



# **Indian Point Community Advisory Panel**

April 22, 2021

# Agenda

- Introductions
- What will and will not change
- Prompt Decommissioning Schedule & Activities
- First Year Planning & Preparation
- Decommissioning Fleet Update
- Job Impact

# What won't change

- Focus on safety
- Demonstrating the positive behaviors that made Indian Point a top performing plant
- Maintaining high standards of nuclear professionalism
- Compliance with programs and procedures

# What will change

- Name on the buildings and vehicles
- Name on employee's paychecks
- New processes and software tools
- Transition to DECON/prompt decommissioning planning

# Current Schedule of Planned Decommissioning Activities



Decommissioning Activity	Target Start	Target End
Reactor Vessels & Internals Segmentation	2021	2024
Fuel to Dry Cask Storage/ISFSI (Units 2 & 3)	2022	2024
Dismantling	2022	2028
Demolition	2024	2032
Final Site Survey	2032	2033
Remaining Site Restoration	2032	2034
Partial Site Release (ISFSI Only)		2033/2036
ISFSI Only	2033	2062

*This chart shows the major milestones as taken directly from the Post Shutdown Decommissioning Activities Report (PSDAR).*

# Planned Decommissioning Activities

- Pre-Decommissioning Planning and Preparation
  - ✔ Alignment with Entergy to ensure an orderly and effective transition and decommissioning
- Plant Deactivation
  - ✔ Activities associated with termination of operations and plant stabilization
- Safe Storage Operations
  - ✔ Fuel movement to the existing and expanded onsite dry fuel storage facility
- Dismantlement
  - ✔ Dismantling, demolition and removal of structures and material
- Ongoing ISFSI Operations
  - ✔ With security oversight, fuel will remain on plant site until transferred to the Department of Energy or to an offsite interim storage facility

# First Year Planning & Preparation

- Integrate former Entergy employees to the Holtec/CDI team
- Cold/dark/hazard reduction in buildings
- Electrical load and water inventory reduction
- Decommissioning planning, including finalizing the plan for transitioning to DECON
- Procurement of services, materials and supplies
- Continued stakeholder interaction and support
- Review of the Historical Site Assessment (HSA) to support waste management planning

# First Year Planning & Preparation

- Development of the decommissioning As Low as Reasonably Achievable (ALARA) budget
- Development of a Waste Management Plan (WMP)
- Performance of safety, security, and environmental studies, as required
- Reactor Vessel Internals (RVI) and Reactor Pressure Vessel (RPV) segmentation tooling design, fabrication, and testing
- Licensing and permitting actions necessary to reflect the permanently defueled plant configurations



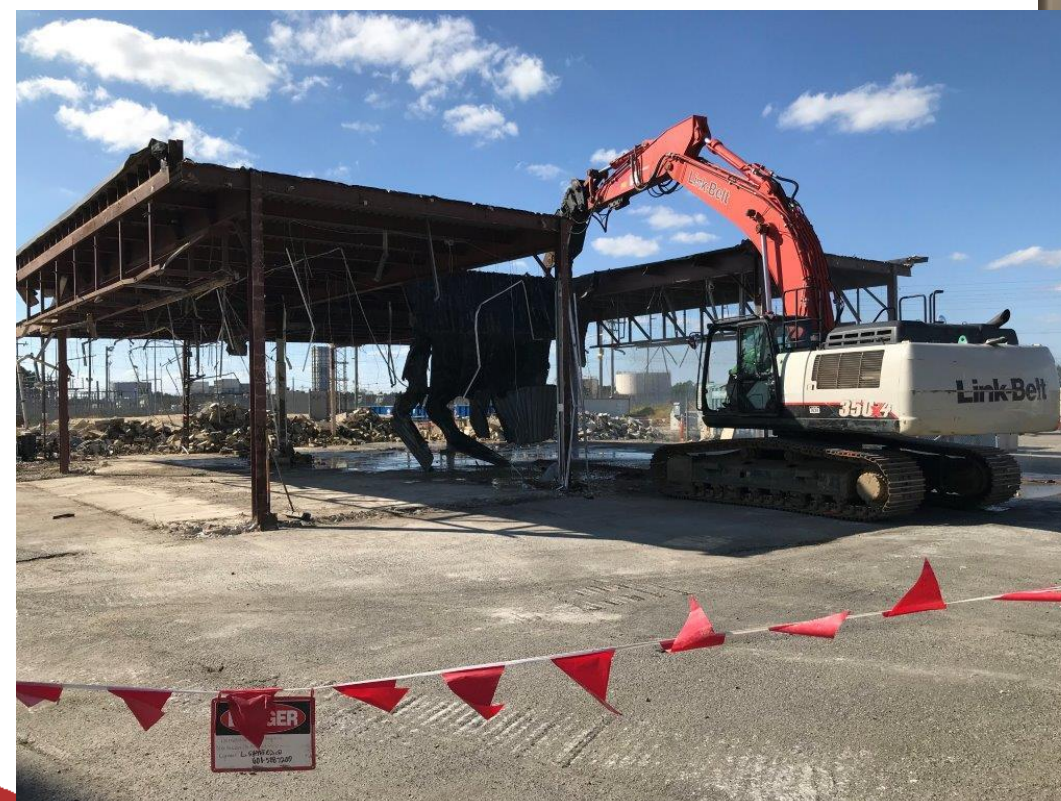
# First Year Planning and Preparation

- Using fleet decommissioning procedures, integrate existing policies, programs and activities
- Develop decommissioning work packages including the radiation work permits and job hazard analyses
  - ✔ Input from workforce and subject matter experts doing the work
- Conduct site characterization activities so that radiological, regulated, and any hazardous wastes are identified, categorized and quantified
  - ✔ Develop procedures to limit and control impact to workforce
- Expand the ISFSI to safely store spent fuel, already permitted



# Oyster Creek Update

- On schedule and under budget
- Fuel loading campaign underway
- Loaded 22 of 33 casks to date – scheduled completion by late June
- Second phase of reactor vessel segmentation proceeding
- Continued demolition of out buildings and storage tanks





# Pilgrim Update

- On schedule and under budget
- 29 Fuel casks on current pad, final 34 casks to be loaded in 2021 and moved to new pad with previously loaded fuel casks
- Environmental site characterization ongoing
- Demolition of out buildings continues
- Reactor vessel internal segmentation continues, world record segmentation completion of dryer (20 days) and separator (38 days)
- Shipped waste containers to off-site repository





# Local Employment

- Retain approximately 300 Entergy employees and their Indian Point knowledge and experience
  - ✓ Honoring the existing collective bargaining agreements (UWUA & Teamsters)
- Decommissioning work supported by skilled labor through the local union halls
- National Labor Agreement with Laborers' International Union of North America, International Union of Operating Engineers and International Brotherhood of Electrical Workers
  - ✓ Training option for decommissioning team members to become apprentices and join the unions
- Specialty Services Contract with United Brotherhood of Carpenters to represent radiation protection workers supporting decommissioning work

# Thank You & Contact Information



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