

Nuclear Decommissioning Citizens Advisory Panel (NDCAP)

January 28, 2015



Introductions

Chris Wamser
VP, Entergy Vermont Yankee (EVY)

EVY Current Plant Status

- ▶ The focus of Entergy Vermont Yankee (EVY) and its Employees continues to be our ongoing commitment to safety.
- ▶ On December 29th, 2014 Vermont Yankee (VY) ceased power operations at the nuclear facility. (633 days of continuous power operation – a record for the VY site)
- ▶ On January 12th, 2015, all nuclear fuel removed from the reactor and placed in the Spent Fuel Pool (SFP).
- ▶ VY certified to the USNRC that that reactor was defueled and its intention to permanently cease operations.
- ▶ VY exited the NRC Reactor Oversight Process (ROP) and commenced the decommissioning inspection program on January 20, 2015.

People

- ▶ Workforce was reduced from 528 to 343 on January 19th, 2015 to support the current SAFSTOR organization and Emergency Response Organization (ERO).
 - 13 employees asked to stay while VY awaits NRC approval of SAFSTOR ERO changes.
 - 67 employees transferred within Entergy
 - 88 employees from VT, 69 from NH, 28 from MA
- ▶ Entergy provided retention, severance and relocation benefits

Focused on Safe Transition to Dry Fuel and Dormancy

- ▶ Continued Compliance with the Settlement Agreement/MOU
- ▶ Decommissioning Preparation Activities
 - System Draining/Lay-Up
 - Building Power Removal to “Cold and Dark”
 - Security Modifications
- ▶ Select Structure/Building Removal
- ▶ Ongoing Environmental Monitoring
- ▶ Establishment of Site Restoration Standards with the State of Vermont
- ▶ Completion of 2nd ISFSI Pad & Transferring Spent Fuel from Pool to Pad

Emergency Plan

- ▶ Robust Emergency Plan remains in place
- ▶ States fully funded*
 - Vermont – Over \$2.1 Million
 - New Hampshire – Over \$ 1.4 Million
 - Massachusetts – Over \$ 1.05 Million
- ▶ Minor changes as a result of plant shut down
- ▶ Significant reduction in potential events as a result of defueling
- ▶ Much slower event progression warrants future changes.

* *Fiscal Year (FY) 2015*

Staffing Transition to Decommissioning

Operation		Dormancy Preparation					SAFSTOR
2013	2014	2015	2016	2017	-	2020	2021+

Defuel

Fuel Cool

Fuel in Dry Storage

*1st ISFSI Pad Full;
2nd Pad Needed*

Wet Fuel (Cool)
Management

~127 Personnel

Dry Fuel
Management
~58 Personnel

Site Operation
✓ Operation
Safety

~550 Personnel

Wet Fuel (Hot)
Management

~316 Personnel

Decom Planning

Organizations

For More Information

- ▶ The Vermont Yankee Decommissioning website:
 - www.vydecommissioning.com