

DMSA C-331-11
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 245

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Southwest quadrant of the C-331 Process Building between columns W7-8/Y7-8.

APPROXIMATE DIMENSION OR CAPACITY: 1,100 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 1993-1995, in which the excess equipment and materials scattered throughout the building were consolidated into designated storage areas to provide additional non-rad floor space.

The area was deleased by the United States Enrichment Corporation (USEC) to the U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA) on December 31, 1996. In 2002, 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 *Final Inventory and Characterization Report (FI/CR)* was submitted September 11, 2002, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 15, 2004. In June 2008, the SWMU was leased again to USEC to store non-polychlorinated biphenyl (PCB) transformers.

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 2004

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the southwest quadrant of the C-331 Process Building.

WASTE DESCRIPTION: This SWMU currently is empty. Reusable materials formerly stored included four non-PCB dry type transformers. These transformers (one is shown in the accompanying photograph) have been transferred to USEC. A detailed description of the characterization can be found in the FI/CR.

WASTE QUANTITY: No wastes were stored; 1,816 ft³ of reusable equipment was identified.

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: None

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

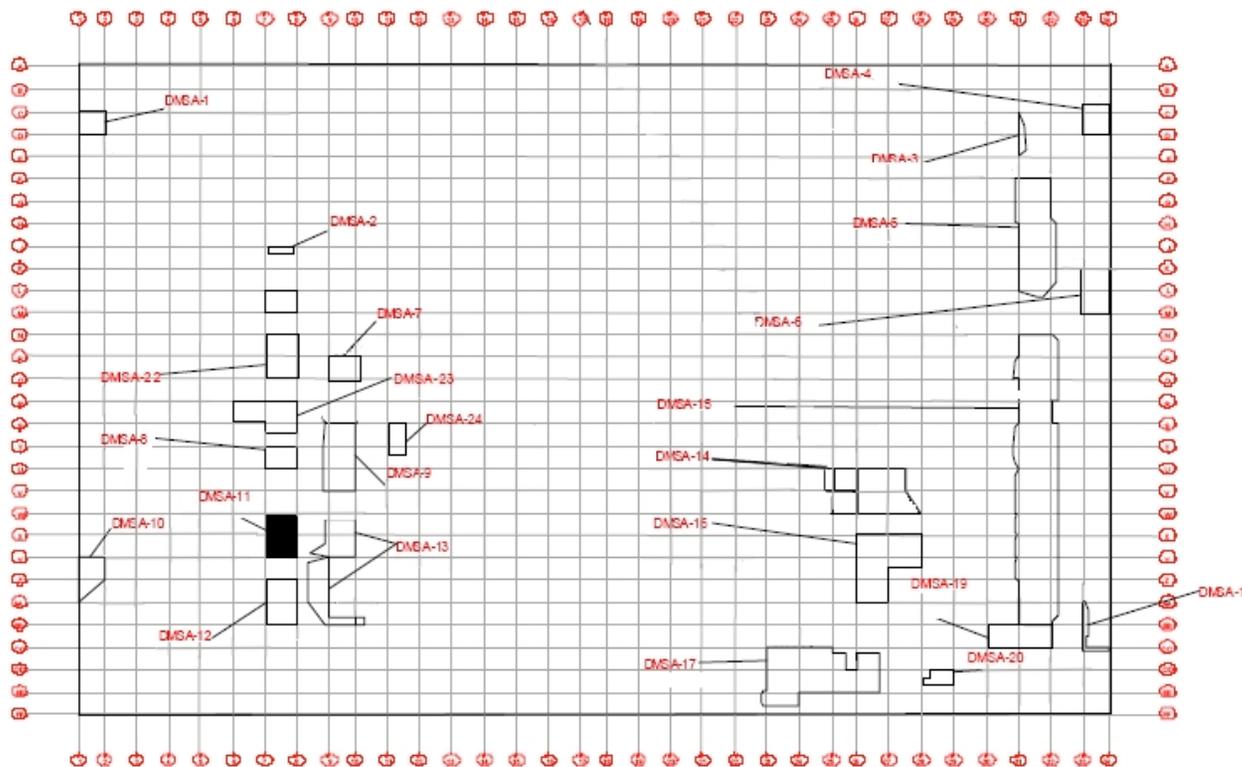
RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. This unit is being proposed for no further action since it no longer is active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment.

OPERABLE UNIT ASSIGNMENT: N/A

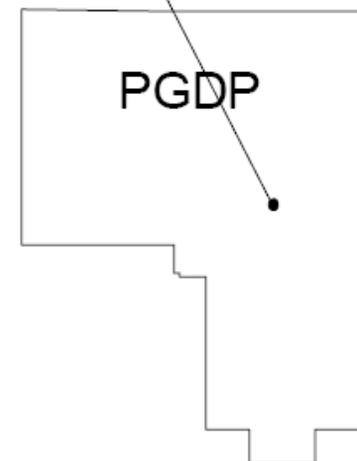


**USEC transformers (the area was re-leased to USEC in June 2008)
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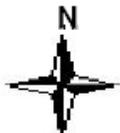
SWMU 245



Paducah Gaseous Diffusion Plant

LEGEND

 OFFICIAL DOE DMSA PER 12/31/96 AGREEMENT BETWEEN DOE AND USEC



C-331 Ground Floor - SWMU 245

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

