

DMSA C-337-27
Solid Waste Management Unit Assessment Report

SWMU/AOC NUMBER: 331

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 12/21/07

REGULATORY STATUS: SWMU

LOCATION: Located along the east wall in the northeast quadrant of the C-337 process building between columns Qa48-49/Qb48-49.

APPROXIMATE DIMENSION OR CAPACITY: 482 ft²

FUNCTION: Temporary storage of materials

BRIEF HISTORY: This area was used as a storage area for miscellaneous equipment and materials. In 1996 this area was deleased by the United States Enrichment Corporation to U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA). In December 2002, DOE began characterization/remediation of the materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which later was incorporated as Appendix E of the 2003 Agreed Order. Characterization activities were completed in January 2007. The Final Inventory and Characterization Report (FI/CR) was submitted March 8, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on May 22, 2007.

Resource Conservation and Control Act (RCRA) closure activities are set forth in the *Agreed Order Closure Plan for the DOE Material Storage Areas at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, BJC/PAD-720/R3*. The *Notification of Intent to Proceed with Closure* was submitted in May 7, 2007. KDWM approved the *Notification of Intent to Proceed with Closure* on October 8, 2007.

PRESENT OPERATIONAL STATUS: Inactive

DATES OPERATED: 1994 to 2007

SITE/PROCESS DESCRIPTION: A DOE storage area for miscellaneous equipment and materials located along the east wall in the north east quadrant C-337 process building.

WASTE DESCRIPTION: The SWMU is currently empty. Newly discovered RCRA regulated hazardous waste formerly stored included welding rods, fuses, and broken light bulbs (~ 0.3 ft³). Newly generated RCRA regulated hazardous waste removed included light bulbs, selenium plates, and waste oil (~ 0.7 ft³). The Toxic Substances and Control Act polychlorinated biphenyl regulated wastes formerly stored included several small capacitors and light ballast (~ 0.2 ft³). The low-level wastes formerly stored included large pieces of equipment such as welders, an electrical distribution system on a cart to smaller equipment such as air conditioners, empty containers, water fountain, and heater. The landfill solid wastes formerly stored included numerous metal cabinets,

empty containers, and a large cool room. A detailed description of the characterized waste can be found in the Final Inventory and Characterization Report.

WASTE QUANTITY: currently 0 ft³ - 2,968 ft³ removed

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: No sampling of environmental media has occurred.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: None known

GROUNDWATER:	None known
SURFACE WATER:	None known
SOIL:	None known
ECOLOGY:	None known

DOCUMENTATION OF NO RELEASE: The *Notification of Intent to Proceed with Closure* submitted on May 7, 2007, approved by KDWM on October 8, 2007, documents that no signs of spills or releases were found. There have been no known spills or releases of materials from this SWMU to the environment.

IMPACT ON OR BY OTHER SWMU/AOC: There is no evidence that this SWMU impacts or is being impacted by other SWMUs.

PRG COMPARISON: N/A

RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. All wastes have been removed from this SWMU. This unit is being proposed for no further action since it is no longer active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment.

OPERABLE UNIT ASSIGNMENT: N/A



SWMU 331
DMSA C-337-27
View Facing East
November 5, 2007

