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FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM

ELIMINATION REPORT  
FOR  
UNIVERSITY OF ARIZONA  
(U.S. BUREAU OF MINES)  
TUCSON, ARIZONA

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

## CONTENTS

	<u>Page</u>
INTRODUCTION	1
BACKGROUND	2
Site Function	2
Site Description	2
Radiological History and Status	2
ELIMINATION ANALYSIS	4
REFERENCES	4

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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 offices and divisions) has reviewed the past activities of the Atomic Energy Commission (AEC) at the University of Arizona, Tucson, Arizona. Based on a screening radiological survey of the site, DOE has determined that the conditions at this site are in compliance with current DOE 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 University of Arizona are in compliance with current DOE radiological guidelines and standards<sup>1</sup> and provides assurance that use of the site will not result in any measurable radiological hazard to site occupants or the general public.

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

<sup>1</sup>U.S. Department of Energy Guidelines for Residual Radioactivity at Formerly Utilized Sites Remedial Action Program and Remote Surplus Facilities Management Program Sites (February 1985).

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, S.W., Washington, D.C.

## BACKGROUND

### Site Function

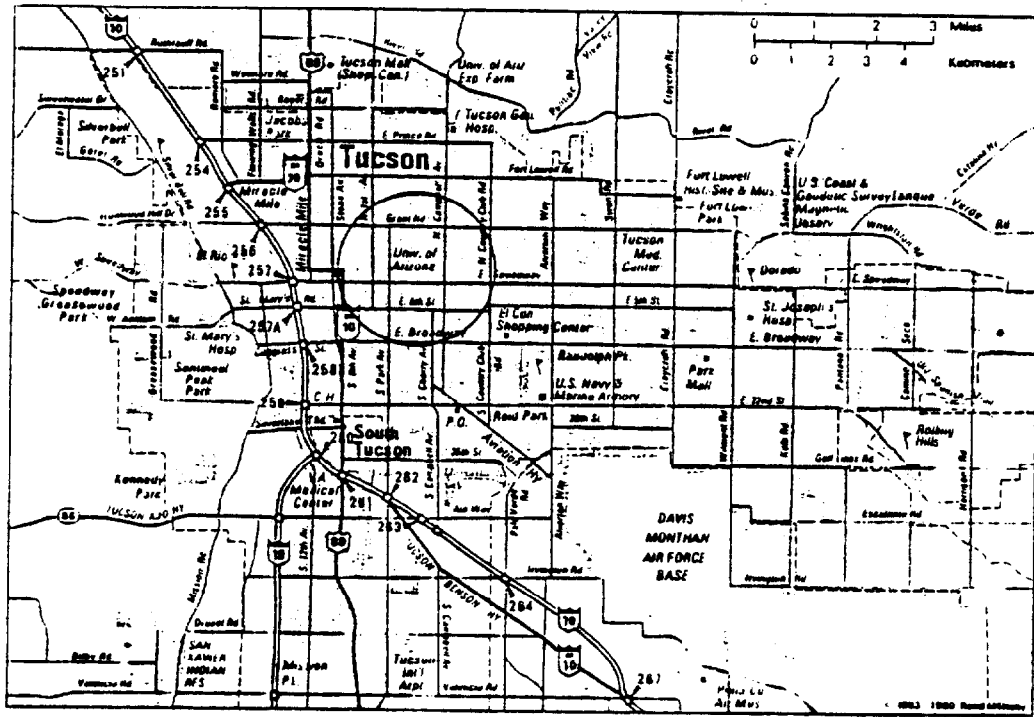
The U.S. Bureau of Mines conducted research and development work on the processing of uranium ores at this site under contract to the Atomic Energy Commission (AEC). The work was conducted from about 1946 to 1950. The facilities used for the AEC research are now used for research in various geologic and engineering disciplines. No radioactive materials are involved.

### Site Description

The property is owned by the University of Arizona. Facilities involved in this work consisted of a warehouse and ore storage building, located at Chauncey Street and Vine Avenue, and floor space on the ground floor, southwest corner of the Engineering Building, on the University of Arizona campus. The Chauncey Street Storage building has been razed, and the Engineering Building now houses offices and classrooms. The attached figure shows the location of the University of Tucson.

### Radiological History and Status

Representatives of the Department of Energy (DOE) Chicago Operations Office and Argonne National Laboratory conducted a screening survey of the site on January 17, 1978. The survey revealed no radioactivity levels above background. The site was cleared for unrestricted use on February 7, 1978.



University of Arizona Site

## ELIMINATION ANALYSIS

Based on a review of historical records and radiological survey results which found that no radiation above background exists, DOE's Division of Facility and Site Decommissioning Projects has determined that no remedial action is necessary at this site and has eliminated the University of Arizona (U.S. Bureau of Mines), Tucson, Arizona, from further consideration under the Formerly Utilized Sites Remedial Action Program.

## REFERENCES

- R.H. Bauer (DOE Chicago Operations Office) to J.L. Liverman (DOE Headquarters), "University of Arizona," February 7, 1978.