

DMSA C-331-03
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 237

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISION: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Northeast corner of the C-331 process building at columns C31-32/E31-32

APPROXIMATE DIMENSION OR CAPACITY: 200 ft²

FUNCTION: Temporary storage of materials

BRIEF HISTORY: Most of the storage areas in C-331 were created during the Rad Area Reduction Project conducted from 1993 to 1995. The objective of this project was to consolidate excess material and equipment scattered throughout the building to provide additional nonradiological floor space. In 1996, 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). From September 2002 to September 2002, DOE characterized 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 January 26, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 27, 2007. Resource Conservation and Recovery Act 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: 1993 to 2002

SITE/PROCESS DESCRIPTION: A DOE designated storage area located in the northeast corner of the C-331 process building.

WASTE DESCRIPTION: The SWMU currently is empty. The low-level waste formerly stored included conduit stored on wooden pallets and crated unused parts/equipment for the recirculating cooling water system. 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 241 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

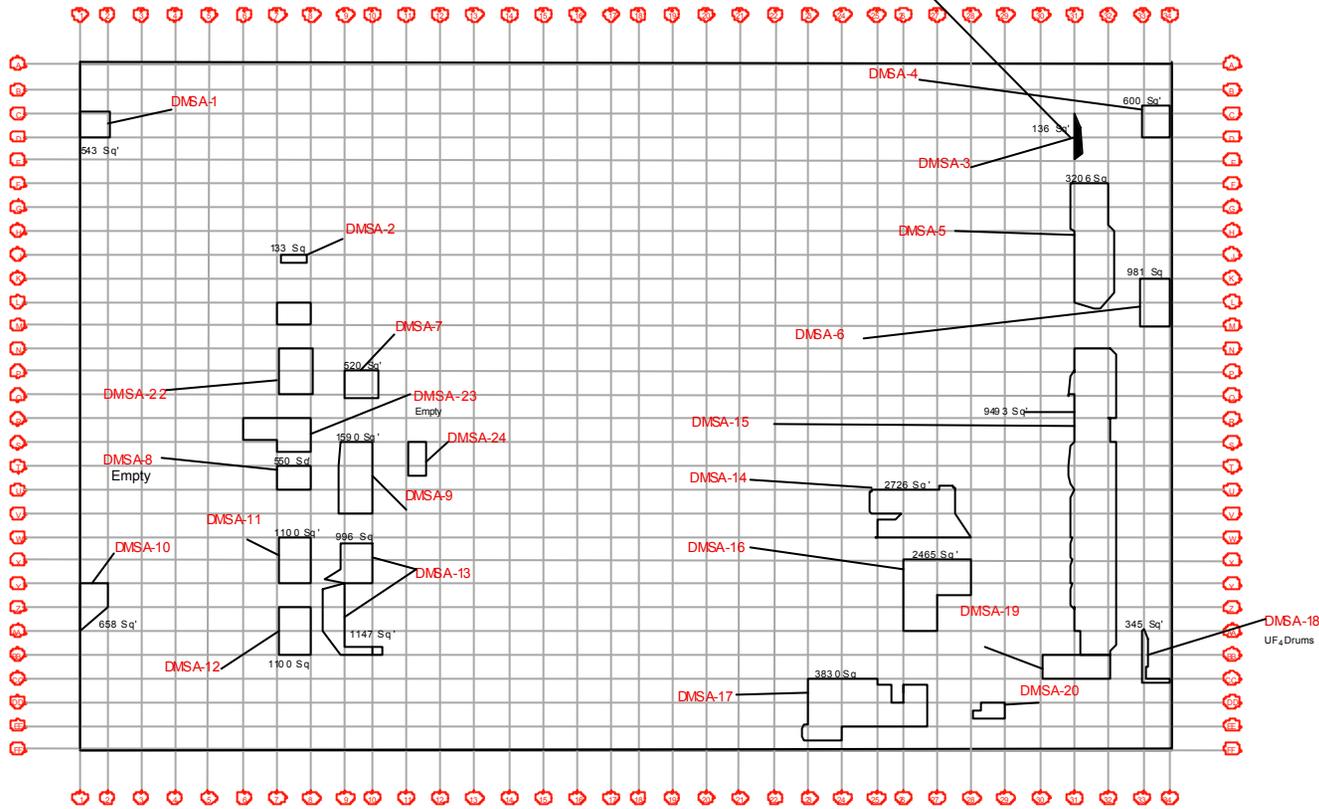
RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. All wastes have been removed from this DMSA. This unit is being proposed for no further action since it no longer is active, has no evidence of releases to the environment, and is not believed to pose a risk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

OPERABLE UNIT ASSIGNMENT: N/A

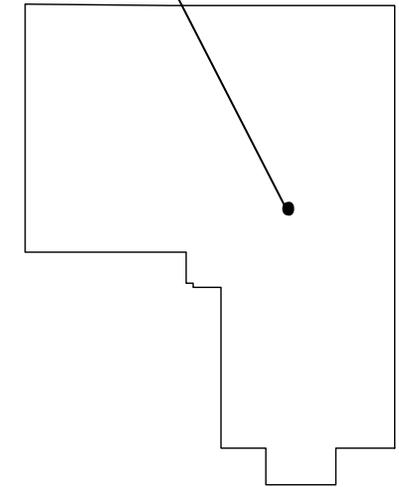


SWMU 237
DMSA C-331-03
View Looking North
September 26, 2007

SWMU 237



SWMU 237



Paducah Gaseous Diffusion Plant

LEGEND

 OFFICIAL DOE DMSAs PER 12/31/96

AGREEMENT BETWEEN DOE AND USEC



C-331 Ground Floor - SWMU 237

U.S. DEPARTMENT OF ENERGY
DOE PORTSMOUTH/PADUCAH PROJECT OFFICE
PADUCAH GASEOUS DIFFUSION PLANT



Figure No. C-331-03-237
Date 03-08-08