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Department of Energy

Field Office, Oak Ridge
P.O. Box 2001
Oak Ridge, Tennessee 37831— 8723

May 10, 1993

Mr. Michael Weichman
Chief, Review and Compliance, Historic Preservation Program
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102

Attention: Mr. Michael Weichman

Subject: Contract DE-AC05-91OR21950
MISSOURI - FEASIBILITY STUDY-ENVIRONMENTAL IMPACT
STATEMENT FOR THE ST. LOUIS SITE, MAY, 1993

Dear Mr. Weichman:

Enclosed are The Questionnaire to Determine Need for Cultural Resource Assessment and the Missouri Office of Historic Preservation, Architectural/Historic Inventory Survey for the St. Louis FUSRAP Site. Thank you for your assistance with this effort. If you have any questions concerning this matter, please feel free to contact me at (615) 576-9634.

The information regarding cultural and historical resources is being provided in accordance with the National Historic Preservation Act.

Sincerely,

A handwritten signature in black ink, appearing to read "David G. Adler", is written over the typed name.

David G. Adler, Missouri Site Manager
Former Sites Restoration Division

Enclosure

QUESTIONNAIRE TO DETERMINE NEED FOR CULTURAL RESOURCE ASSESSMENT

104017

Form: HPP-CRS/100
3-19-81

Forwarding of this completed form to the Missouri Department of Natural Resources' Historic Preservation Program constitutes a request to review a proposed project/activity to determine if a cultural resource assessment will be required in accordance with the National Historic Preservation Act, 36 CFR Part 800, and other relative federal legislation. THIS ASSESSMENT, INDEPENDENT OF THE A-95 REVIEW PROCESS, IS REQUIRED FOR ALL CONSTRUCTION PROJECTS THAT WILL BE FUNDED, ASSISTED, OR LICENSED BY A FEDERAL AGENCY AND IT MUST BE COMPLETED PRIOR TO INITIATING ANY PROJECT.

I. Applicant Department of Energy County of Project St. Louis
 Applicant's address Oak Ridge Operations City Oak Ridge, TN Zip 37831-8723
P.O. Box 2001
 Contact person Mr. David G. Adler Telephone (615) 576-9634
 Contact person's address, if different from applicant's, Street/P.O. Box _____

_____ City _____ Zip _____

If applicant is not a federal agency, to which federal agency is applicant applying:

NA

Federal program Formerly Utilized Sites Remedial Action Program

Circle type of assistance sought: Grant _____ Loan _____ Other - review _____

Signature of applicant or contact person requesting this assessment J. Dargatzis for D. Adler

Date 5-10-93

II. 1. Briefly describe this project. The St. Louis site is comprised of two areas in and near St. Louis, Missouri: the Downtown Area and the Airport Area (see Figures 1 and 2). The Downtown Area includes the St. Louis Downtown Site (SLDS), City of St. Louis property, and SLDS vicinity properties (Figures 1 and 3). The Airport Area includes the St. Louis Airport Site (SLAPS), SLAPS vicinity properties, and the Latty Avenue

If more than one project/activity is involved, complete separate assessment for each project/activity.

2. Has the identical project been previously submitted for cultural resource assessment? YES _____ NO X
 (If YES, enclose copy of State Historic Preservation Program's comments and disregard remaining questions.)

3. Project location

a. Attach a USGS 7.5 min. topographic map (15 min. if 7.5 min. not available) and project map indicating the precise location of the project and total acreage involved. THIS MUST BE PROVIDED. If more than one project/activity is involved, provide one map for each project/activity.

b. Approximately how many acres are in the project area? 67 acres

c. Give legal description of project area (Township, Range, Section, 1/4 Section, etc.)
Airport Area: Township 46 north, Range 6 east and township 47 north, Range 6 east

If inside city limits, give address Downtown Area: Mallinckrodt, Inc./St. Louis Plant, North Second Avenue and Mallinckrodt St., St. Louis, Missouri

4. To your knowledge, has a cultural resources survey been conducted in the project area? YES X NO _____
 If YES, attach survey report or reference. - see attached research report #37, September, 1985 cover page

5. To your knowledge, will the project involve building(s) or structure(s) listed on the National Register of Historic Places or included in a National Register District? If YES, provide property or district name(s) and address(es). YES _____ NO X

For Mo. HPP use: SN _____ PD _____ NE _____ PE _____ LP _____ HP _____

6. To your knowledge, will the project involve building(s) or structure(s) listed on a local historic register or included in a local historic district? If YES, provide property or district name(s) and address(es). YES___ NO X

- III. 7. a. Will the project involve an addition to, destruction of, alteration of, or renovation of any structure? If NO, proceed to item 8. YES X NO___
X
b. Was the affected structure built before World War II? If NO, proceed to item 8. If YES, complete Missouri Historic Preservation Program Architectural/Historic Inventory Survey Form(s) (available from State Historic Preservation Program) and return with this form. Alteration of buildings KIE and 25 YES___ NO___
c. Who owns the structure? Mallinckrodt Specialty Chemicals Co.
d. What was the approximate date of construction? Building KIE: 1903, Building 25: 1935
e. Attach photographs of front and rear elevations; another photograph should indicate the location of any proposed addition/alteration.
f. Have plans and specifications for the renovation, alteration, or addition been completed? YES___ NO X
If YES, attach plans (plans for a new structure to replace a demolished one should not be attached.)
8. a. Will construction take place adjacent to any structure that is approximately fifty years old or older? If NO, proceed to item 9. YES___ NO X
b. Give approximate construction date of structure(s) _____
c. Attach photographs of structure(s) and indicate its location in relation to the project on the project map.

9. Has the ground at the project location been previously cultivated or farmed? If YES, briefly describe type and indicate on project map. Seeding at SLAPS and Ballpark areas YES X NO___
10. Has the ground at the project location been previously developed, graded, or disturbed (for other than agricultural purposes)? If YES, describe disturbed/developed portion (graded, etc.) and indicate on project map. All areas designated on Figures 3 and 4 have had the ground disturbed. YES___ NO___

11. a. Will this project necessitate the acquisition of fill material? If NO, proceed to item 12. YES X NO___
b. Approximately how many cubic yards of material will be acquired? 1,000,000
c. Has the site from which material will be acquired been selected? If NO, proceed to item 12. YES___ NO X
d. Indicate borrow area(s) on project map and GIVE APPROXIMATE ACREAGE of each borrow site. _____

12. If necessary, elaborate on the above questions and/or include any additional information that you think would be helpful in the review of this project. Use additional sheets if necessary.

II. (1) Briefly describe this project. (continued)

properties, including the Hazelwood Interim Storage Site (HISS), Futura Coatings, Inc. (Futura), and six vicinity properties (Figures 1 and 4). Portions of the St. Louis site have been placed on the National Priorities List (NPL) by the EPA. All three of the St. Louis site NPL locations are at the Airport Area. Figure 1 designates these three NPL sites by the use of shading. The St. Louis site properties are contaminated with low levels of radioactive materials as a result of uranium processing and associated waste.

