

DMSA C-333-38
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 291

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 12/01/09

REGULATORY STATUS: SWMU

LOCATION: Southeast corner of the C-333 Process Building at columns La47-48/Lb47-48.

APPROXIMATE DIMENSION OR CAPACITY: 146 ft²

FUNCTION: Temporary storage of materials

BRIEF HISTORY: Most of the storage areas in C-333 were created in 1995 during the Rad Area Reduction Project. The objective of this project was to consolidate excess material and equipment scattered throughout the building to provide additional nonradiological floor space.

On December 31, 1996, this area was released by the United States Enrichment Corporation to the U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA). In January 2009, DOE initiated and completed characterization of the materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which was incorporated as Appendix E of the 2003 Agreed Order. The *Final Inventory and Characterization Report (FI/CR)* was submitted March 3, 2009, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on May 8, 2009.

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: 1995 to 2009

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

WASTE DESCRIPTION: The SWMU currently is empty. The low-level waste formerly stored consisted of metal boxes containing miscellaneous metal and wood items, pipe, trash, flanges, and a steam coil. A detailed description of the characterized waste formerly stored in the SWMU can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 288 ft³

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 AFFECTED: (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. 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 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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January 8, 2009**

