

UNIT NUMBER 2

UNIT NAME C-749 Uranium Burial Ground

REGULATORY STATUS 3004(c)

LOCATION North of Virginia Ave., western area of plant site (Map location 2)

APPROXIMATE DIMENSIONS 32,000 ft² (160' x 200'); Depth ~17 ft

CAPACITY _____

FUNCTION Burial ground for uranium and uranium-contaminated wastes

OPERATIONAL STATUS Inactive

DATES OPERATED 1951(?) to 1974

SITE/PROCESS DESCRIPTION: The site consisted of a pit excavated to a depth of 16 to 17 ft. As waste was interred, it was covered with 2 to 3 ft of earth. A 6-in. clay cap was installed in 1982.

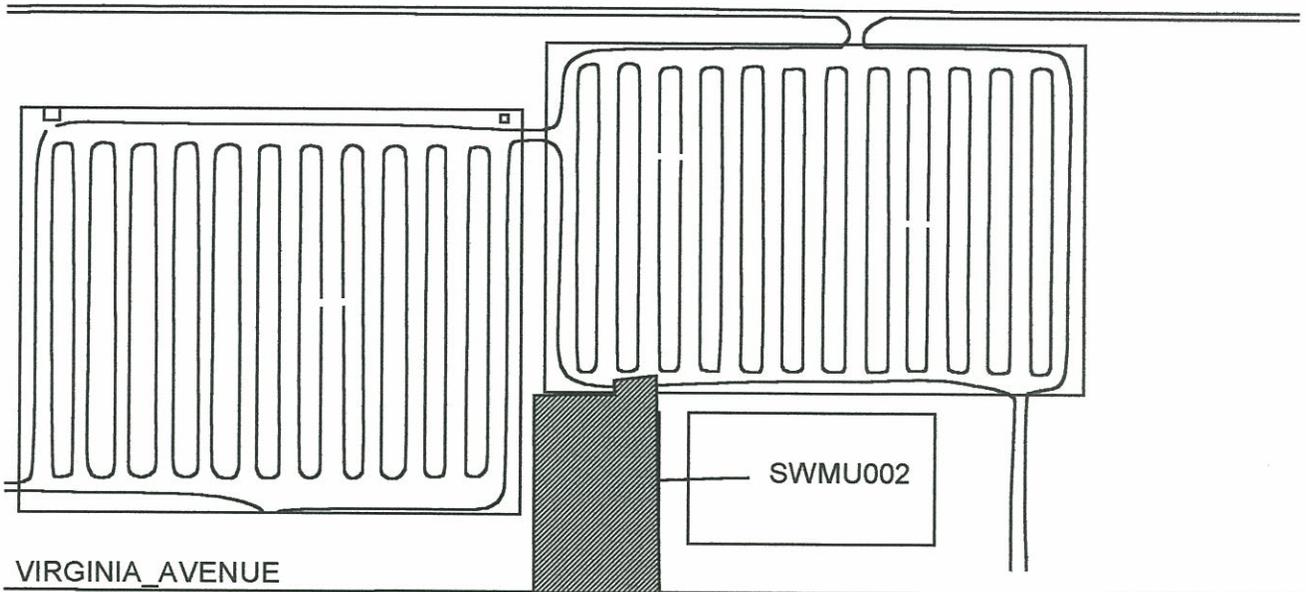
WASTE DESCRIPTION: The majority of the waste consisted of pyrophoric forms of uranium metal (D003). Petroleum-based and synthetic oils were used to stabilize the material; and a quantity of this oil was buried with the waste. Other forms of uranium including oxides of uranium (solid and dissolved in aqueous solutions) and UF₆ were buried in smaller quantities. Approximately 400 to 500 gallons of contaminated trichloroethylene (F001) were also buried.

