

Rocket Science

An M55 Rocket's Path to Disposal



- 1** Rockets move from storage igloos to the Umatilla Chemical Agent Disposal Facility in containers designed to protect against fire and impact
- 2** Workers position containers with weapons onto conveyors that will carry them to the disposal process
- 3** Control room operators remotely manage the disposal process using computers and video monitoring equipment
- 4** In explosion proof rooms, automated equipment drains chemical agent from rockets and then chops them into eight pieces
- 5** Drained agent and chopped rocket pieces travel to different furnaces for final disposal:
 - The Liquid Incinerator destroys chemical agent
 - The Deactivation Furnace System destroys explosive materials and decontaminates rocket pieces so no residual agent remains
- 6** A Pollution Abatement System cools and cleans incinerator emissions to ensure they meet clean air regulations, with a final pass through carbon filters
- 7** Thousands of air samples are taken daily in and around the plant
- 8** A ventilation system and carbon filters ensure no chemical agent inside the plant is released into the environment
- 9** Waste byproducts are treated and checked to ensure all chemical agent has been destroyed, then sent to permitted hazardous waste landfills



For more information,
contact the
**Umatilla Chemical Disposal
Outreach Office**
190 E. Main St.
Hermiston, OR 97838
Phone: (541) 564-9339
Fax: (541) 564-9532

or contact the
Public Affairs Office
(541) 564-5312

or the
CMA Public Affairs Office
(800) 488-0648