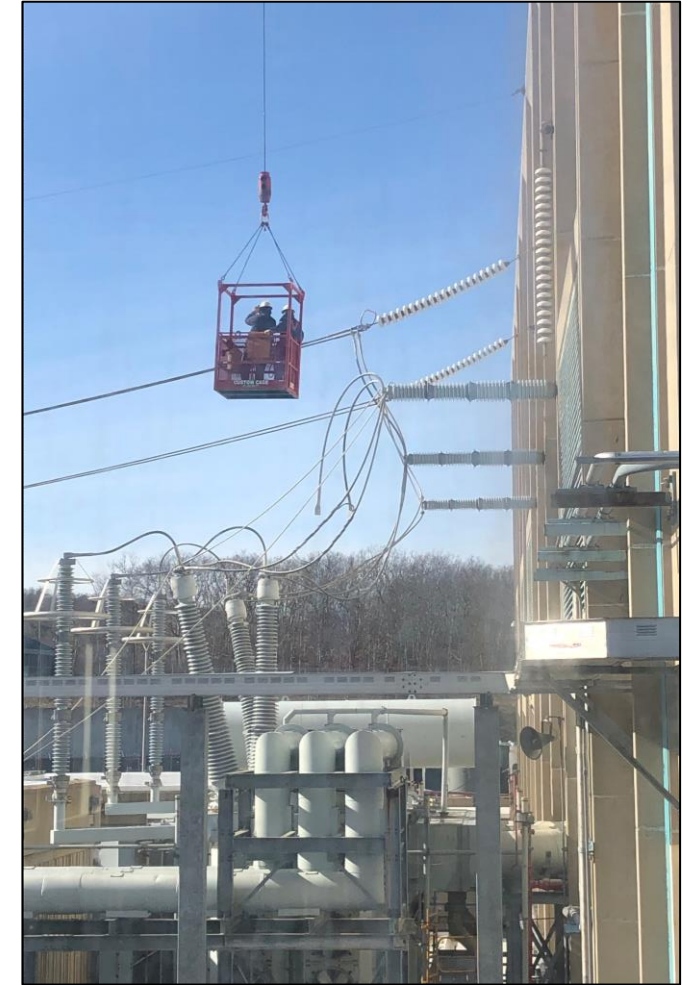
- Continue Work on Separator, 154 Upper Riser Tubes Segmented, Lower Riser Tube Segmentation in Process
- Top Guide Ready For Segmentation Once Separator is Complete
- Continue Waste box shipments to Texas through Q2, Five Containers Shipped in 2021 so far





# Switchyard Separation

- Removed Overhead 345kv Transmission Lines from Main Transformer to the Switchyard
- Worked Performed by Eversource Safely and Error-Free
- Began and Completed on February 17



# Outbuilding & Tank Demolition - Progress

## Exterior Storage Tank Demolitions

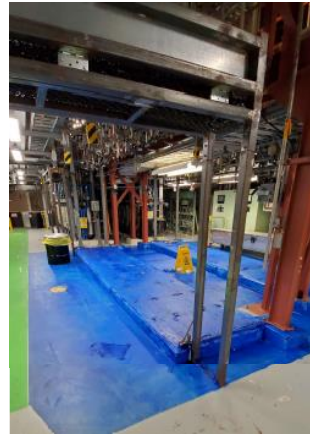
- Fire Water Storage Tank (1 of 2) – Q1 2021
- Demin Tank (1 of 1) - Q1 2021
- Condensate Storage Tank (2 of 2) - Q2 2021

## Condenser Bay

- Internal Demolition – Q2 2021

## Hydraulic Control Unit removal from Reactor Building

- East side HCU removal completed



## Access Control Building

- Relocate people and equipment – completed
- Survey and Empty out –Complete
- Demolition – March, pending permits

## Rigging Loft

- Empty out – complete
- Surveys – complete
- Gapping - complete
- Demolition – late February, pending permits