WASTE QUANTITY: Uranium ~245,000 kg
Oils ~59,000 gal
TCE ~450 gal

DESCRIPTION OF RELEASES: No information available

DOCUMENTATION OF NO RELEASE: No information available

RFI NECESSARY: Yes

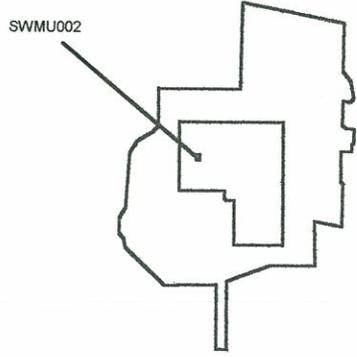
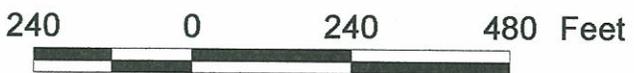
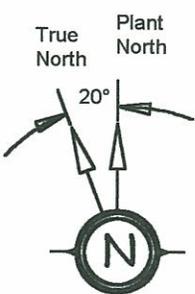
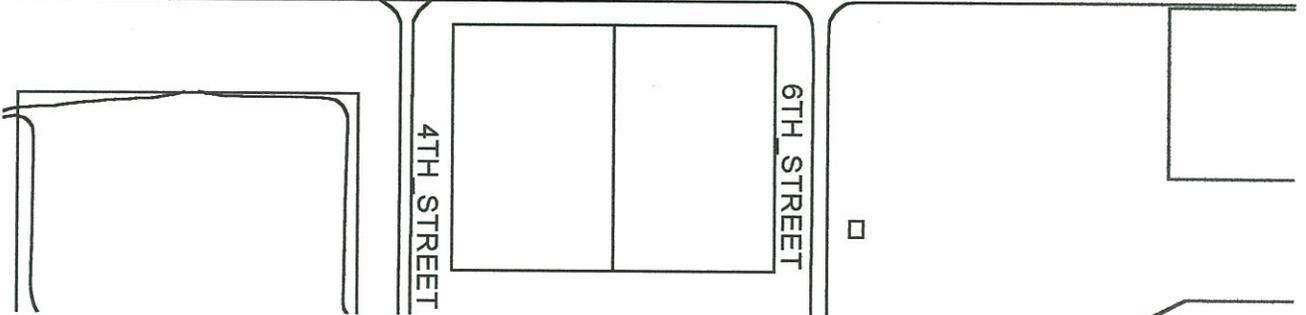


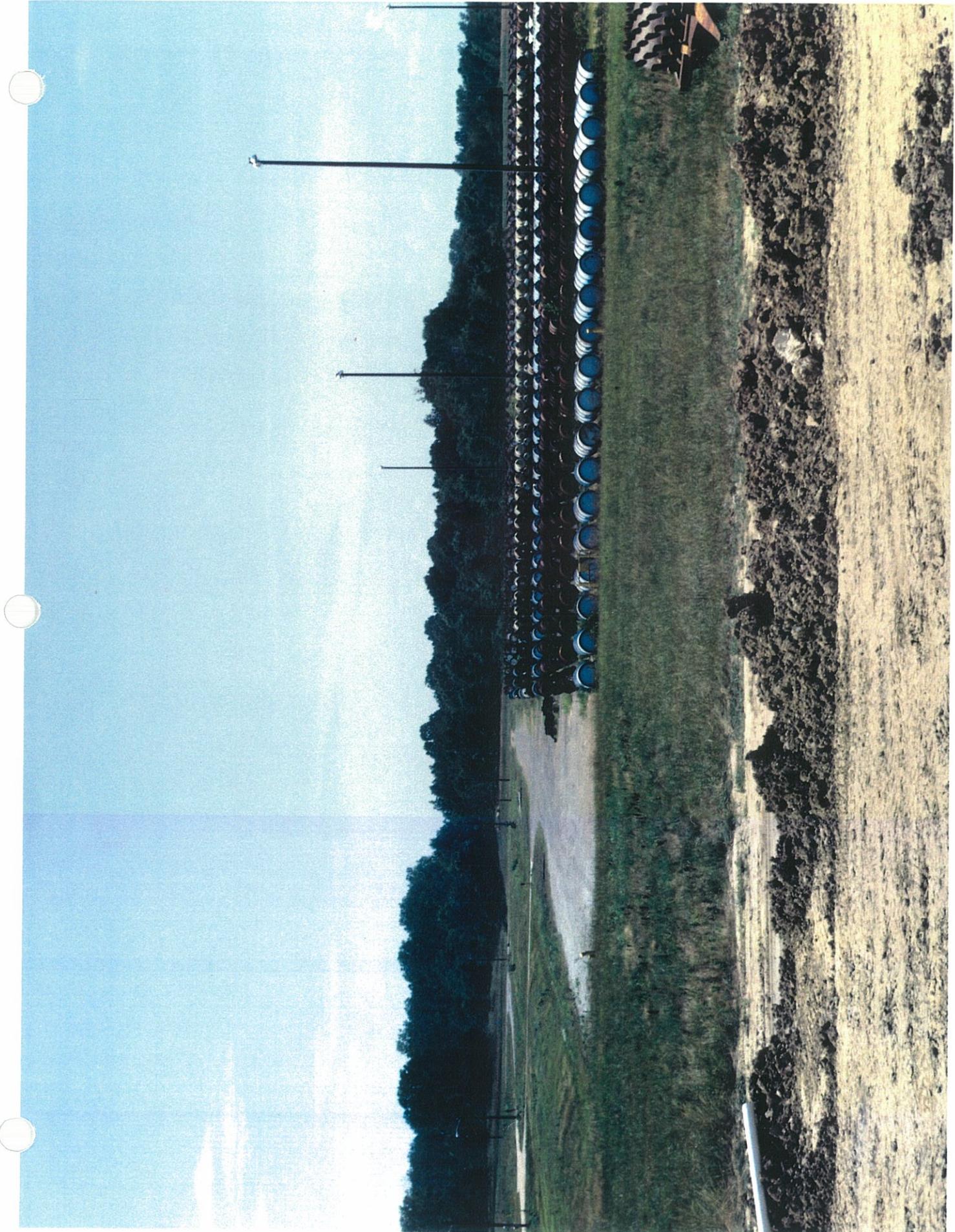
VIRGINIA AVENUE

SWMU002

4TH STREET

6TH STREET





2. C-749 Uranium Burial Ground