

PRATT & WHITNEY PLANT
DMF Wastewater Treatment Unit
(Other Structures and Facilities)
1500-2000 East Bannister Road
Kansas City
Jackson County
Missouri

HAER No. MO-118-AS

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
Midwest Regional Office
National Park Service
601 Riverfront Drive
Omaha, Nebraska 68102

HISTORIC AMERICAN ENGINEERING RECORD

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(Other Structures and Facilities)

HAER No. MO-118-AS

Location: 1500–2000 East Bannister Road Kansas City, Jackson County, Missouri

Present Owner: U. S. Department of Energy, National Nuclear Security Administration

Present Use: This structure is no longer in use.

Significance: Originally constructed for the Allied Corporation for use as a dimethylformamide wastewater treatment unit. Due to the diversified requirements of subsequent corporations, the original Pratt & Whitney Plant was modified and added to, meeting the needs of ongoing technological advances while retaining the structural elements that made this complex a landmark of American industrial design.

Report prepared by: Cydney Millstein, principal, architectural historian
Architectural & Historical Research, L.L.C., Kansas City, Missouri

Mary Ann Warfield, cultural historian, Kansas City, Missouri

Date: April 9, 2012

PART I. HISTORICAL INFORMATION

A. Physical History

- | | |
|--------------------------------|---------|
| 1. Date of Construction | 1985 |
| 2. Architect/Engineer | Unknown |
| 3. Builder/Contractor/Supplier | Unknown |
| 4. Original Plans | Unknown |
| 5. Alterations and Additions | No |

B. Historical Context

The DMF Wastewater Treatment Unit originally consisted of two horizontal tanks, approximately 3,000 gallons each, located outside of Building 15 to assist Building 15 processes. The open-topped tanks were used to biologically treat dilute process wastewater containing low concentrations of dimethylformamide (DMF) and acetone, common solvents. Once DMF concentrations were lowered to acceptable levels per the City of Kansas City Sewer Use Ordinance, the wastewater was then discharged to the sanitary sewer system.

PART II. ARCHITECTURAL INFORMATION

A. General Statement

The DMF Wastewater Treatment Unit originally consisted of two horizontal tanks, approximately 3,000 gallons each. The remaining tank is constructed of steel and rests on a concrete slab.

B. Description of Exterior

- | | |
|-----------------------------|------|
| 1. Architectural Character: | N/A |
| 2. Condition of Fabric: | Good |

C. Description of Interior

	N/A
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B. Site

The Wastewater Treatment Unit is sited between Buildings No. 15 and 98.

PART III. BIBLIOGRAPHY

Primary Sources:

NNSA Archives. Bannister Federal Complex, 1500-2000 East Bannister Road, Kansas City, Missouri.