

**DMSA C-333-28**  
**Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 284

**DATE OF ORIGINAL SAR:** 12/01/00

**DATE OF SAR REVISIONS:** 06/14/10

**REGULATORY STATUS:** SWMU

**LOCATION:** West half of the C-333 Process Building between columns J24-25/Ja24-25.

**APPROXIMATE DIMENSION OR CAPACITY:** 460 ft<sup>2</sup>

**FUNCTION:** Temporary storage of materials.

**BRIEF HISTORY:** The storage area was created in 1987 as a supplemental waste storage area when the low-level waste (LLW) generation rate exceeded the capacity of existing LLW storage facilities.

This area was deleased by the United States Enrichment Corporation to the U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA) on December 31, 1996. In February 2001, DOE characterized materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which was incorporated as Appendix E of the 2003 Agreed Order. The DMSA was noted empty of material at the start of characterization activities. This area then was used as a staging area for other DMSA materials until 2009.

DMSA field personnel inspected this DMSA in May 2007, reverified the DMSA contained no materials from DMSA C-333-28, found no signs of spills or releases of hazardous material, and noted that this area was actively storing waste items from other DMSAs. The *Final Inventory and Characterization Report* (FI/CR) was submitted July 13, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on August 30, 2007.

Resource Conservation and Recovery Act (RCRA) closure was not required for this SWMU, since no hazardous wastes were stored in this unit, per the 2003 Agreed Order.

**PRESENT OPERATIONAL STATUS:** Inactive

**DATES OPERATED:** 1987 to 2009

**SITE/PROCESS DESCRIPTION:** An inside DOE storage area located in the C-333 Process Building.

**WASTE DESCRIPTION:** This SWMU currently is empty. A detailed description can be found in the FI/CR.

**WASTE QUANTITY:** Currently 0 ft<sup>3</sup>; waste quantity removed 0 ft<sup>3</sup>

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

**DESCRIPTION OF RELEASE AND MEDIA AFFECTED:** None known

<b>GROUNDWATER:</b>	None known
<b>SURFACE WATER:</b>	None known
<b>SOIL:</b>	None known
<b>ECOLOGY AFFECTED:</b> (i.e., threatened/endangered species):	None known

**DOCUMENTATION OF NO RELEASE:** No documents were identified indicating a spill or release at this unit.

**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. This SWMU is inside an operational process building with a concrete floor. All temporarily stored wastes have been removed from this DMSA. This unit is being proposed for no further action because it no longer is 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



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June 16, 2009**

