

The logo for Safely Store VY is a green banner with a dark teal border. The text "SAFELY STORE VY" is in white, bold, uppercase letters. Below it, "CONTINUE THE LEGACY" is in a smaller, white, uppercase font, flanked by two horizontal white lines.

**SAFELY STORE VY**  
— CONTINUE THE LEGACY —

# Nuclear Decommissioning Citizens Advisory Panel (NDCAP)

February 25, 2016

A decorative graphic at the bottom of the slide consists of a dark blue wavy shape on the left, a light blue wavy shape in the middle, and a black wavy shape on the right, all overlapping and creating a layered effect.

# Introductions

Joseph Lynch  
Government Affairs Manager,  
Entergy Vermont Yankee (ENVY)

# Decommissioning Project Status

# VY Decommissioning Update

*The focus of Entergy Vermont Yankee (VY) and its Employees continues to be our ongoing commitment to Safety.*

- ▶ **Decommissioning Preparation Activities**
  - System Draining/Lay-Up continue in 2016 with a goal to complete all systems by June.
  - Building Power and Services Removal – Ongoing
- ▶ **Emergency Plan Update**
  - Implementing transition activities and training for the Permanently Defueled E-Plan and Emergency Action Levels (EALs)
  - Implementation scheduled for April 19th, 2016.
- ▶ **NRC Inspection Activities**
  - Inspection scope informed by the NRC Decommissioning Program
  - NRC conducted a scheduled inspection of decommissioning activities the week of February 1<sup>st</sup>, 2016
  - The next inspection is scheduled for the week of March 28<sup>th</sup>

# VY Decommissioning Update

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## ▶ Water Management Program

- Water Management continues to be an important focus area for ENVY with a comprehensive plan being implemented to reduce groundwater intrusion and dispose of current on-site water inventory in a safe, cost-effective manner.
- ENVY intentionally has not discharged process liquid effluent (water) directly to the Connecticut River since the 1980's.
- The increase in groundwater intrusion since shutdown, while expected, has created water management challenges thus creating the need for temporary storage of water.
- Various options have been evaluated to minimize the intrusion of groundwater into the buildings.
  - Sealing of floor sumps, joints and flaws in the concrete structure
  - Evaluate the feasibility of installing intercept well(s) inside of the Turbine Building to redirect groundwater away from the building

# VY Decommissioning Update

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## ▶ Water Management Program

- Water Storage Action Plan
  - Groundwater will be shipped to a licensed disposal site in Tennessee.
  - First shipment (~ 5,000 gallons) will be sent the week of February 22<sup>nd</sup>.
  - Plan to ship between 10,000 and 20,000 gallons or 2–4 shipments per week.
  - Upon completion of the disposal of groundwater, the focus will shift to process water.
- There is no health or safety impact to the public or our employees.
- Safe and efficient use of decommissioning funds allows Entergy to meet our commitment for full decommissioning of the facility at the earliest possible date.

# VY Decommissioning Update (Cont'd)

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## ▶ Vermont State Agency Interactions

- Public Service Board (PSB) – Second ISFSI Pad CPG
  - PSB Technical Hearings were completed on February 23<sup>rd</sup>, 2016
  - Proposals for Decision and Briefs due three weeks after end of the Hearings (March 16<sup>th</sup>, 2016)
  - Reply Briefs due two weeks after initial briefs (March 30<sup>th</sup>, 2016)
  - Approval expected in May 2016.

# Trust Fund Update



# Trust Fund Update

- ▶ The ENVY Nuclear Decommissioning Trust (NDT) Fund was \$595.4 Million as of December 31, 2015
- ▶ The NDT balance was \$588.5 Million as of January 31, 2016
  - The difference was due to investment performance due to market changes.
- ▶ The Site Restoration Trust Fund balance was \$15.2 Million as of January 31, 2016

# Communication and Outreach

- ▶ Nuclear Decommissioning Citizens Advisory Panel (NDCAP)
- ▶ Stakeholder Outreach: Speaking Engagements, Community Involvement, and Facility Tours
- ▶ SAFSTOR Matters – Monthly Cable TV Show
  - Episode 10 is now airing and features Pierre Oneid from Holtec discussing the upcoming Dry Fuel Storage campaign
- ▶ Vermont Yankee Decommissioning website:  
[www.vydecommissioning.com](http://www.vydecommissioning.com)



# SAFSTOR MATTERS

BCTV 2015 *Series of the Year*



Decommissioning Overview



Emergency Planning



Spent Fuel Management



Economic Impact



Decommissioning Update



Decommissioning Maine Yankee



Impact of closing on host community - Vernon, VT



Decommissioning Review



2015 Review

# Questions?



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