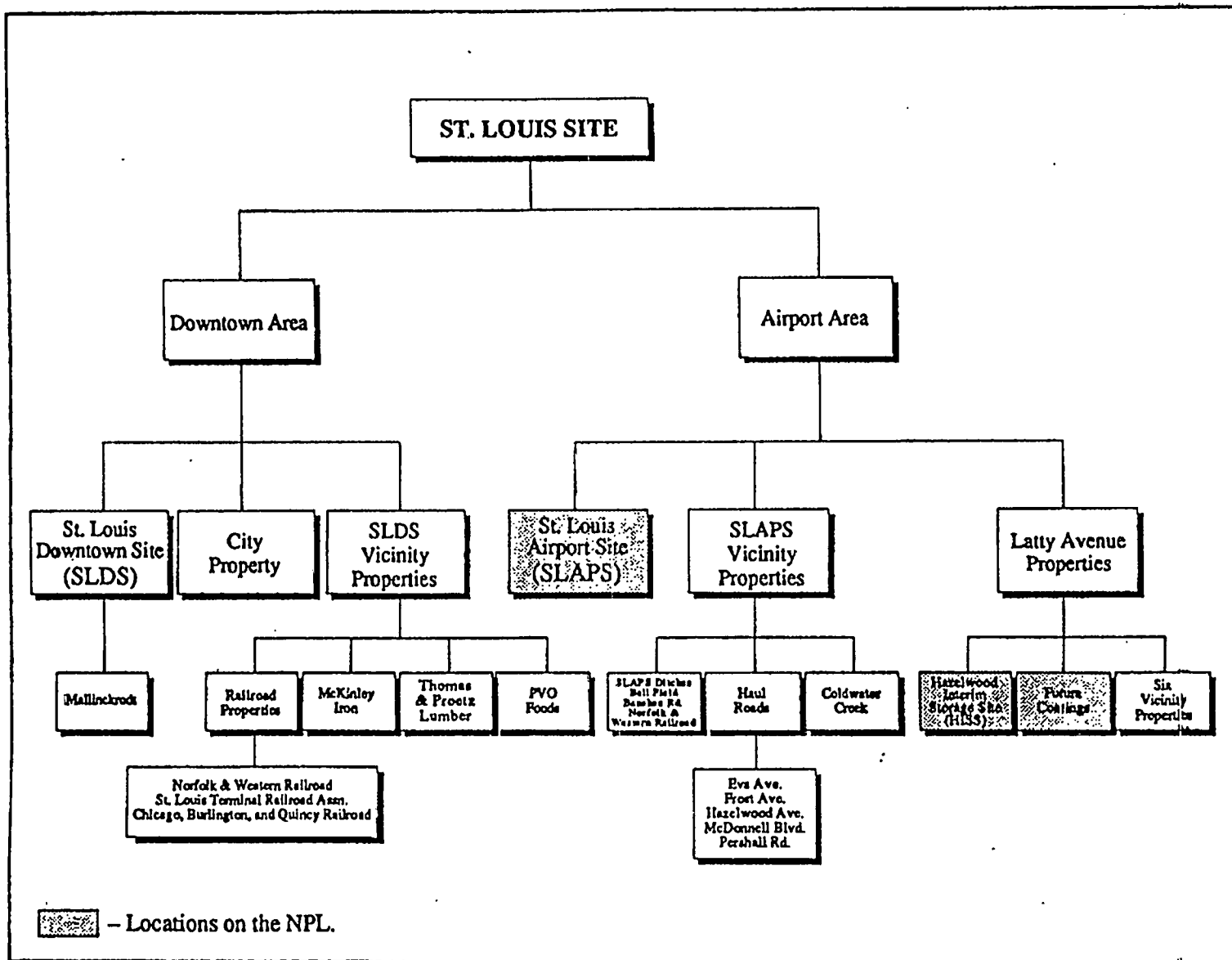


Figure 1. Schematic Representation of the St. Louis Site

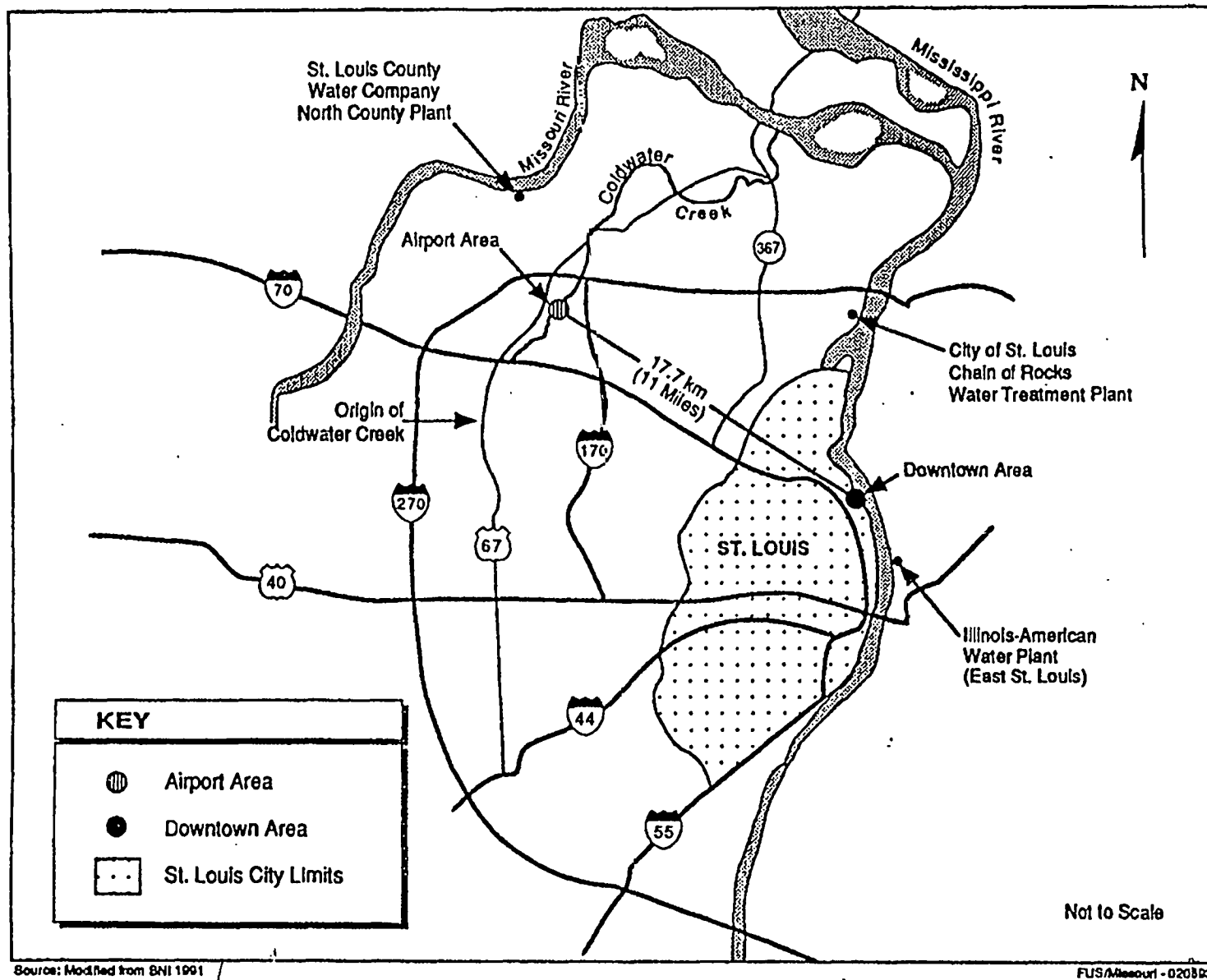


Figure 2. Locations of FUSRAP Properties in the St. Louis, Missouri Area

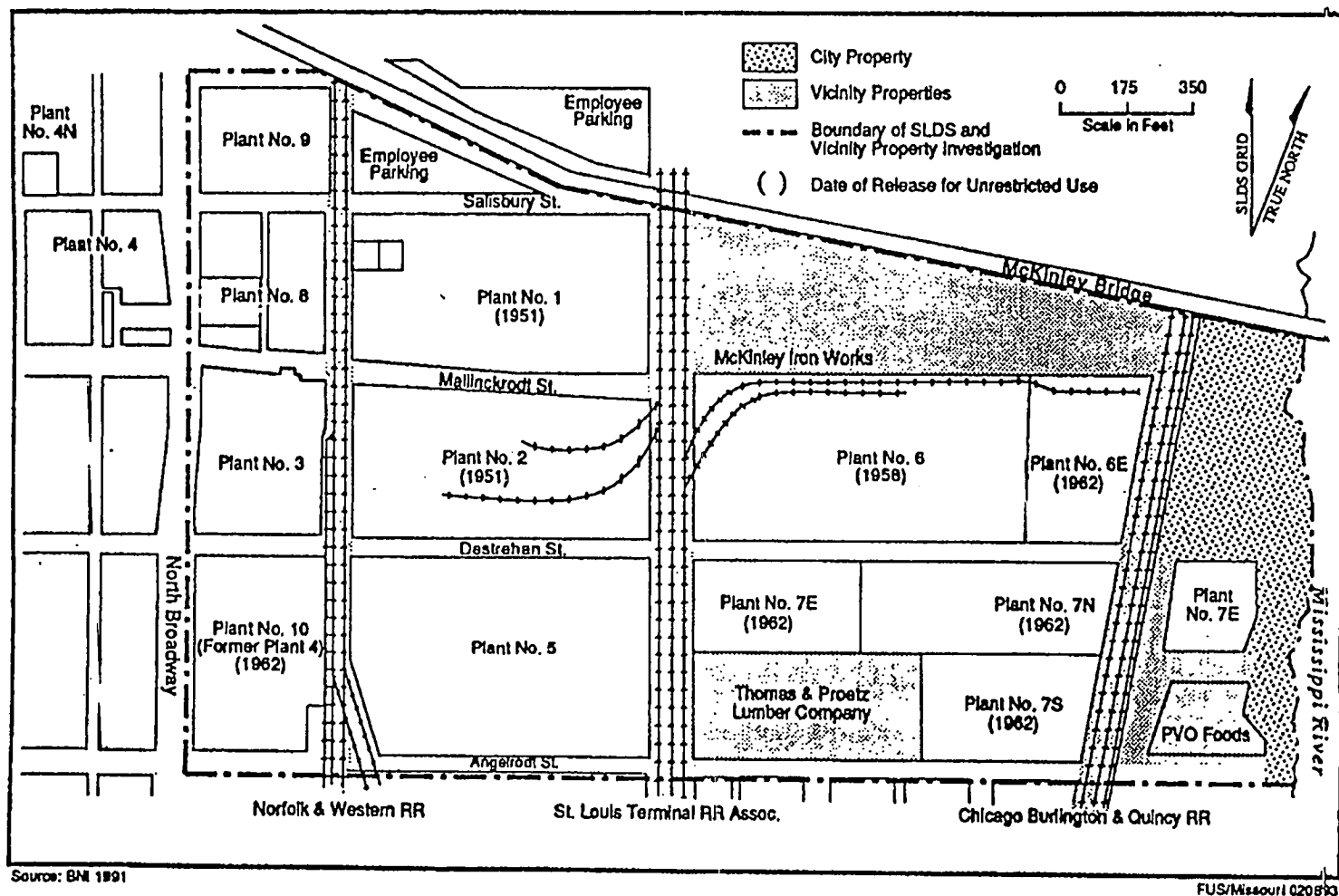


Figure 3. Plan View of the Downtown Area

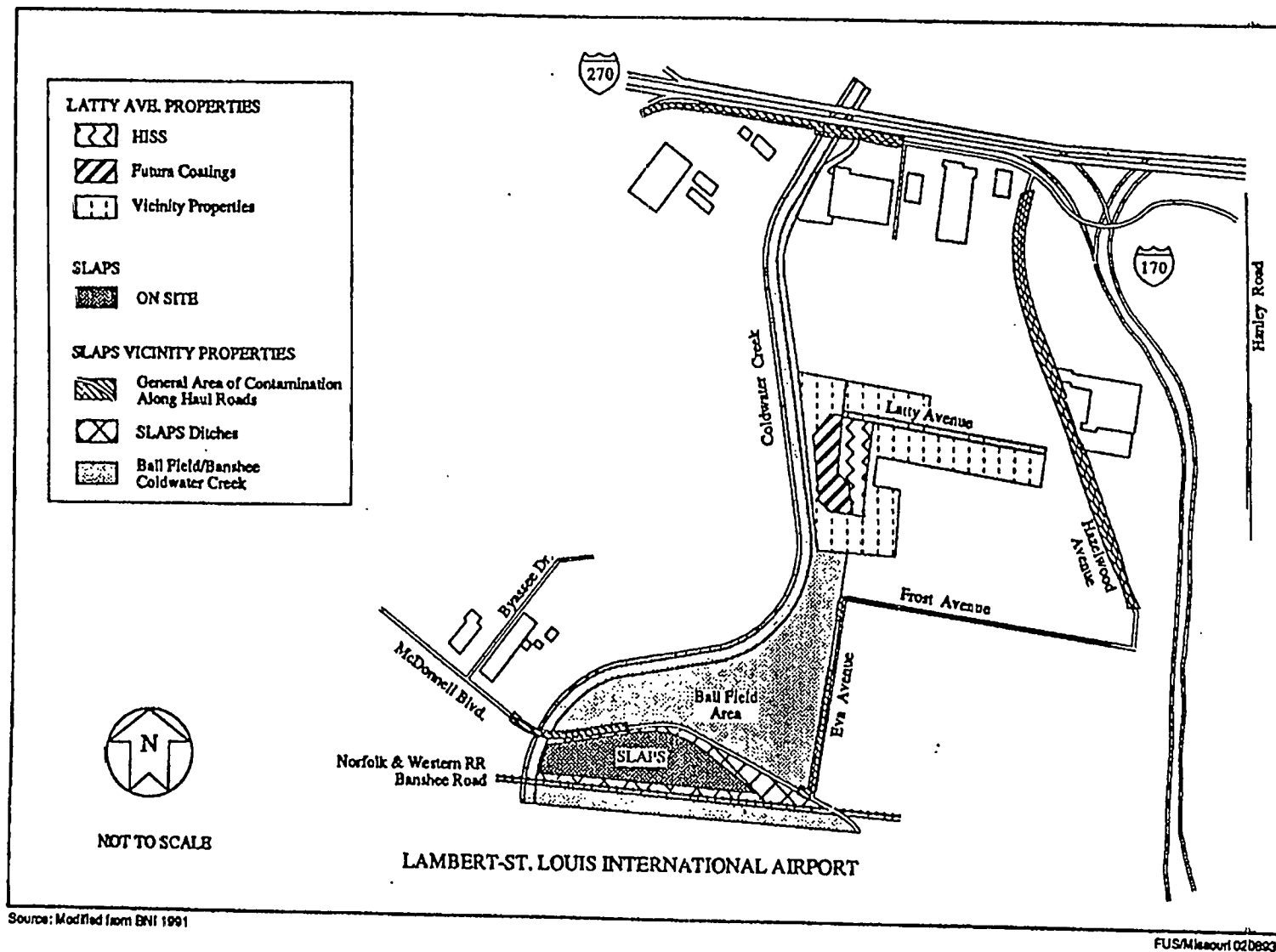


Figure 4. Locations of SLAPS, Latty Avenue Properties, and Vicinity Properties

Report of
RECONNAISSANCE LEVEL CULTURAL RESOURCE SURVEY
OF PREHISTORIC AND HISTORIC ARCHAEOLOGICAL RESOURCES ALONG
ACCESSIBLE PORTIONS OF THE COLDWATER CREEK DRAINAGE,
NORTH ST. LOUIS COUNTY, MISSOURI

Prepared with
Grant-in-Aid Funding from
DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE,

Administered by
DEPARTMENT OF NATURAL RESOURCES,
DIVISION OF PARKS AND HISTORIC PRESERVATION,
Project #29-84-8311

