

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

UNIT NUMBER: 482

UNIT NAME: C-415 Feed Plant Storage Building

DATE: 6/15/01

REGULATORY STATUS: SWMU

LOCATION: C-415 is centrally located in the PGDP boundary North of C-410.

APPROXIMATE DIMENSION: 3,666 sq. ft.

FUNCTION: According to the Paducah Phase II Facility Assessment on C-415 conducted in July 1998, this facility was used as a storage area. It is currently used to store radioactive test sources.

BRIEF HISTORY: According to personnel formerly employed by USEC, this building was used as a storage area for the Feed Plant and to store contaminated equipment from C-400. In 1998, the facility stored radiological contaminated equipment and radioactive test sources. In 2000, the contaminated equipment was moved into storage containers.

OPERATIONAL STATUS: Active as a storage facility for radioactive test sources.

DATES OPERATED: According to a former Union Carbide employee, this site was in operation in 1974 but a start date is unknown. The date of last operation is unknown.

SITE/PROCESS DESCRIPTION: According to the Paducah Phase II Facility Assessment on C-415 conducted in July 1998, the facility was used for the storage of contaminated equipment and radioactive test

sources. The facility is in a radiological area and contains a contamination zone with associated contaminated equipment. An annual health and safety inspection is performed on the facility.

WASTE DESCRIPTION:

According to the Paducah Phase II Facility Assessment on C-415 conducted in July 1998, the facility contained radiologically contaminated equipment and materials. According to BJC personnel this equipment and materials have been removed and are currently stored in Sealand and B-25 boxes. Items removed from this facility include piping, computer monitors, valves, joints, motors, pallets, etc.

WASTE QUANTITY:

Per BJC subcontractor personnel, the contaminated equipment and materials have been removed from the facility and are stored in 9 Sealand containers and 2 B-25 boxes. Small quantities of PPE and other solid wastes are expected to be generated from this facility intermittently.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA:

Data from locations sampled near C-415 were downloaded from Paducah OREIS. Metals, PCBs SVOCs were analyzed in soil samples near C-415. Analytical results did not indicate the presence of hazardous constituents.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED:

According to personnel formerly employed by USEC, there are no known releases associated with the SWMU.

GROUNDWATER:

NA

SURFACE WATER:

NA

SOIL:

NA

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

None affected

DOCUMENTATION OF NO RELEASE: According to personnel formerly employed by USEC, there are no known releases associated with the SWMU.

IMPACT ON OR BY OTHER SWMU/AOC: The following are some of the SWMUs that are in the locale of this facility: 20, 41, 169, and 198.

PRG COMPARISON: NA

RFI NECESSARY: No. Per personnel formerly employed by USEC, there have been no releases associated with this facility. The materials were located inside this facility and did not pose a threat to human health or the environment.

