

# Nuclear Decommissioning Citizens Advisory Panel (NDCAP)

December 1, 2016

# Introductions

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# Decommissioning Project Status

# VY Decommissioning Update

## ➤ **Decommissioning Preparation Activities**

- System Draining/Lay-Up of abandoned systems scheduled in 2016 are complete.
- Building Power and Services Removal – Continue to further minimize cost impacts at the site.

## ➤ **NRC Inspection Activities**

- Fourth quarter 2016 inspection activities are ongoing.

# VY Decommissioning Update (Cont'd)

## ➤ Dry Fuel Storage Project

### ➤ ISFSI Pad Construction

- July – Construction initiated; Work on schedule and on budget
- Installation of new 200kW Security Diesel Generator (SDG) – **Complete**
- Former John Deere Diesel Generator & Building Removal – **Complete**
- North Warehouse Removal – **Complete**
  - All Waste Shipped Off-Site – Mid-December 2016

### ➤ Holtec Cask System Fabrication

- Shop fabrication complete for Cask Systems 1 thru 12 (of 45)
- Received Cask Systems 1-12 (Hi-Storm Fabrication – Complete)
- Multi-Purpose Canisters (MPC) and Hi-Storms stored on ISFSI Pad

# VY Decommissioning Update (Cont'd)



North Warehouse Demolition

Site of 2<sup>nd</sup> ISFSI Pad





- **Water Management Program**

- **Intrusion Water Storage Action Plan**

- Intrusion water is currently stored in one metal “frac” tank outside of the Turbine Building. FRAC tank winterization is complete.
- In-leakage prevention projects are in-progress seeking to further reduce the intrusion of groundwater.
  - Impact of the modifications to the seismic gap has resulted in a reduction in intrusion water.
  - Estimated reduction from 900-1000 gals/day to 400-500 gals/day.

- **EnergySolutions is providing shipment and disposal services**

- Groundwater is being shipped to EnergySolutions licensed disposal site in Tennessee.
- The currently schedule is three (3) shipment per month at the current intrusion rate.
- A total of 394,000 gallons have been shipped to date.

# Nuclear Decommissioning Trust Update



# Nuclear Decommissioning Trust Update

- The ENVY Nuclear Decommissioning Trust (NDT) balance was \$574.9 Million on September 30, 2016
- The NDT balance was \$562.9 Million on October 31, 2016
  - The decrease was due to reimbursements from the NDT and negative market performance.
  - Summary of NDT Performance through 3Q16:
    - \$60.4M in Qualified Withdrawals
    - \$31.2M in Market Gains
    - \$3.3M in Fund Expenses
- The Site Restoration Trust balance was \$16.7 Million on October 31, 2016. (Slight decrease from Sept. 2016)
  - Entergy has funded \$15M to date; \$1.7M fund growth.
  - \$5M annual contributions to the Site Restoration Trust scheduled for December 2016 and December 2017 (Total \$10M).

# Open Communication and Transparency

- Nuclear Decommissioning Citizens Advisory Panel (NDCAP)
- Stakeholder Outreach
  - Speaking Engagements
  - Continued Community Involvement & Charitable Giving
- Tours for Key Stakeholders
- Entergy Nuclear Vermont Yankee Decommissioning Website, [www.vydecommissioning.com](http://www.vydecommissioning.com)

# Questions?

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

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