NorthStar VTY Decommissioning





NorthStar Nuclear Decommissioning Company, LLC

18. Standby gas treatment

19. Primary containment wall

78. East cooling tower

79. Sprey pond

SE Clearwell

59. Acid storage tank

38. Generator

39. Low pressure turbins



Simple Priorities

SAFETY with all we do: Target Zero (Accidents)

Radiological, Environmental, Industrial, Nuclear

Do it right. Do it safe.





Project Schedule - Overview (Re-Cap)

License **Partial Site** Termination Release (ISFSI) Target 12.31.52) 2020 2021 2022 2023 2024 2025 2026 2027 thru 2051 2052 Spent Fuel Management Site Restoration & Final Site Survey **Large Component Removal** Reactor Vessel & Internals Condense Large Pumps & Motors (Circ H2O, Recirc, etc) Main, Start-Up & Aux Transformers **Decontamination & Demolition** Final Site Restoration & Asbestos& Lead Paint Remova License Security Structures and Equipment **Termination** Turbine Warehouse **Rotors and Storage Structures** Intake Reactor Building Admin Building Control Building Rad Waste Discharge Service Building

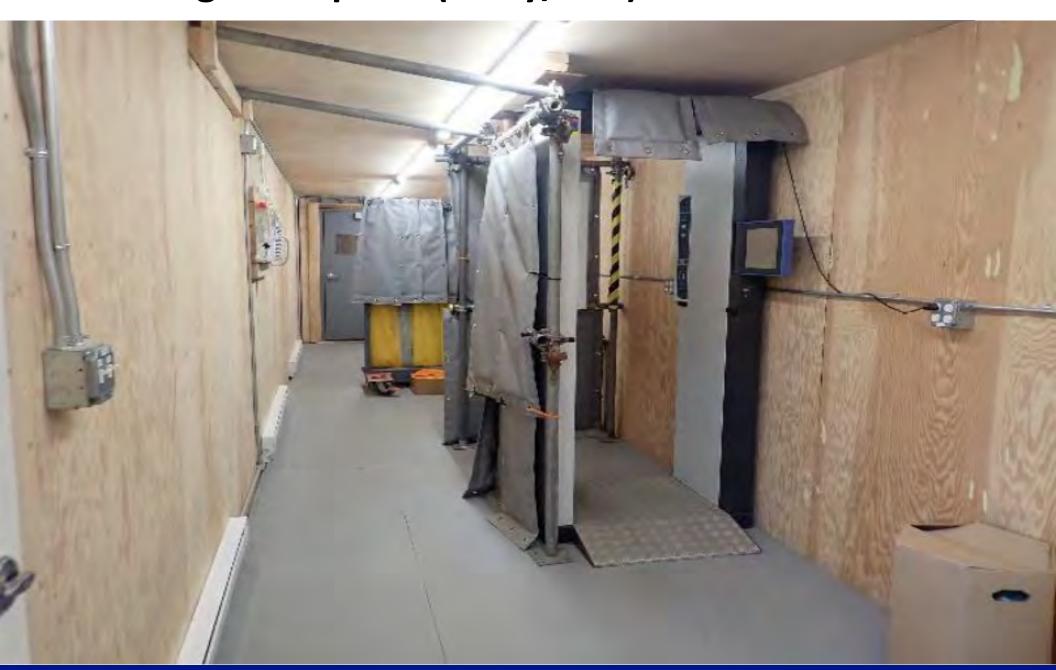


Rx Building Checkpoint (Entry/Exit) Relocated to East Side





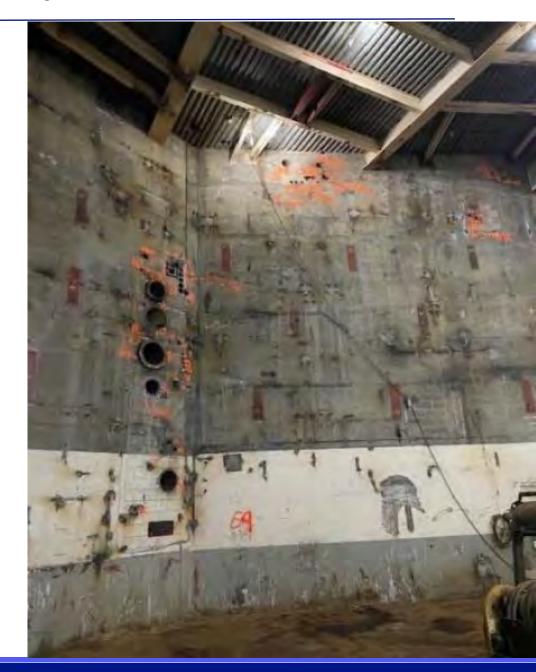
Rx Building Checkpoint (Entry/Exit) Relocated to East Side