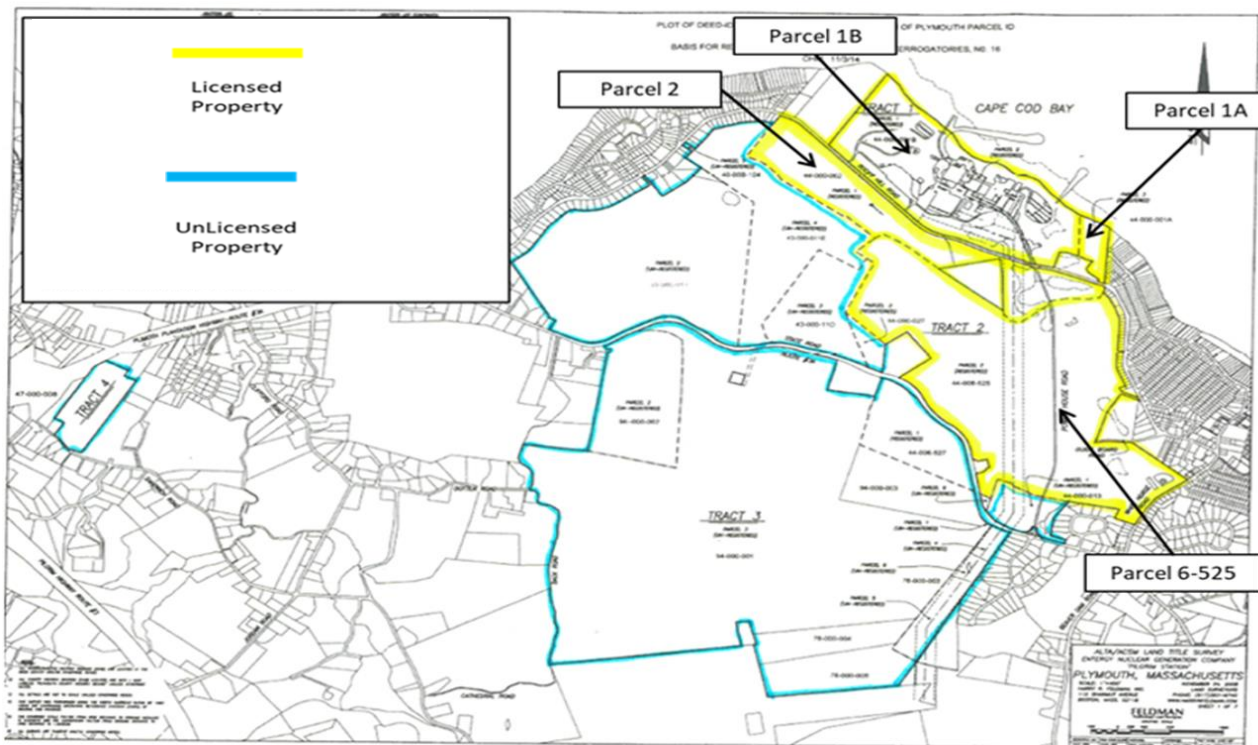
## Old Exec Admin Building

- Empty out – complete
- Engineering Structural analysis – complete
- Demolition – May, pending permits



# Initial Site Characterization Timeline

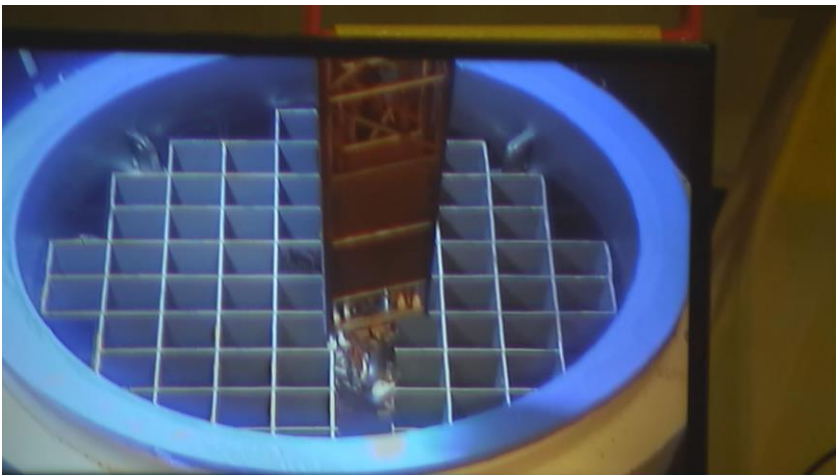
- Phase I - Industrial Site
  - Draft Final Report to Holtec – Received February 18
  - Internal and LSP Reviews – March 15
  - Final Rev. 0 – March 31
  - LSP Amend ESA Work Plan – May 31, 2021





# Fuel Campaign

- 34 Casks to be Completed this Campaign, Removing All Fuel from Spent Fuel Pool
- Preparation/Mobilization to begin in May
- Fuel Loading to Begin in June
- All Fuel and GTCC Containers to be on Fuel Pad by January 2022



# NRC Inspection Activities 2020

The NRC Conducted the Following Inspections of Pilgrim Activities in 2020 in Addition to Daily Monitoring of Station Performance:

1. Inspection of Fire Protection Program
2. Inspection of Dry Cask Storage Campaign dry run and performance
3. Inspection of ISFSI 2 and Haul Path design and construction
4. Inspection of Station Security including access authorization and equipment performance
5. NRC Quarterly Inspections focusing on:
  - a. Quality Assurance
  - b. Spent Fuel Pool Cooling System performance and Refuel Floor activities
  - c. Emergency Plan staffing
  - d. Modification and Design Control implementation
  - e. Corrective Action Program effectiveness
  - f. Radiation Protection controls for maintenance activities
  - g. Radiological Effluent measurement and reporting

