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FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM
ELIMINATION REPORT
FOR
THE FORMER GENERAL SERVICES ADMINISTRATION 39TH STREET WAREHOUSE
1716 PERSHING ROAD
CHICAGO, ILLINOIS

SEP 30 1985

Department of Energy
Office of Nuclear Energy
Office of Remedial Action and Waste Technology
Division of Facility and Site Decommissioning Projects

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**ELIMINATION REPORT
FOR THE
FORMER GENERAL SERVICES ADMINISTRATION
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INTRODUCTION

The Department of Energy (DOE), Office of Nuclear Energy, Office of Remedial Action and Waste Technology, Division of Facility and Site Decommissioning Projects (and/or predecessor agencies, offices, and divisions) has reviewed the past activities of the Manhattan Engineer District (MED) and the Atomic Energy Commission (AEC) at the former General Services Administration (GSA) 39th Street Warehouse, Chicago, Illinois, and has completed a preliminary radiological survey of the site. DOE has determined that the conditions at this site are in compliance with current radiological guidelines and standards and that no potential for radiological exposure exists beyond those resulting from natural background. Therefore, this site requires no remedial action and will not be included in the Formerly Utilized Sites Remedial Action Program.

This report presents information supporting the determination that the radiological conditions at the former GSA 39th Street Warehouse are in compliance with current DOE radiological guidelines and standards¹ and provides assurance that use of this facility will not result in any measurable radiological hazard to site occupants or the general public.

¹U.S. Department of Energy Guidelines for Residual Radioactivity at Formerly Utilized Sites Remedial Action Program and Remote Surplus Facilities Management Program Sites (Rev. 1, July 1985).

This elimination report will be archived by DOE through the Assistant Secretary for Management and Administration. A copy of this package will be available for public review between 8:00 a.m. and 4:00 p.m., Monday through Friday (except Federal holidays), at the DOE Public Document Room located in Room 1E-190 of the Forrestal Building, 1000 Independence Avenue, SW., Washington, D.C.

BACKGROUND

Site Function

The GSA 39th Street Warehouse was occupied by Argonne National Laboratory or its predecessor, the Metallurgical Laboratory, until approximately 1949. Activities at the building, conducted under MED and AEC, included the storage of radioactive materials.

Site Description

The building is located at 1716 West Pershing Road and included a warehouse and office area. The location is shown on a map of south central Chicago in Figure 1. The property is now privately owned and used for storage.

Radiological History and Status

A radiological survey of this property, including soil surface, sheds, and loading platforms in the rear yard was completed on July 7, 1949. Contamination was found in the building, the yard, and on equipment remaining in the building. Contaminated items, including animal cages stored in the yard were subsequently removed. After decontamination, the building and grounds were determined to be acceptable for unrestricted use.

