

THE MEMPHIS DEPOT **TENNESSEE**

ADMINISTRATIVE RECORD COVER SHEET

AR File Number <u>687</u>

687



February 21, 2002

MEMPHIS DEPOT Environmental Program Update

Presented to the Memphis Depot Restoration Advisory Board

John P De Back - DOD Base Transition Coordinator

Presentation Overview



- Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
 - Environmental Evaluation Process
- Voluntary Early Removal Actions
- Depot CERCLA Process Timeline
 - Actions completed to date
- Future Activities 2002-2003
- Future Activities Beyond 2003

CERCLA Environmental Evaluation



6-step process involving Environmental Protection Agency (EPA) and Tennessee Department of Environment and Conservation (TDEC)

- 1. Preliminary Assessment
- 2. Site Investigation
- 3. Remedial Investigation
- 4. Feasibility Study
 - Proposed Plan
 - Record of Decision
- 5. Remedial Design
- 6. Remedial Action

Voluntary Early Removal Actions



May be conducted at any time during the CERCLA process

1985

Removed pentachlorophenol (PCP) dip vat and soil

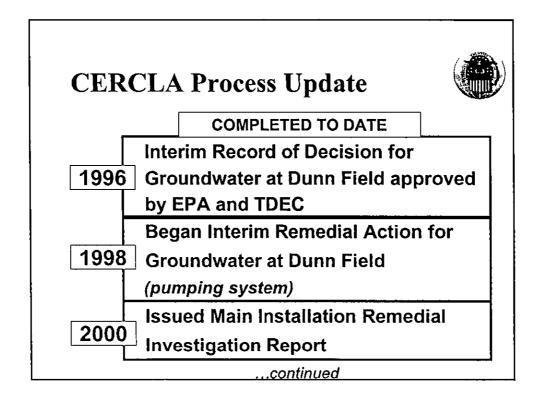
1998

Removed soil containing dieldrin from Family Housing Area and soil containing polychlorinated biphenol (PCB) from Cafeteria area

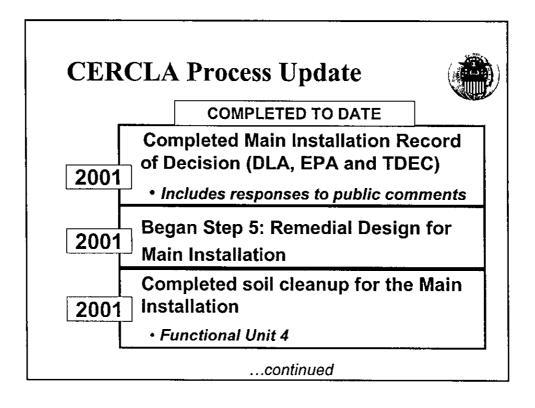
2000

Removed soil containing lead from Old Paint Shop and Maintenance Area;

Began Chemical Warfare Materiel (CWM) removal action



| CER | CLA Process Update | |
|------|---|--|
| Г | COMPLETED TO DATE | |
| 2000 | Completed Main Installation Feasibility Studies for Soil and Groundwater | |
| 2000 | Completed Main Installation Proposed Plan including Public Comment Period | |
| 2001 | Testing begins for Dunn Field | |
| | Remedial Investigation | |
| | • Soil Vapor Extraction Pilot Test | |
| _ | continued | |



CERCLA Process Update



COMPLETED TO DATE

Completed CWM Removal

- · Voluntary Early Removal Action
- Dunn Field

2001

2001 Installed additional recovery wells to enhance Interim Remedial Action for Groundwater at Dunn Field

Future Activities



2002-2003

- Complete Main Installation Remedial Design Work Plan
- Complete Dunn Field Feasibility Study
- •Complete Dunn Field Proposed Plan
 •Including public comment period
- Finalize Dunn Field Record of Decision
 Including responses to public comments

...continued

Future Activities



Beyond 2003

- Complete Dunn Field Remedial Design
- Operate and Monitor Remedial Actions at Main Installation and Dunn Field
 - To insure operations meet Remedial Action Objectives



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