Prepared by
ARCHAEOLOGICAL SURVEY,
University of Missouri, St. Louis

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MISSOURI OFFICE OF HISTORIC PRESERVATION 4017

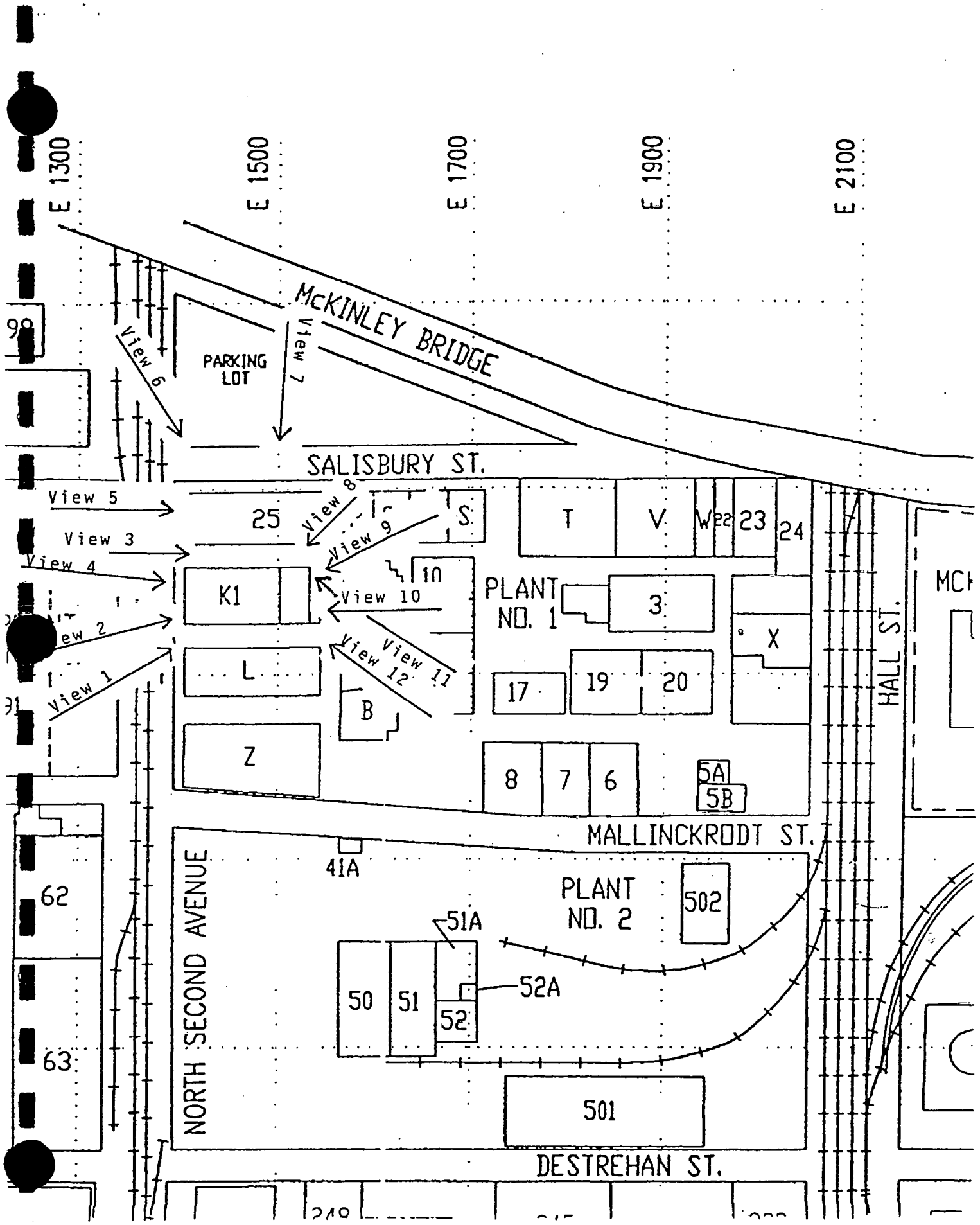
ARCHITECTURAL/HISTORIC INVENTORY SURVEY FORM

1. COUNTY		4. PRESENT LOCAL NAME(S) OR DESIGNATION(S) Mallinckrodt Buildings 25 and KIE		1. NO
2. LOCATION OF NEGATIVES		5. OTHER NAME(S)		
3. SPECIFIC LEGAL LOCATION TOWNSHIP _____ RANGE _____ SECTION _____ IF CITY OR TOWN, STREET ADDRESS See Item 8 City or Town IF RURAL, VICINITY St. Louis		16. THEMATIC CATEGORY	28. NO. OF STORIES	2. COUNTY
DESCRIPTION OF LOCATION Downtown St. Louis		17. DATE(S) OR PERIOD Bldg. KIE: 1903, Bldg. 25: 1935	29. BASEMENT? YES () NO ()	
Address per Item 6. Mallinckrodt, Inc./St. Louis Plant, North Second Ave. and Mallinckrodt St., St. Louis, MO		18. STYLE OR DESIGN Industrial	30. FOUNDATION MATERIAL	4. PRESENT LOCAL NAME(S) OR DESIGNATION(S)
COORDINATES UTM LAT _____ LONG _____		19. ARCHITECT OR ENGINEER	31. WALL CONSTRUCTION Brick	
11. NATIONAL HISTORIC SITE? YES () NO (X)		20. CONTRACTOR OR BUILDER	32. ROOF TYPE AND MATERIAL	7. OTHER NAME(S)
12. IS IT ELIGIBLE? YES () NO (X)		21. ORIGINAL USE, IF APPARENT Industrial/Chemical	33. NO. OF BAYS FRONT SIDE	
13. DISTRICT POTENTIAL? YES () NO (X)		22. PRESENT USE Industrial/Chemical	34. WALL TREATMENT	6. TOWNSHIP
14. DISTRICT POTENTIAL? YES () NO (X)		23. OWNERSHIP PUBLIC () PRIVATE (X)	35. PLAN SHAPE	
15. NAME OF ESTABLISHED DISTRICT		24. OWNER'S NAME AND ADDRESS IF KNOWN	36. CHANGES IN NO. -2- ADDITION () ALTERED () MOVED ()	8. SECTION
16. FURTHER DESCRIPTION OF IMPORTANT FEATURES Buildings were constructed and have been used and modified for industrial and chemical processing purposes.		25. OPEN TO PUBLIC? YES () NO (X)	37. CONDITION INTERIOR Fair EXTERIOR Fair	
17. HISTORY AND SIGNIFICANCE		26. LOCAL CONTACT PERSON OR ORGANIZATION Mr. R. Boland	38. PRESERVATION UNDERWAY? YES () NO (X)	9. TOWNSHIP
18. DESCRIPTION OF ENVIRONMENT AND OUTBUILDINGS Chemical Plant complex		27. OTHER SURVEYS IN WHICH INCLUDED	39. ENDANGERED BY WHAT? YES () NO (X)	
19. SOURCES OF INFORMATION See attached History and Background report Aug. 19, 1977 R. Boland, Env. Prog. Mgr., Mallinckrodt, Inc.		28. PREPARED BY T. Gangwer	40. DISTANCE FROM AND FRONTAGE ON ROAD See Attached Figure	10. TOWNSHIP
20. RETURN THIS FORM WHEN COMPLETED TO: OFFICE OF HISTORIC PRESERVATION P.O. BOX 178 JEFFERSON CITY, MISSOURI 65102		41. ORGANIZATION SAIC	42. DATE OF REVISION DATE 5/10/00	

PHOTOGRAPHS OF BUILDINGS

KIE and K-25

The attached twelve (12) photographs were taken from the various viewpoints as indicated on the blow-up of the Mallenckrodt Plant Site.