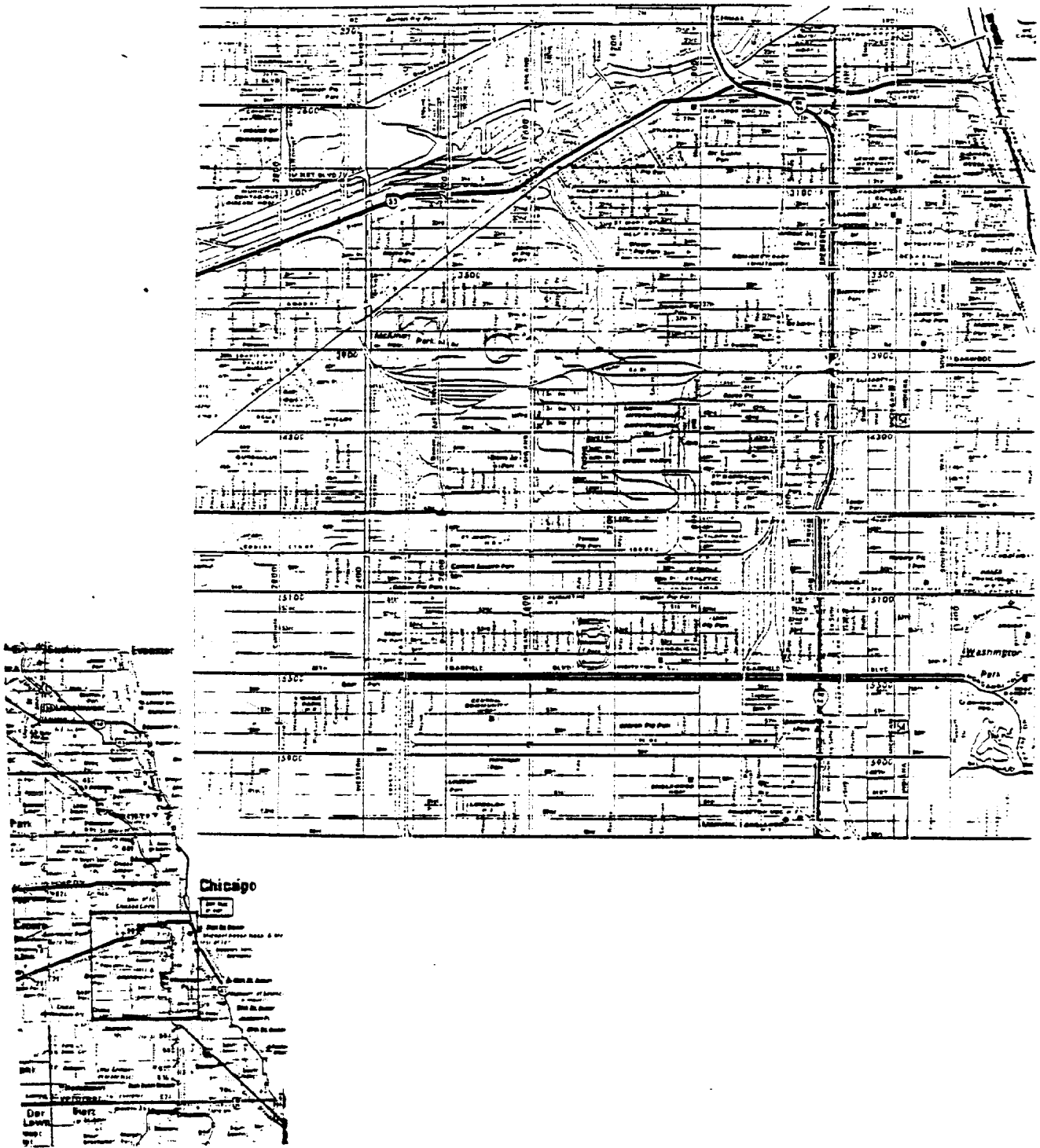


Figure 1. Former GSA 39th Street Warehouse Location

Because no records were found describing the decontamination of the building, Argonne National Laboratory resurveyed the site in July 1977. No radioactivity above natural background was found either in the building or in soil samples.

ELIMINATION ANALYSIS

Survey measurements indicate radiation levels typical of natural background for the area. Therefore, no significant quantity of MED/AEC-related material remains at this site. Based on the information summarized in this report, DOE's Division of Facility and Site Decommissioning Projects has determined that no remedial action is necessary at this site and has eliminated the former GSA 39th Street Warehouse from further consideration under the Formerly Utilized Sites Remedial Action Program.

REFERENCES

- o Payne, G.O., and J.H. Pingel (Argonne National Laboratory), to J.E. Rose and L.D. Marinelli (Argonne National Laboratory), "Final Survey of 39th Street Warehouse," July 19, 1949.
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- o "Formerly Utilized MED/AEC Sites Remedial Action Program, Radiological Survey of the 39th Street Warehouse, 1716 West Pershing Road, Chicago, Illinois, Final Report," (DOE/EV-0005/9) January 1979.