TORUS Basement Area Clean up & Final Decontamination





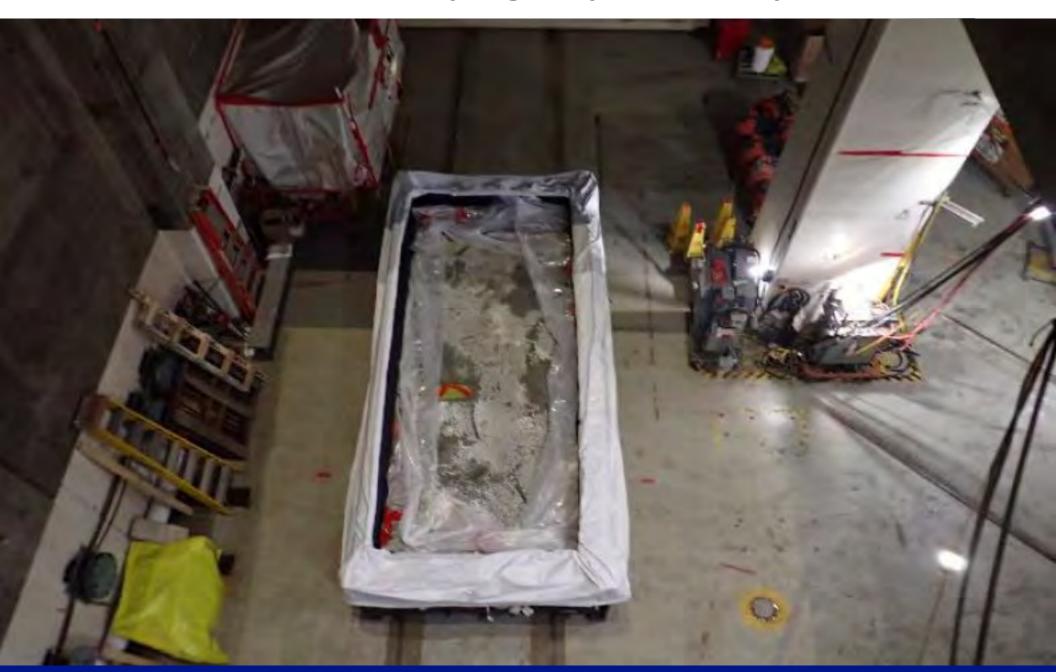


Rx Containment (Dry Well) Piping & Components Load Out



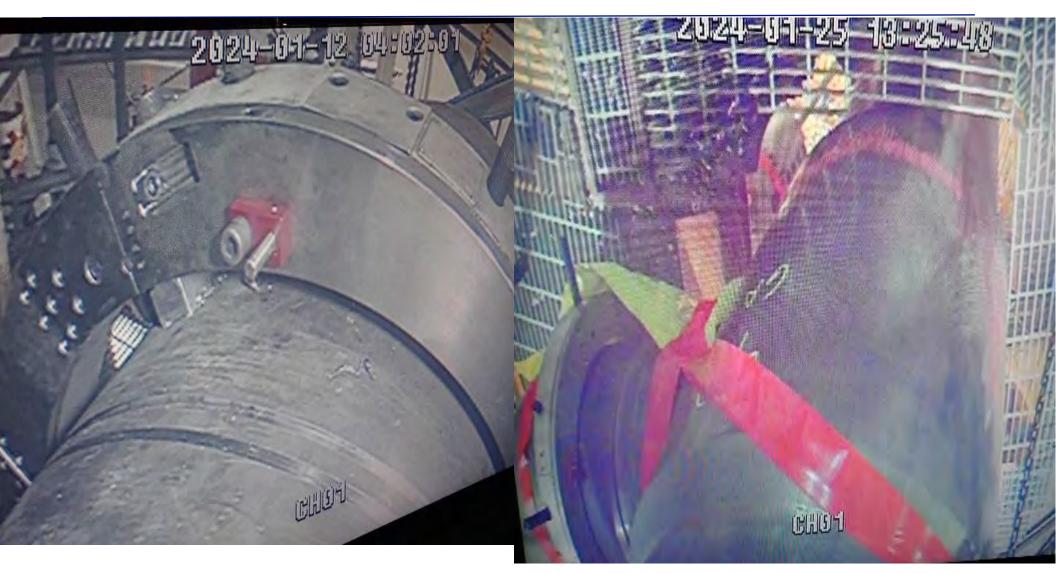


Rx Recirc Piping Shipment Preps





Cutting and Removing Piping in Rx Containment (Drywell)



