

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

UNIT NUMBER: 479

UNIT NAME: C-204 Disintegrator Building

DATE: 6/15/01

REGULATORY STATUS: SWMU

LOCATION: The C-204 facility is located inside the “U” of the U-shaped C-200 facility on the west side of the “U” adjacent to the C-200 facility.

APPROXIMATE DIMENSION: 300 sq. ft.

FUNCTION: This unit is a prefabricated metal structure. According to personnel employed by USEC, this facility was used to shred classified documents.

BRIEF HISTORY: According to a USEC employee, this facility was used to shred classified documents. In 2001, the separator and filter unit was removed. USEC is using the building to store some miscellaneous equipment per BJC personnel.

OPERATIONAL STATUS: Inactive

DATES OPERATED: According to a USEC employee, no documentation of operating dates could be found but it was thought that the facility was in operation from the late 1980’s to the early 1990’s.

SITE/PROCESS DESCRIPTION:

According to a USEC employee, the facility housed a large hammermill used to pulverize classified materials. The materials consisted mainly of paper with an occasional audiotape. The by-product of the operation was a fine paper product with a consistency of “blow-in” insulation. The waste was then discarded in normal trash.

WASTE DESCRIPTION:

According to a USEC employee, the waste was pulverized paper and an occasional audiotape.

WASTE QUANTITY:

Currently there is a 5 hp electrical motor and some electrical boxes stored in C-204. The waste is approximately 100 ft³.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA:

Data from locations sampled near C-204 were downloaded from Paducah OREIS. Metals, VOCs, and SVOCs were analyzed and no constituents were detected above background. In April 2000 radiological surveys of this area and material were performed. Results of this survey indicate no radiological contamination is present.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED:

There are no known releases associated with this SWMU per personnel employed by the previous DOE contractor.

GROUNDWATER:

NA

SURFACE WATER:

NA

SOIL:

NA

ECOLOGY AFFECTED (i.e., endangered/threatened species):

None affected

DOCUMENTATION OF NO RELEASE:

No documentation

**IMPACT ON OR BY OTHER
SWMU/AOC:**

The following SWMU's are in the surrounding area: 24, 72, 143, and 158.

PRG COMPARISON:

NA

RFI NECESSARY:

No. This unit does not pose a threat to human health and the environment. There are no releases associated with this unit nor did this facility manage hazardous materials. Radiological surveys indicate the area is not radiologically contaminated.

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



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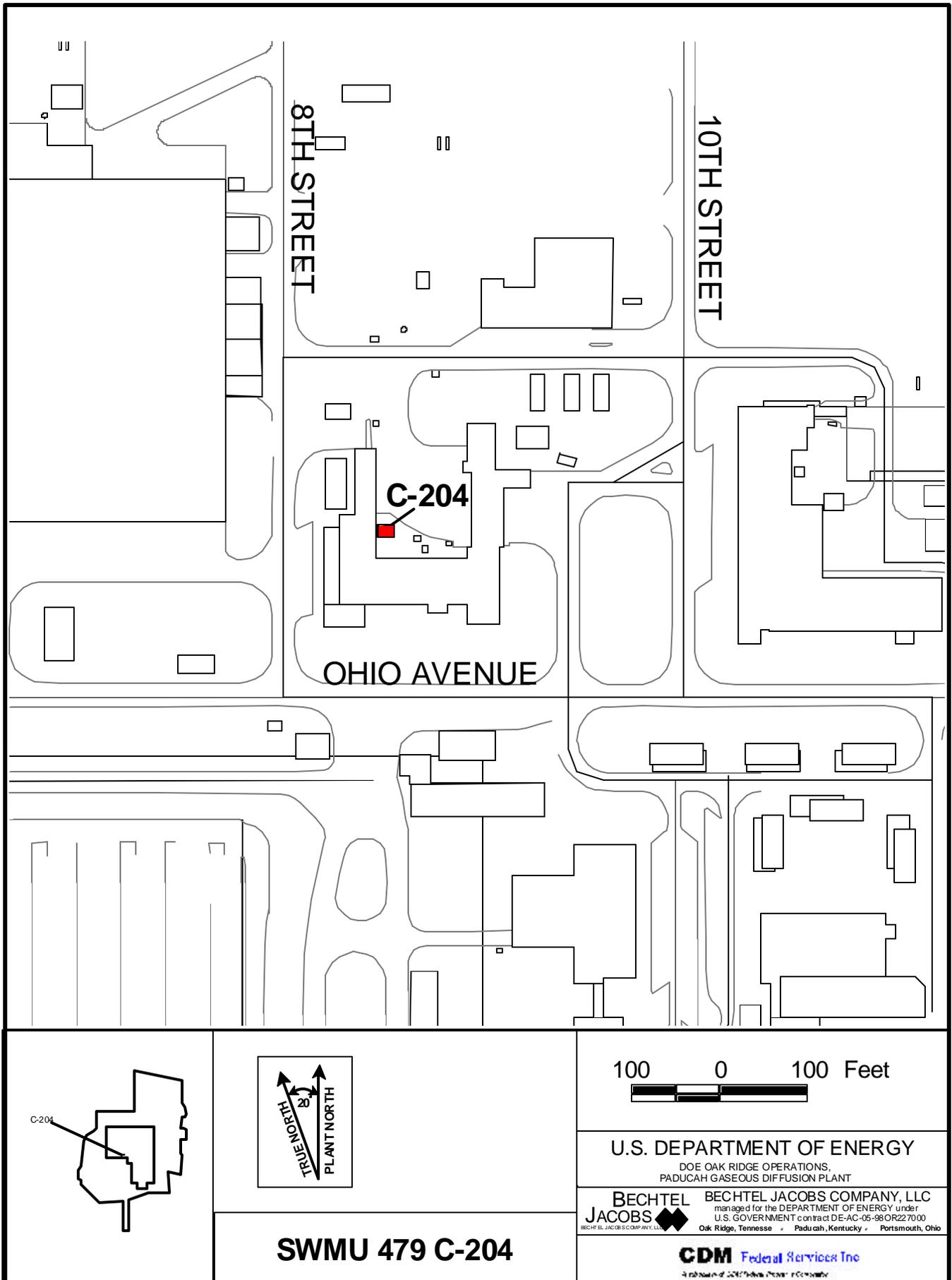


FIGURE No. SWMU 479 C-204
DATE 06/22/01