



U.S. ARMY CHEMICAL MATERIALS AGENCY

FACT SHEET

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Pine Bluff Chemical Agent Disposal Facility

Suiting up for Safety

The Demilitarization Protective Ensemble (DPE) is a heat-sealed, one-time-use suit that, with supporting equipment, weighs about 50 pounds. These airtight suits provide the highest level of protection against chemical agent exposure for workers accessing areas of the disposal plant where the chemical weapons are disassembled and the agent destroyed. Workers at Pine Bluff and other disposal sites have successfully completed tens of thousands of entries into these areas wearing DPE suits.

DPE Suit



Communications

A radio transmitter provides contact with emergency backup personnel, control room and other support staff.

Protective suit

Specially blended materials help seal out harmful chemicals.

Life Support

Primary supply comes through hose connection to purified air; a self-contained breathing apparatus provides 8 to 10 minutes of escape air in case the primary supply is disrupted. Heart monitor around chest checks for signs of distress.

Gloves

Three layers are used, with thick butyl rubber gloves as the top layer.

Boots

One-piece suit slips into butyl rubber boots that are then sealed to the suit.



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