



Pine Bluff Chemical Agent Disposal Process

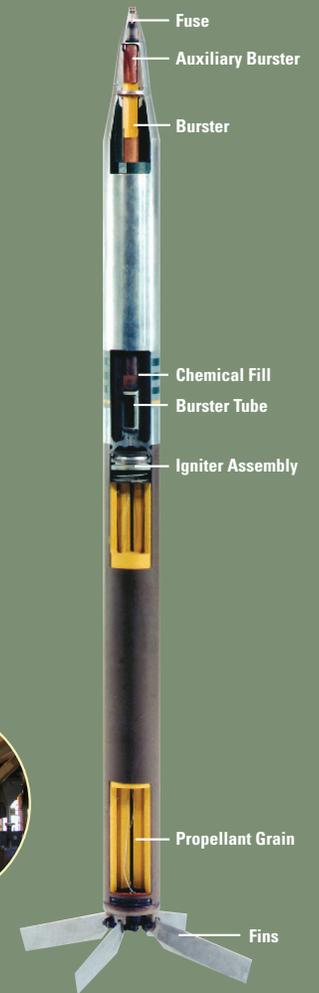
An M55 Rocket's Path to Disposal



1. Rockets were moved from the Storage Area igloos to the Chemical Agent Disposal Facility in Enhanced On-Site Containers, which provided protection of the rockets during transportation and short-term storage at the Chemical Agent Disposal Facility prior to processing
2. Workers positioned the Enhanced On-Site Containers containing the rockets onto conveyors that transported them to the munition Unpack Areas
3. Workers removed the rockets from the Enhanced On-Site Container and placed the rockets into the robotically controlled Rocket Handling System
4. Control room operators remotely managed the disposal process using computers and video monitoring equipment
5. In the Explosion-Containment Rooms, automated equipment drained the chemical agent from the rocket and then cut the rocket into smaller pieces
6. Drained chemical agent and rocket pieces traveled to different specially designed furnace systems for disposal processing
 - The Liquid Incinerator destroyed the chemical agent
 - The Deactivation Furnace System destroyed and decontaminated the energetic materials and remaining chemical agent in the rocket pieces
7. A Pollution Abatement System cooled and cleaned the incinerator emissions providing protection of our environment and compliance with clean air regulations
8. Thousands of air samples were taken daily in and around the plant confirming proper operations and ensuring worker safety and protection of our environment
9. A ventilation system and multiple carbon filters ensured that the chemical agent was contained within the plant, ensuring worker safety and protection of our environment
10. Waste products (such as metal parts, ash and scrubber brines) were checked to confirm that chemical agent has been destroyed, then sent to appropriately permitted waste disposal facilities



M55 Rocket



For more information, contact the
Outreach Office for Chemical Disposal
 Woodlands East
 7197 Sheridan Road, Suite 110
 White Hall, AR 71602
 Phone: (870) 247-2025
 Phone: (870) 534-4901
 Fax: (870) 247-2335

or contact the
Public Affairs Office
 (870) 540-2047

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