(N1) Nozzle Cut at 266' Level Elevation

Rigging Out a Section of Cut Piping

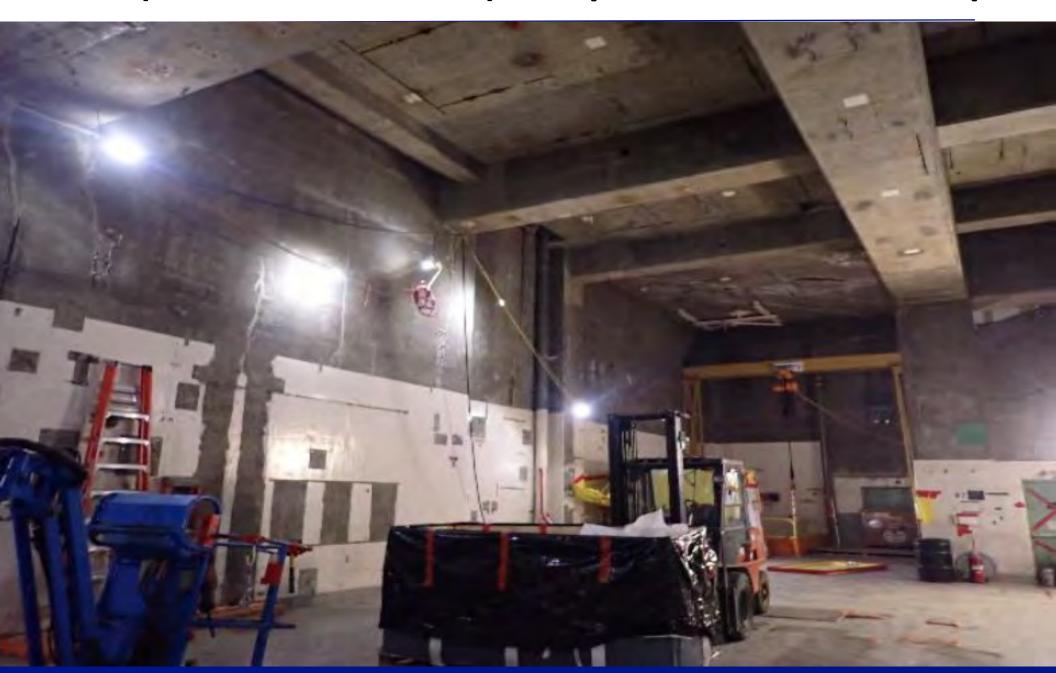


Rx 252' (Ground Floor Level) Component Removal





Rx 252' (Ground Floor Level) Component Removal Complete





Rx 318' (4th Floor) SFP Pump Room Decon Complete





Demo of Turbine Building and Warehouse Foundations





Loading TB Rebar for Transport





Ramp Construction for Rx Building Demo Started





Ramp Construction for Rx Building Demo Progresses





Ramp Construction for Rx Building Demo Continues





AOC 5 Excavation





AOC 5 Excavation





AOC 7A Excavation





FOST Foundation Removal During AOC 7A Excavation





Survey & Mapping of Excavated Spray Pond Discharge Line



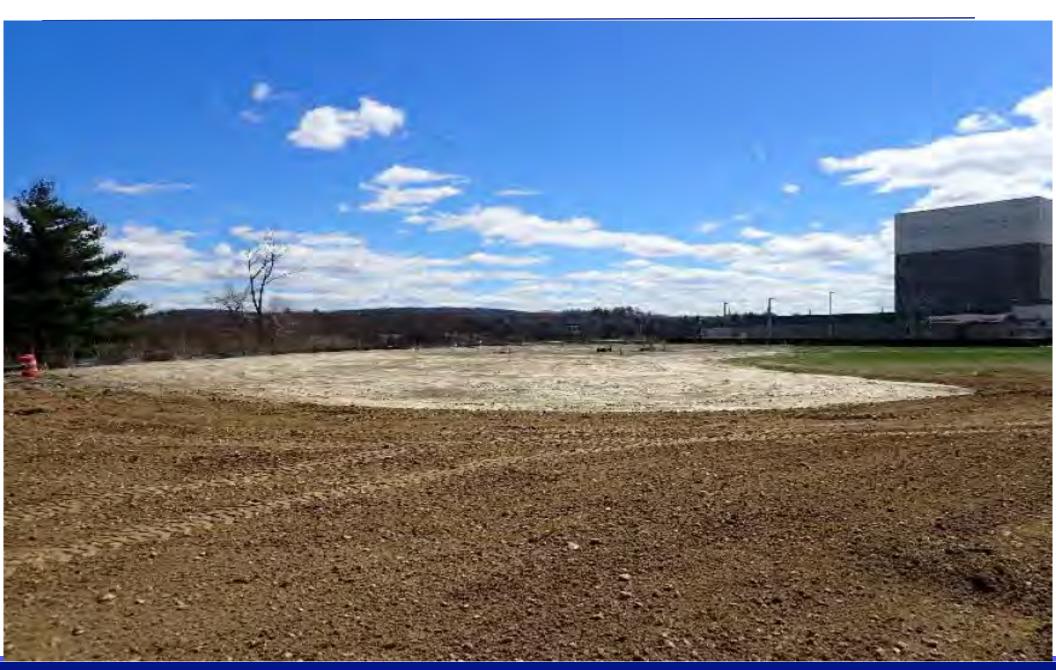


Clean Backfill from Off-Site for Stack Trench



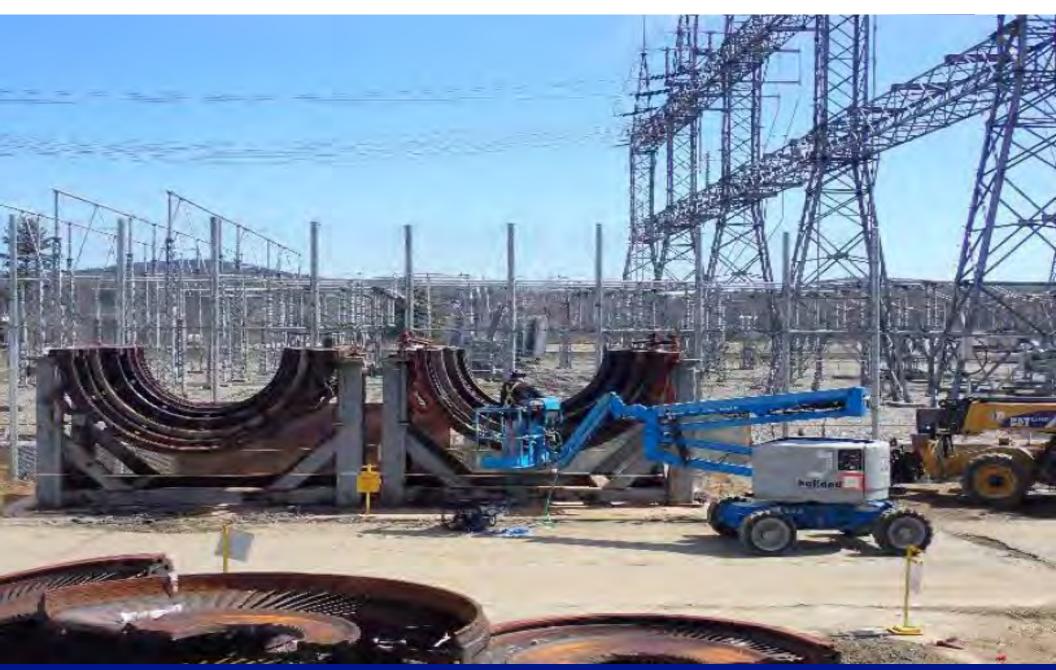


Final Grading Following Refill of Stack Piping Trench





Downsizing Spare Turbine Casings for Transport





Non-Rad Site Characterization/Remediation

What else is happening?

- No new areas of impact identified. Remediation for AOC 5 & 7A complete, confirmatory surveys and sample analysis in progress.
- Additional Groundwater Wells installed with ANR's input to improve monitoring/data capture.
- Working with ANR for concurrence with meeting I-Rule Site Investigation completion criteria. All AOC & site investigation activities expected complete by end of May.
- Post Decommissioning Groundwater Monitoring Program per MOU still under development with ANR input.
- Continued collaboration through regular meetings with VT ANR, DEC to maintain alignment.



Environmental Monitoring



Adding Monitoring Well South of Plant Complex



Adding Monitoring Well East of N Leach Field



Collecting Soil Samples



Collecting Well Samples SE of Plant Complex Along River



Weekly Track Inspections





Loading Steel Scrap Metal for Recycling





Waste Loading & Transportation





Shipping and Material Volumes

Currently shipping about 4-5 rail cars per week (Total shipments to date: 852)

- Total YTD Shipments (as of 5/01/24): 84
- Total Volume 2,368,075 ft³ (87,706 yd³)
- Total Weight 104,754,436 lbs. (52,377 tons)
- Total Activity 35,675 curies

Questions?



Target Zero (Accidents) Do It Right. Do It Safe.