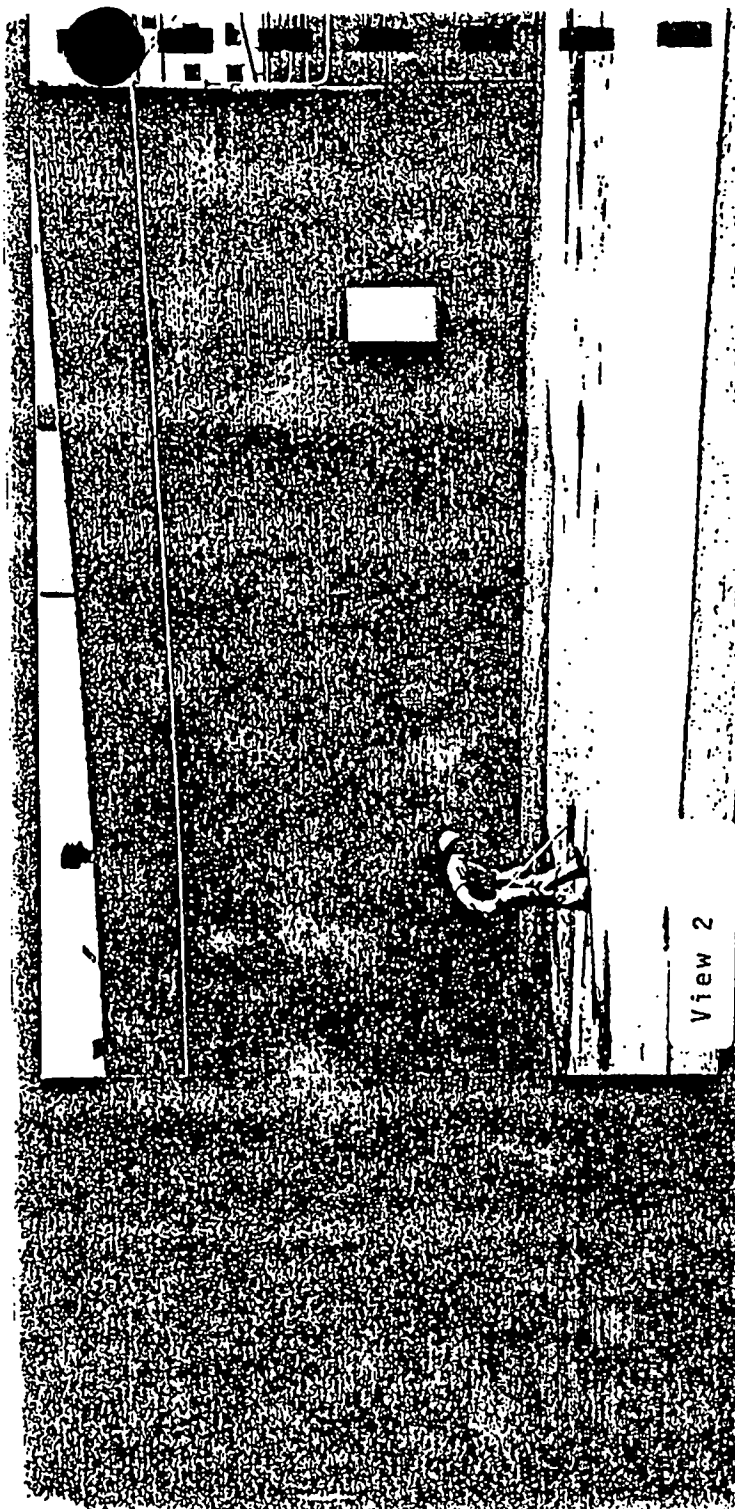
History & Background Relative to the Radiological
Re-monitoring of Mallinckrodt by the
Energy Research & Development Administration

Prepared for Mallinckrodt, Inc.

