

DMSA C-331-23
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 254

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 12/01/09

REGULATORY STATUS: SWMU

LOCATION: West side of the C-331 Process Building between columns R6-8/T6-8.

APPROXIMATE DIMENSION OR CAPACITY: 1,540 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. The objective of this project was to consolidate excess material and equipment scattered throughout the building to provide additional nonradiological floor space.

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) on December 31, 1996. In February 2001 and again June 2007, DOE characterized 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 in 2000 and since the start of the field characterization activities in February 2001. It was reverified to be an empty, inactive facility with no signs of spills or releases of hazardous material in June 2007. The *Final Inventory and Characterization Report* (FI/CR) was submitted August 6, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on September 6, 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: 1993 to 2000

SITE/PROCESS DESCRIPTION: An inside DOE storage area located on the west side of the C-331 Process Building.

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

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

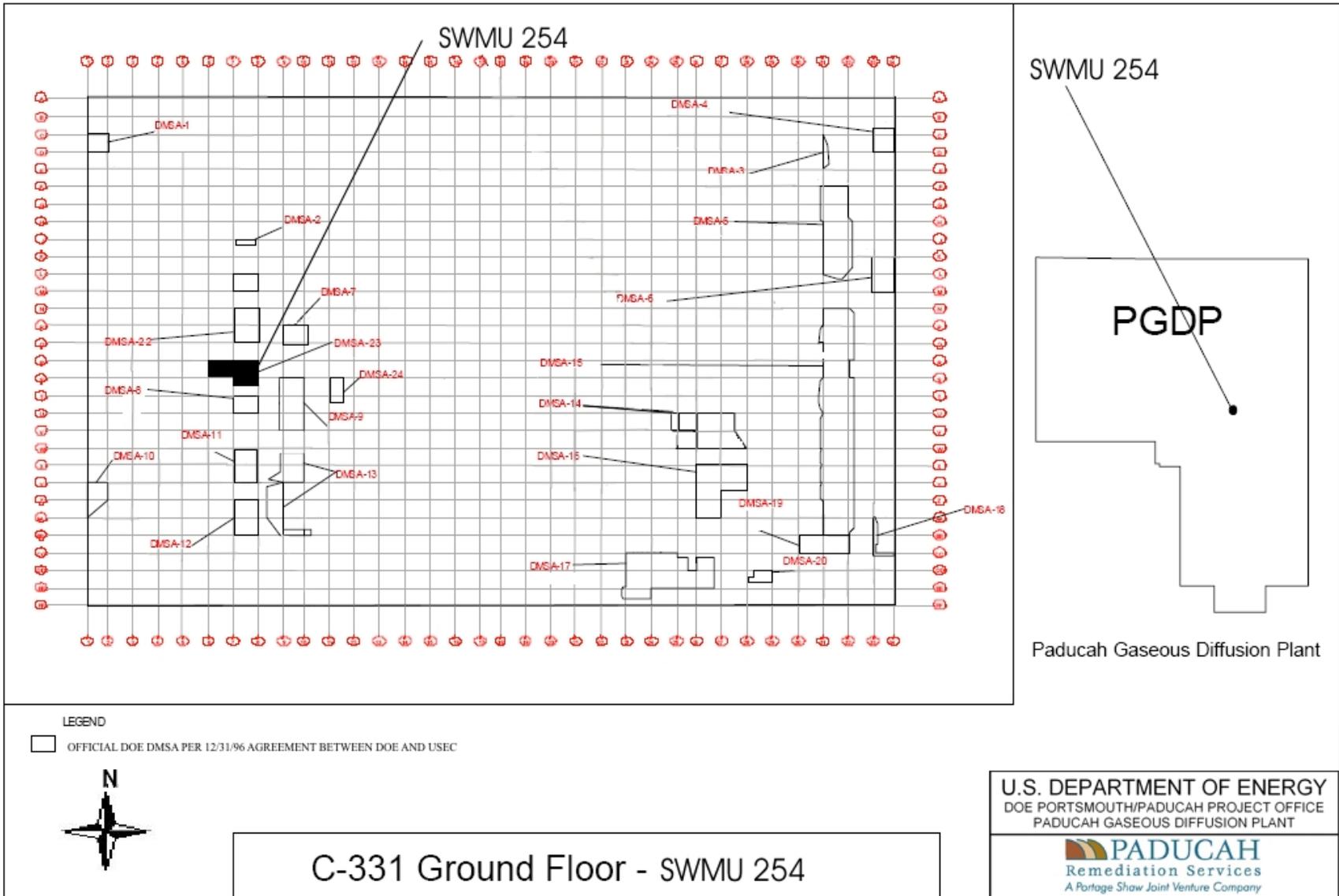
PRG COMPARISON: N/A

RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. 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 254
DMSA C-331-23
July 12, 2007**



LEGEND

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



C-331 Ground Floor - SWMU 254

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

PADUCAH
Remediation Services
A Portage Shaw Joint Venture Company