

DMSA C-331-06
Solid Waste Management Unit Assessment Report

SWMU/AOC NUMBER: 240

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 04/14/03; 12/21/07

REGULATORY STATUS: SWMU

LOCATION: Located along the east wall of the C-331 process building between columns K33-34/M33-34

APPROXIMATE DIMENSION OR CAPACITY: 800 ft²

FUNCTION: Temporary storage area for excess equipment and 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 controlled 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). In September 2002, DOE began characterization and remediation of the materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which later was incorporated as Appendix E of the 2003 Agreed Order. Characterization activities were completed in May 2006. The Final Inventory and Characterization Report (FI/CR) was submitted June 19, 2006, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on January 8, 2007.

Resource Conservation and Recovery Act (RCRA) closure activities were performed as set forth in the *Agreed Order Closure Plan for the DOE Material Storage Areas at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, BJC/PAD-720/R3. The *Notification of Intent to Proceed with Closure* was submitted on August 29, 2006. A RCRA Closure Certification Report was submitted to the KDWM on August 9, 2007 and was approved on October 8, 2007.

PRESENT OPERATIONAL STATUS: Inactive

DATES OPERATED: 1993-2006

SITE/PROCESS DESCRIPTION: A designated area for the temporary storage of excess equipment and miscellaneous materials located along the east wall of the C-331 process building.

WASTE DESCRIPTION: The SWMU is currently empty. Newly discovered RCRA regulated hazardous waste formerly stored included a light bulb. Newly generated RCRA regulated hazardous wastes removed included fuses, light bulbs, and a light starter. Toxic Substances and Control Act regulated wastes formerly stored included capacitors and asbestos containing materials. The low-level wastes formerly stored included bicycles, toolboxes, cabinets, carts, cable, motors, paper, plastic, and pieces of metal. A detailed description of the characterized waste can be found in the Final Inventory and Characterization Report.

WASTE QUANTITY: currently 0 ft³ - 2,325 ft³ removed

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:	None known

DOCUMENTATION OF NO RELEASE: The *Notification of Intent to Proceed with Closure* submitted on August 29, 2006, and the *DMSA C-331-06 Closure Certification* submitted on August 9, 2007, approved by KDWM on October 8, 2007, document that no signs of spills or releases were found. There have been no known spills or releases of materials from this facility to the environment.

IMPACT ON OR BY OTHER SWMU/AOC: There is no evidence that this SWMU impacts or is being impacted by other SWMUs.

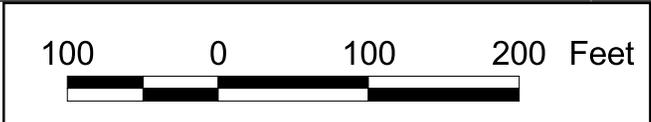
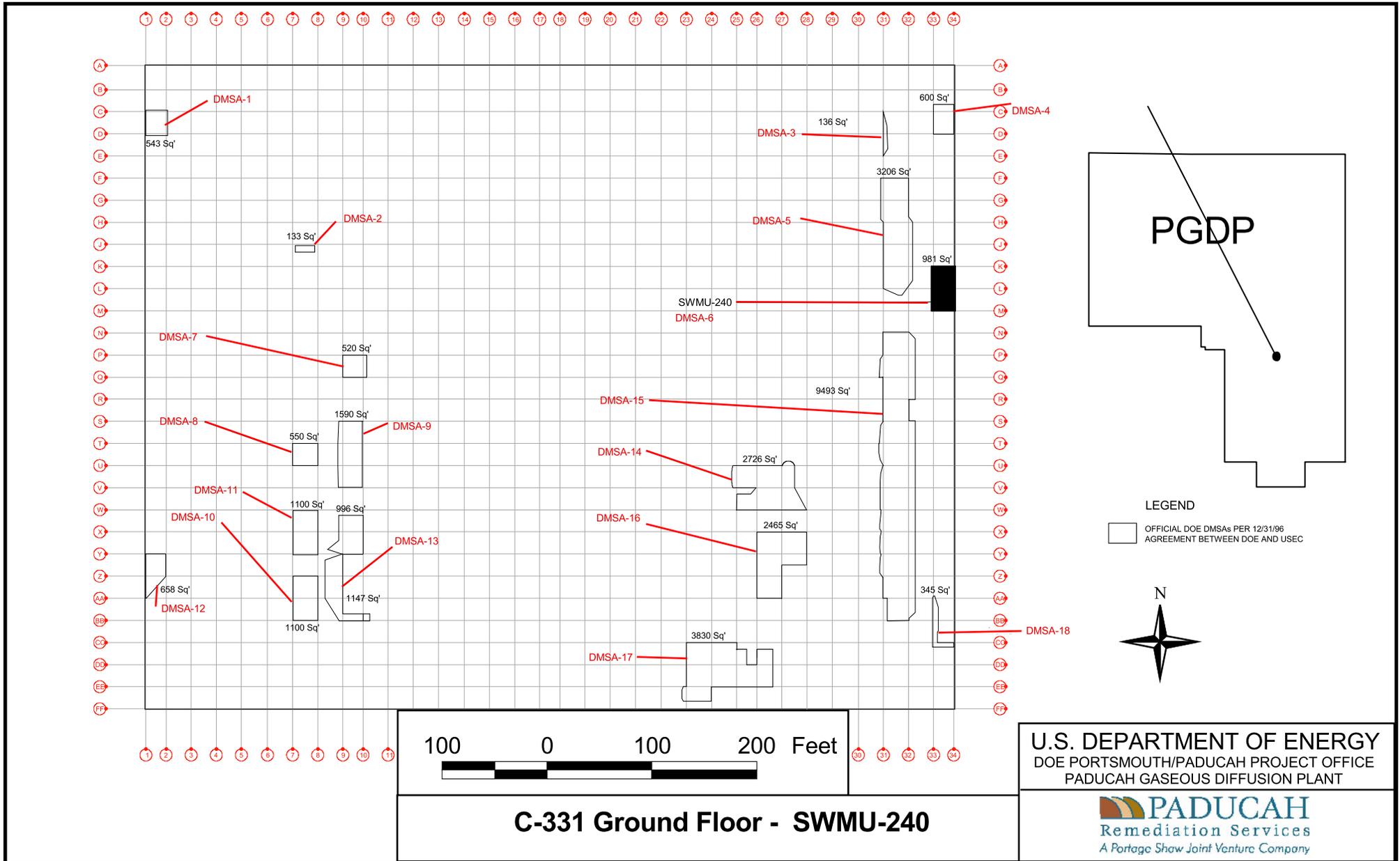
PRG COMPARISON: N/A

RFI NECESSARY: No. This SWMU is inside an operational process building with a concrete floor. All wastes have been removed from this SWMU. This unit is being proposed for no further action since it is no longer 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 240
DMSA C-331-06
View Facing East
November 5, 2007



C-331 Ground Floor - SWMU-240

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



FIGURE No. C-331-240-06apr
DATE 11-16-00