

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

UNIT NUMBER: 476

UNIT NAME: Concrete Crusher

DATE: February 8, 2001

REGULATORY STATUS: Solid Waste Management Unit (SWMU)

LOCATION: SWMU 476 is located inside the plant security fence, west of the C-333 Process Building.

APPROXIMATE DIMENSION: 15 ft x 40 ft

FUNCTION: Crush concrete for recycling or disposal

BRIEF HISTORY: Per Bechtel Jacobs Company LLC (BJC) personnel, this unit was purchased in calendar year (CY) 2000 and was brought on-site in December 2000. This unit will be used to crush concrete rubble from various rubble piles located throughout the Department of Energy reservation and portions of the Kentucky Wildlife Management Area. The unit will first be used in January 2001.

OPERATIONAL STATUS: Active

DATES OPERATED: 2000 to present

SITE/PROCESS DESCRIPTION: Per BJC personnel, concrete rubble piles will be transferred from various locations to this area for staging prior to crushing. The crushate will be staged in this area as part of SWMU 465 until reuse or disposal. Air monitoring will be performed

WASTE DESCRIPTION: None. This unit is used for the crushing of concrete (solid waste).

WASTE QUANTITY: NA

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: There is no environmental sampling data for this unit. Radiological surveys have been performed according to BJC procedures.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: Per BJC personnel, dust emissions may occur from the operation of this unit. Emissions have been calculated and no air permit is required.

GROUNDWATER: NA

SURFACE WATER: NA

SOIL: NA

ECOLOGY AFFECTED (i.e., endangered/threatened species): None

DOCUMENTATION OF NO RELEASE:

IMPACT ON OR BY OTHER SWMU/AREAS OF CONCERN: This unit is situated on SWMU 193 and is adjacent to SWMU 465. There is no evidence of any impact on or by any other SWMU.

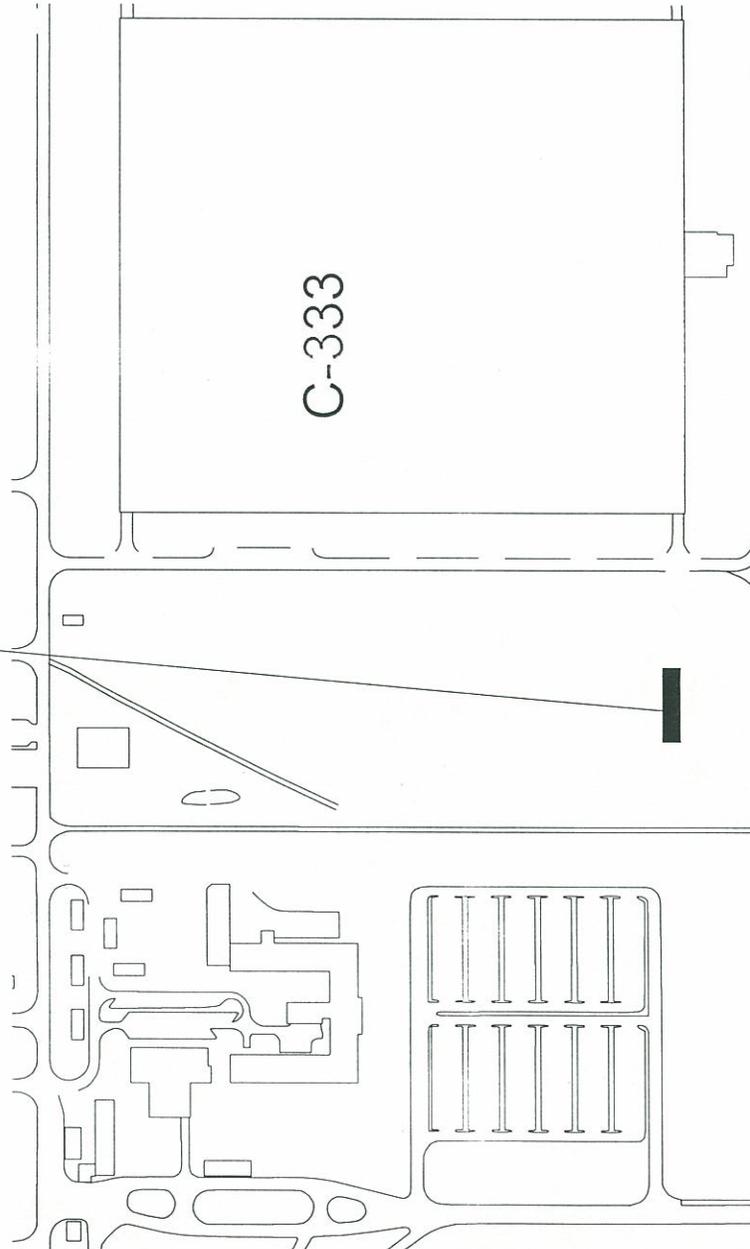
PRG COMPARISON: NA

RFI NECESSARY: No. This unit is being proposed for No Further Action. The unit will manage materials that do not pose a threat to human health and the environment. There are no expected releases or threats to the environment from operation of this equipment. This unit has been managed and inspected in accordance with approved procedures since its creation.