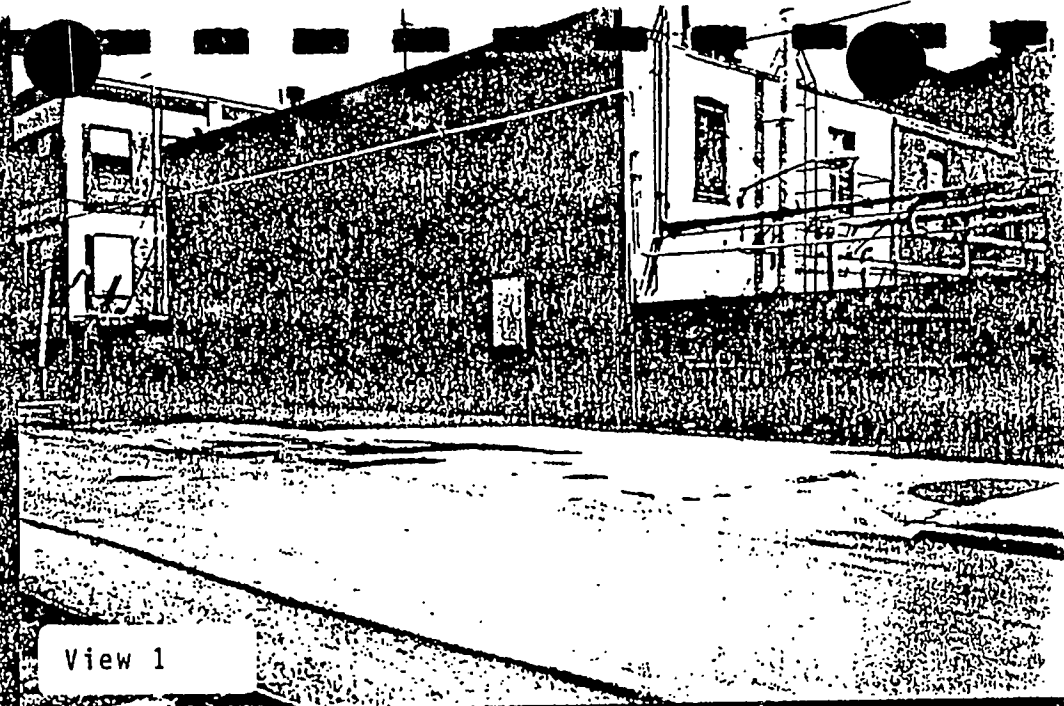
by Mont G. Mason

Under Contract E-3965-1001-SJF

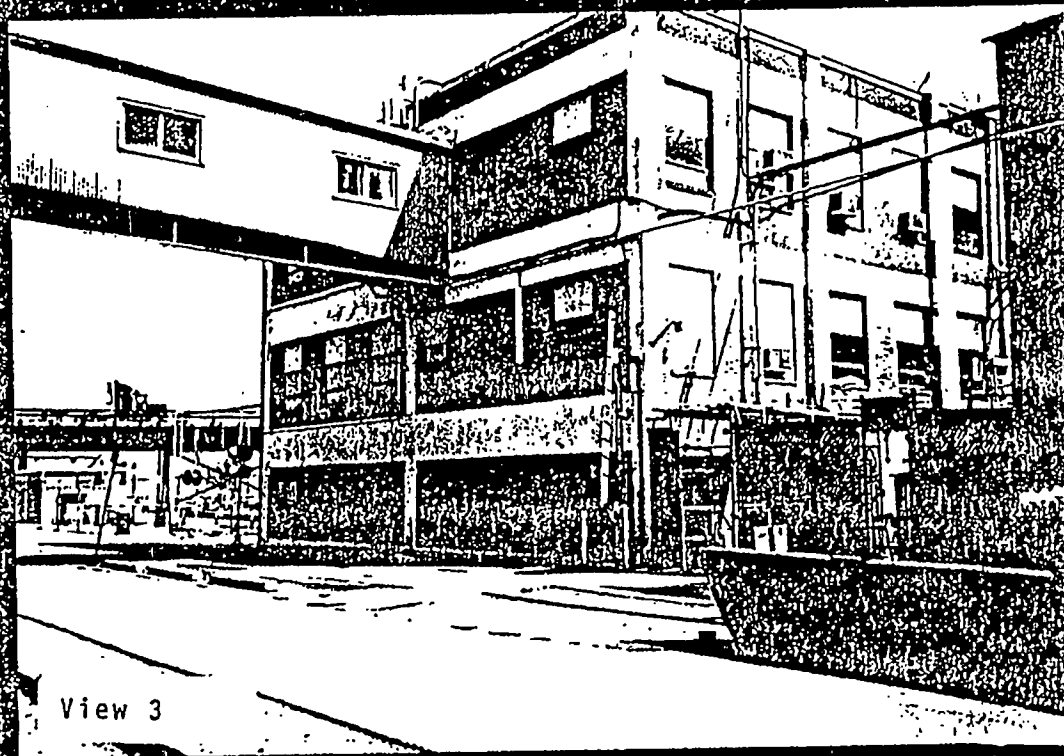
August 19, 1977



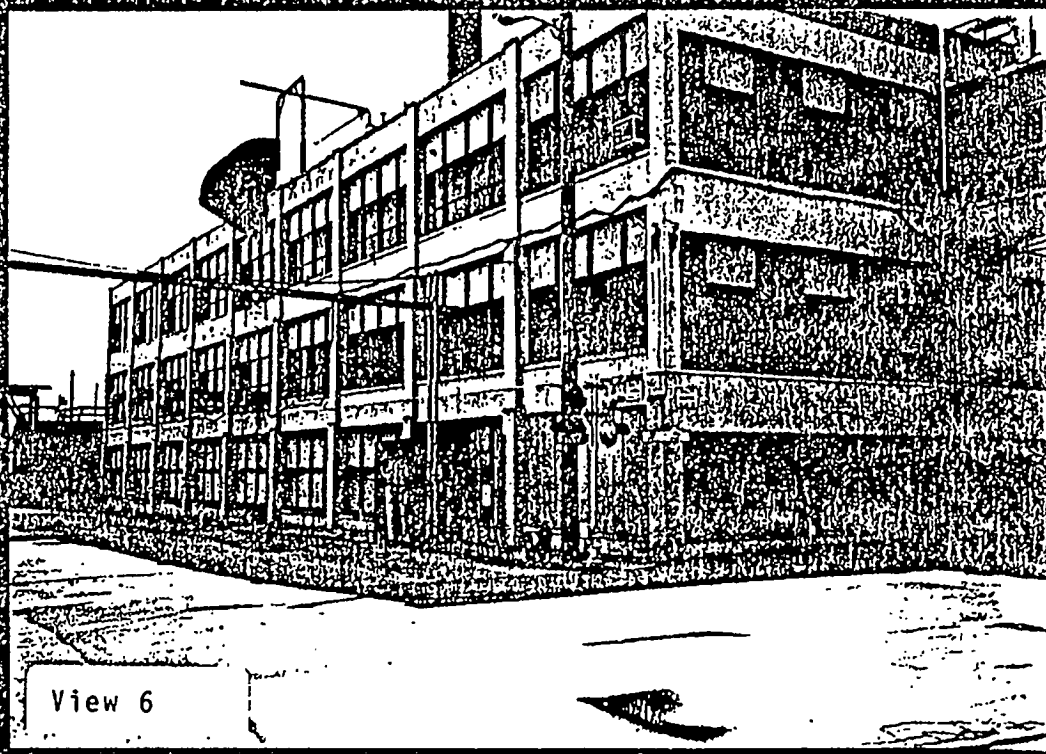
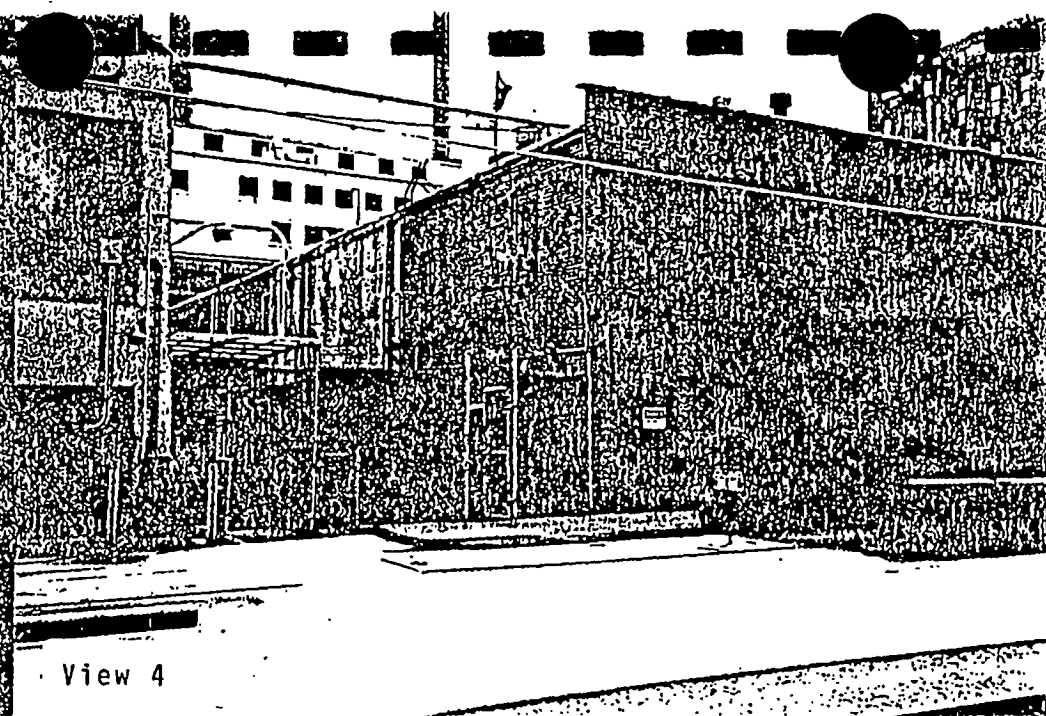
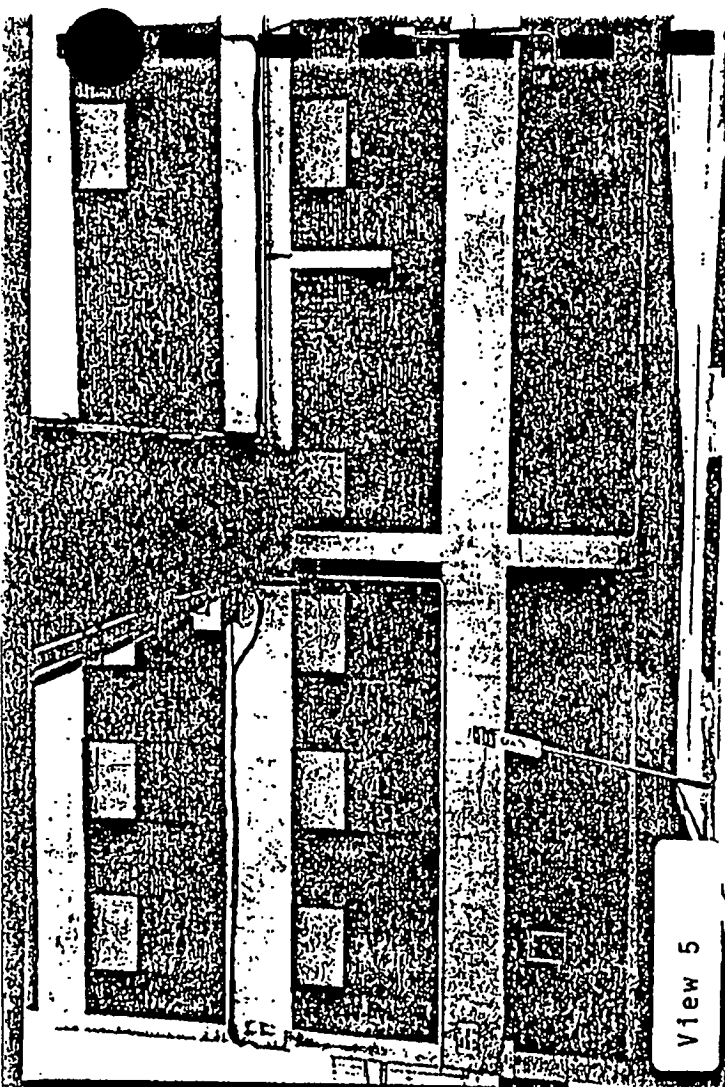
View 2

