

**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND SWMU ASSESSMENT REPORT**

UNIT NUMBER: 546

UNIT NAME: Paducah Gaseous Diffusion Plant (PGDP) Post 67 Diesel Spill Area

DATE: 5/28/03

REGULATORY STATUS: SWMU

LOCATION: This SWMU is a diesel oil spill area near Post 67 on McCaw Road at PGDP.

APPROXIMATE DIMENSION: 3' x 3'

FUNCTION: Area used to re-fuel a portable generator.

BRIEF HISTORY: Diesel fuel has contaminated the asphalt, gravel, and the soil on the shoulder of McCaw Road near Post 67. The suspected source of the spill is re-fueling operations for a portable generator. The asphalt and other material on the ground that was contaminated have been removed. The asphalt that was unaffected was left in place. Clean gravel has been placed on the shoulder of the road. The road has been returned to normal use. A temporary dike was placed underneath the generator.

OPERATIONAL STATUS: Active

DATES OPERATED: February 2003 to present

SITE/PROCESS DESCRIPTION: Location of portable generator in use for guard post activities.

WASTE DESCRIPTION: United States Enrichment Corporation (USEC) placed absorbent material over the spill site. The asphalt, gravel, and soil in the area have been removed to depth of approximately 3 inches. Surveys indicated no radiological contaminated above background. USEC is responsible for proper management and disposition of the waste resulting from this cleanup.

WASTE QUANTITY: It is estimated that less than five gallons of diesel fuel had spilled over a period of time. Approximately 9 ft³ of material was containerized.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: N/A

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: The spill area was excavated. There are no continued releases from the area.

GROUNDWATER: N/A

SURFACE WATER: N/A

SOIL: N/A

ECOLOGY AFFECTED: None

DOCUMENTATION OF NO RELEASE: USEC prepared a Problem Report in March 2003 upon discovering the area during a safety inspection of the post.

IMPACT ON OR BY OTHER SWMU/AOC: There was no evidence of any impact on or by other SWMUs.

PRG COMPARISON: N/A

RFI NECESSARY: No. This area poses no threat to human health and the environment. No spills or other releases to the environment from this area are known.

NOTE: Elements included in this outline shall be considered and incorporated, as appropriate, when developing the above referenced document.



**Diesel Fuel Spill Near PGDP Post 67 – SWMU 546
May 2003**