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



SWMU 482 C-415 Plant Storage Building



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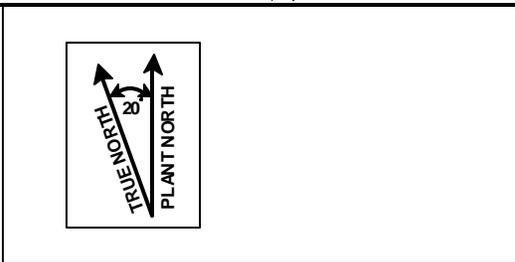
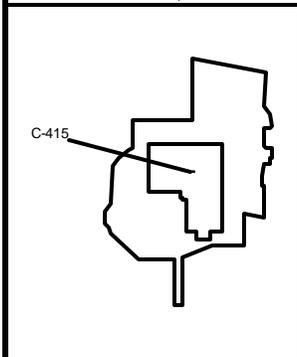
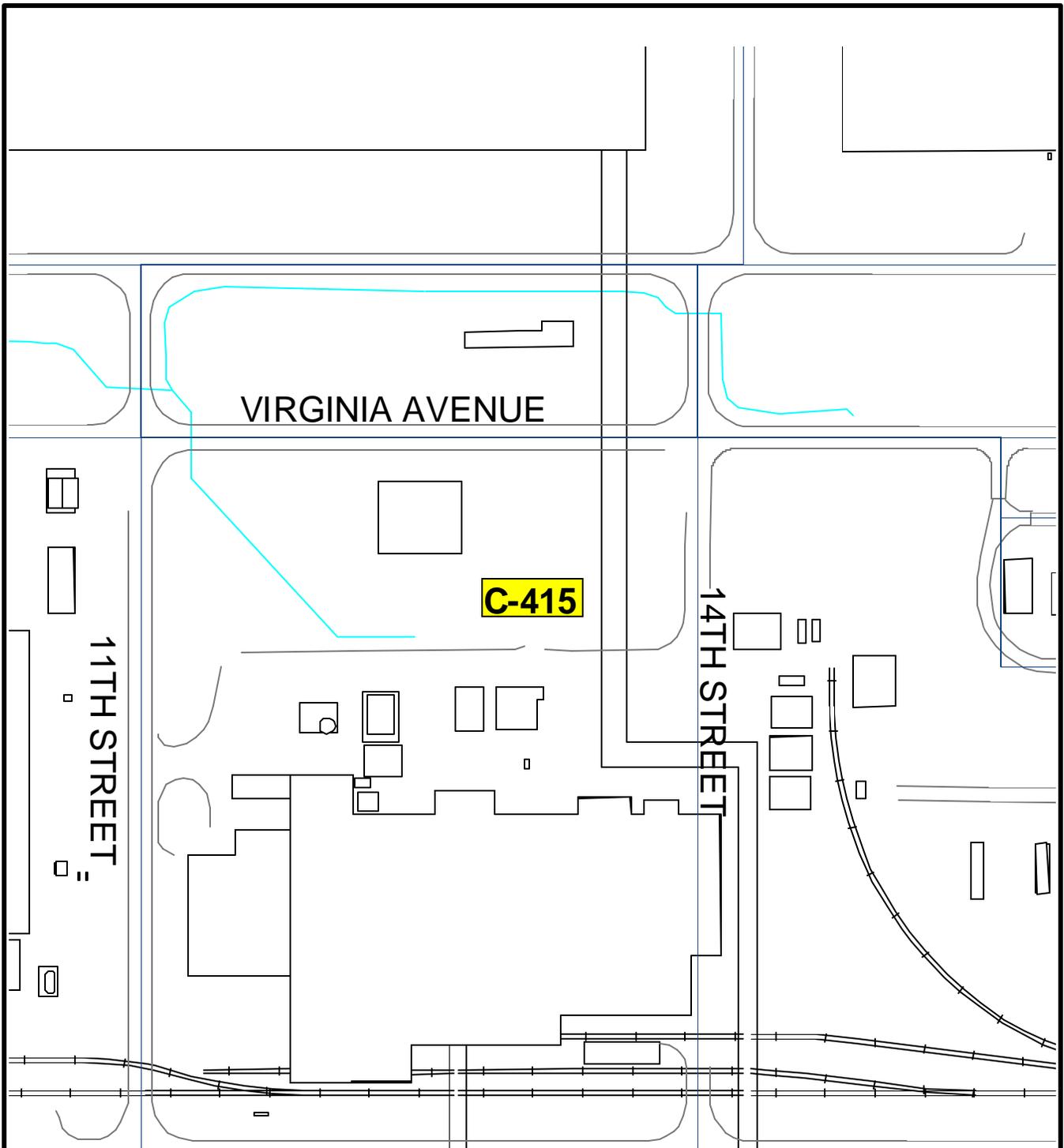
SWMU 482 C-415 Plant Storage Building



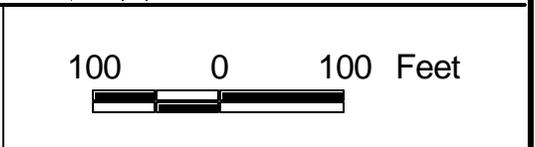
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SWMU 482 C-415



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
BECHTEL JACOBS COMPANY, LLC Oak Ridge, Tennessee Paducah, Kentucky Portsmouth, Ohio

CDM Federal Services Inc
A subsidiary of CDM Federal Services, Inc.

FIGURE No. SWMU 482 C-415
 DATE 06/22/01