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

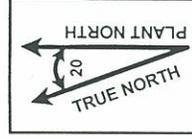
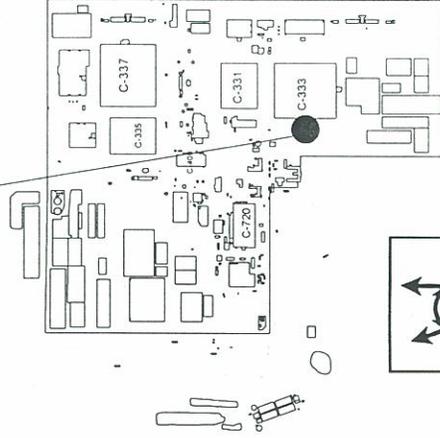


SWMU 476

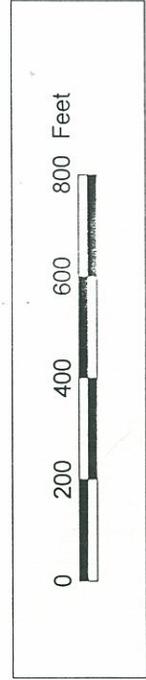


C-333

SWMU 476



Paducah Gaseous Diffusion Plant



Concrete Crusher SWMU 476

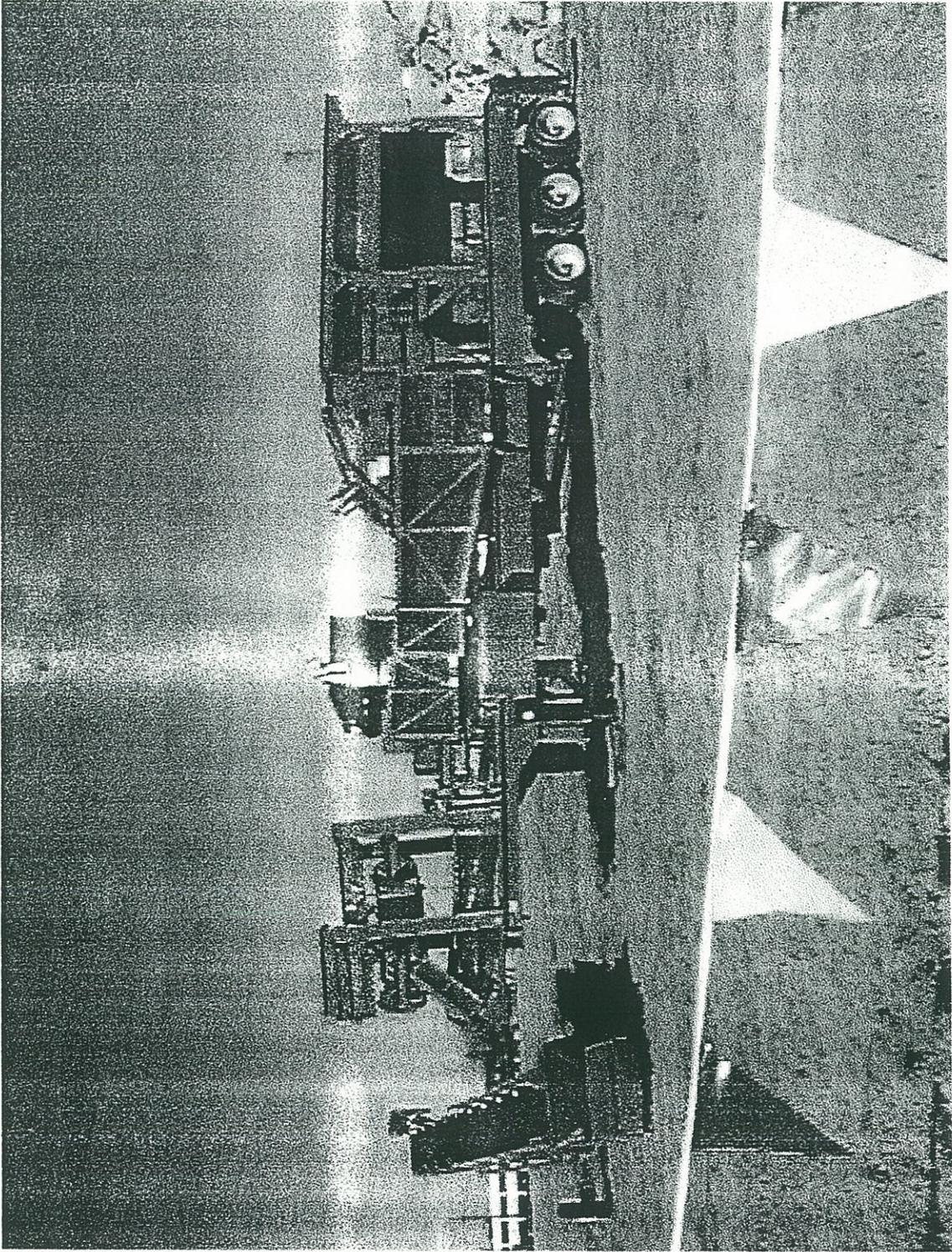
U.S. DEPARTMENT OF ENERGY

DOE OAK RIDGE OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT

BECHTEL BECHTEL JACOBS COMPANY LLC
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC-05-98OR227000
JACOBS BECHTEL JACOBS COMPANY LLC
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FIGURE No. SWMU476apr



SWMU 476, Concrete Crusher