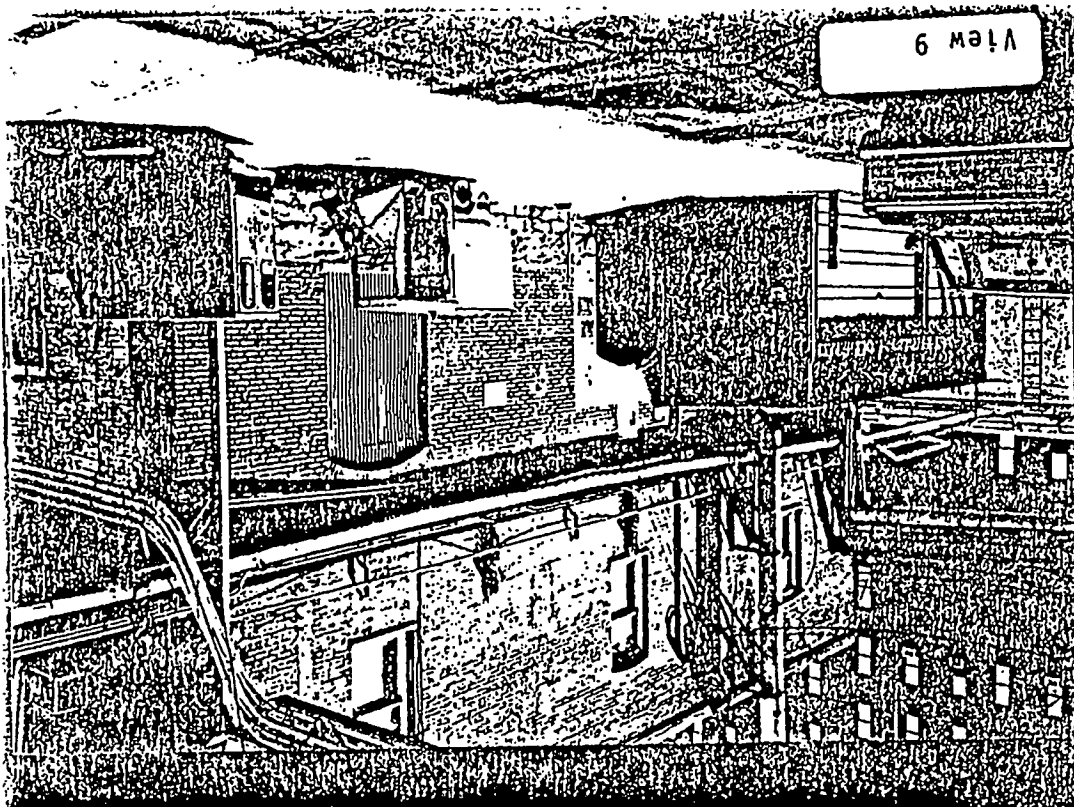


View 1



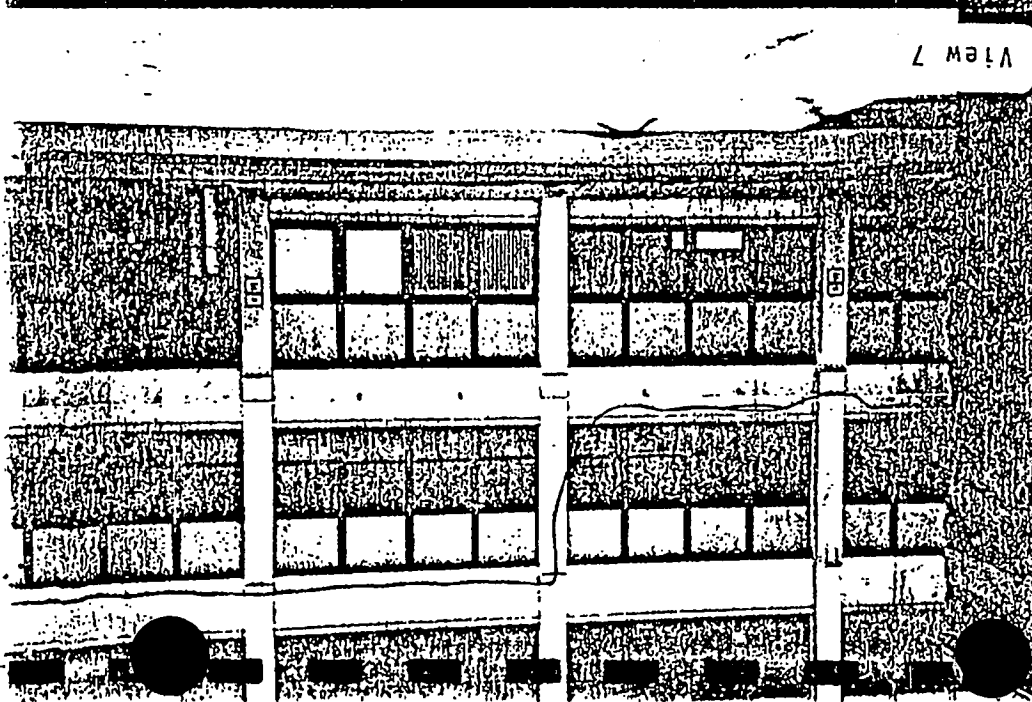
View 3



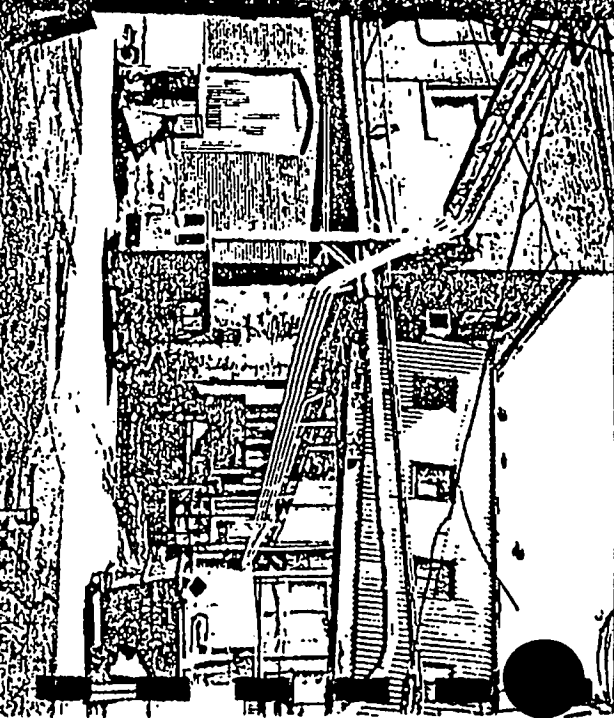


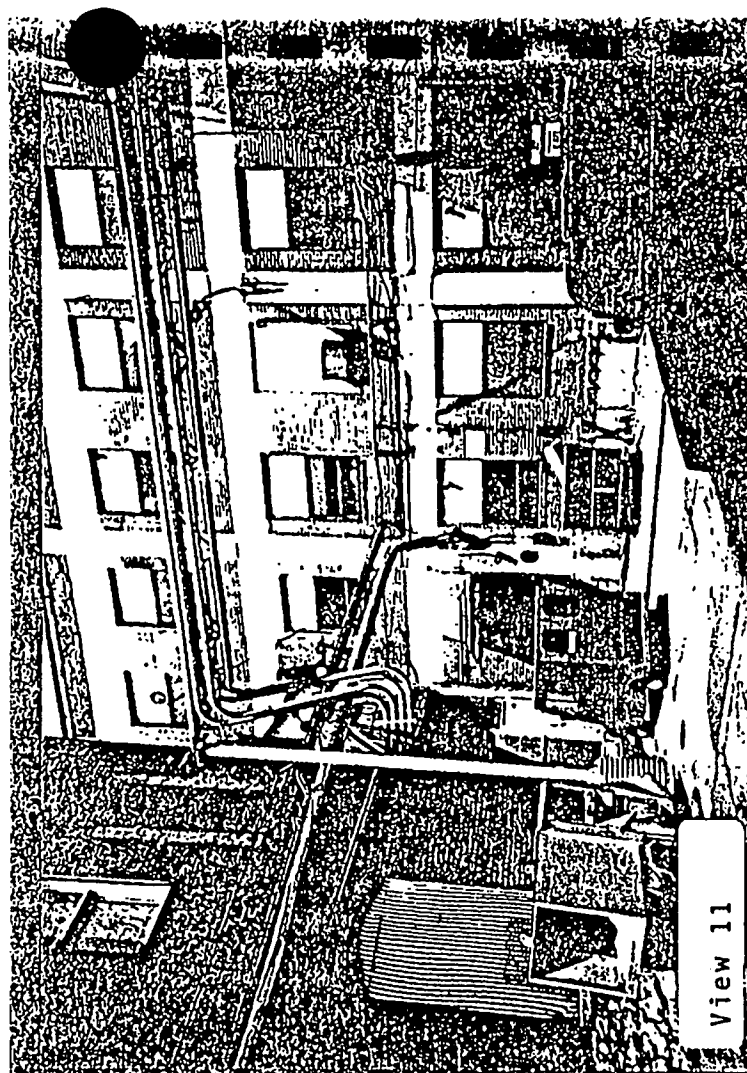
View 9

View 8

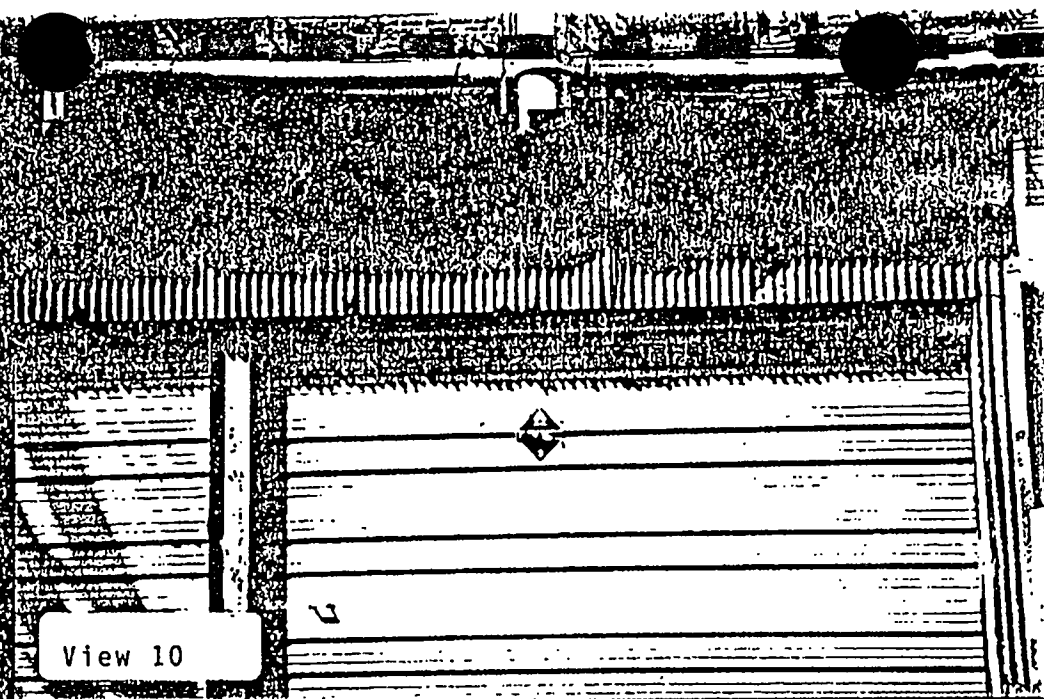


View 7

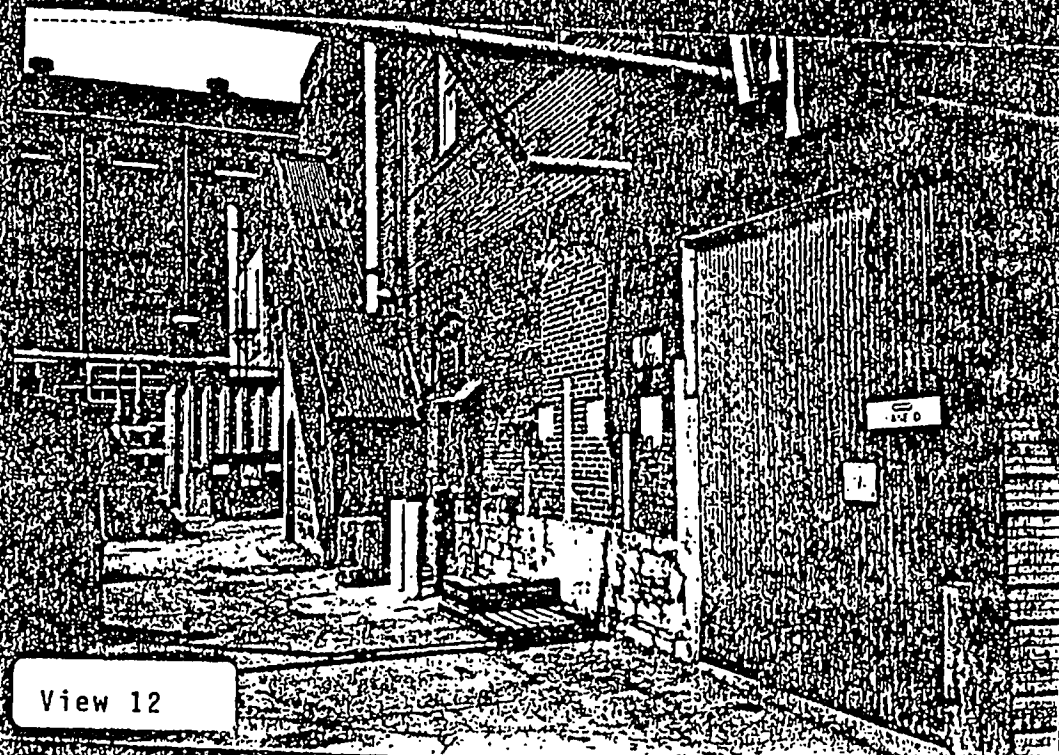




View 11



View 10



View 12

00-1259

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for the St. Louis Site, Missouri



U.S. Department of Energy

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of
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