

Glovebox Overview

Purpose

- Provide equipment to safely vent hydrogen from T

Changes

- In Unpack Area (UPA)
 - Glovebox (capacity for 5 TCs) & airlock
 - Inlet carbon filter unit (prevents release of ag
 - 2 ACAMS (Glovebox and Airlock)
 - Hydrogen monitor in glovebox
- Outside Munitions Demilitarization Building
 - Ventilation system and vent stack (1000 cu
 - 2 variable speed drive fan units that each i
 - two activated carbon beds and an e a prefilter
 - 3 ACAMS (between each carbon bed

UMCDF Project General Manager Doug Hamrick discusses the modifications made to the plant to accommodate the HD mustard ton container glovebox during a presentation to the Citizens' Advisory Commission Jan. 15. Hamrick also gave updates on changes being made to the Metal Parts Furnace, Bulk Drain System and Brine Loadout Station in preparation for the mustard campaign.

UMCDF Highlights

- It has been 928 days, or more than 4 million work hours, since a lost-time accident occurred at the UMCDF (July 7, 2006).

Umatilla Chemical Agent Disposal Facility Processing

(Jan. 14 - 20, 2009)

Total number of VX-filled land mines destroyed this period	
Total VX land mines destroyed to date	11,685
Percentage of VX land mines destroyed to date	100
Pounds of VX agent destroyed this period	0
Pounds of total VX agent destroyed to date	734,262
Total munitions destroyed to date since start of operations (Sept. 7, 2004) including non-stockpile GB and VX ton containers	217,969
Nominal tons of chemical agent destroyed to date	1,377.86
Percentage of total agent tons destroyed	37.07

UMCD/UMCDF Milestones

- **Nov. 8, 2008** – UMCDF surpasses 4 million hours without a lost-time injury
- **Nov. 5, 2008**: Last VX mines destroyed in the Deactivation Furnace System (DFS).
- **Nov. 4, 2008**: Last VX mines transported from depot storage to disposal plant.
- **Sept. 25, 2008**: First VX mines transported from depot storage to disposal plant and destroyed in the(DFS).
- **Aug. 6, 2008**: Completed VX 8-inch projectile campaign.
- **July 16, 2008**: Processed first VX 8-inch projectile in the Metal Parts Furnace (MPF).
- **July 15, 2008**: First VX 8-inch projectiles transported from depot storage to disposal plant.
- **June 27, 2008**: Completed VX 155mm projectile campaign.
- **March 21, 2008**: Destroyed first VX 155mm projectile in the MPF.
- **March 20, 2008**: First VX 155mm projectiles transported from depot storage to disposal plant.
- **Jan. 23, 2008**: Completed VX rocket campaign.
- **Dec. 24, 2007**: Completed VX spray tank campaign.
- **Nov. 26, 2007**: Processed the non-stockpile VX ton container.
- **Nov. 23, 2007**: Destroyed the first VX spray tanks in the MPF.
- **Nov. 19, 2007**: First VX spray tank transported from depot storage to disposal plant.
- **Nov. 9, 2007**: First VX chemical agent destroyed in the Liquid Incinerator (LIC).
- **Oct. 29, 2007**: Processed the first VX M55 rockets in the DFS.

Challenge will address safety and compliance

All UMCDF employees will be challenged this spring to review the environmental and safety procedures at UMCDF as part of the 2009 Employee-led Challenge. The event will take place the last two weeks of April and the first two weeks of May.

All three employee-led teams – Safety Management and Recognition team (SMART), Environmental Process Improvement Team (EPIT) and Toxic Area Safety and Compliance (TASC) – are joining forces to put on the challenge. The former EPIT Challenge, which focused strictly on environmental compliance, is being expanded to incorporate the key focus of all three employee-led groups: Safety, environmental compliance and toxic area safety.

The Challenge Planning Committee wants the 2009 Challenge to be challenging and informative for both employees who work in the plant and those in support functions outside the plant.

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