



Secondary waste processing can resume after EQC review

Commission also approves post-trial burn risk assessment

UMCDF is ready to resume processing of secondary waste after Oregon's Environmental Quality Commission (EQC) agreed at its Thursday meeting that incineration of that waste in the Metal Parts Furnace (MPF) or Deactivation Furnace System (DFS) represents the best available technology (BAT).

The EQC also acted on the UMCDF post-trial burn risk assessment (PostRA), also known as the Human Health Risk Assessment (HRA).

Multnomah County court remanded three issues to the EQC for findings on BAT and no major adverse impact. One of the remanded BAT determinations is the destruction of agent-contaminated secondary wastes originally intended for the dunnage incinerator at UMCDF, which was never built. The Oregon Department of Environmental Quality (DEQ) recommended that the EQC find that incineration in the MPF or DFS represents the BAT for treatment of those wastes.

Regarding the post-trial burn risk assessment, the DEQ held a public hearing May 29 in Hermiston and the public comment period concluded June 11. Many comments concurred with the DEQ determination that the probability of a major adverse effect on human health or the environment from permitted UMCDF operations is exceptionally low at the facility boundary and decreases rapidly beyond that point. DEQ presented an action item supporting the PostRA, which was accepted by the EQC.

UMCDF reaches milestones

The Umatilla Chemical Agent Disposal Facility (UMCDF) reached two significant milestones in its VX chemical agent campaign Wednesday.

During 155mm VX projectile processing, the facility surpassed the 75 percent mark for projectile destruction, a number that includes those in the upcoming 8-inch VX "projo" campaign.

Also, the plant eclipsed the 500,000 pound total for VX agent processed in the two Liquid Incinerators (LICs). The 523,362 total pounds of VX agent destroyed to date includes estimated agent processed in the Metal Parts Furnace (MPF) and Deactivation Furnace System (DFS).

UMCDF Highlights

- It has been 712 days, or more than 3.8 million work hours, since a lost-time accident occurred at the UMCDF (July 7, 2006).

Umatilla Chemical Agent Disposal Facility Processing (June 12 - 18, 2008)

Total number of VX-filled 155mm projectiles destroyed this period	3,480
Total VX projectiles destroyed to date	27,164
Percentage of VX projectiles destroyed to date	75.3
Pounds of VX agent destroyed this period	20,997
Pounds of total VX agent destroyed to date	523,362
Total munitions destroyed to date since start of operations (Sept. 7, 2004) including non-stockpile GB and VX ton containers	197,383
Nominal tons of chemical agent destroyed to date	1,277.41
Percentage of total agent tons destroyed	34.36

UMCD/UMCDF Milestones

- March 21, 2008:** Destroyed first VX 155mm projectile in the Metal Parts Furnace (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 Deactivation Furnace System (DFS).
- Oct. 26, 2007:** First VX M55 rockets transported from depot storage to disposal plant.
- July 8, 2007:** Completed GB munitions campaign.

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