

300502-0605080002



CH2MHILL

CH2M HILL Mound, Inc.

1075 Mound Road

P.O. Box 750

Miamisburg, OH 45343-0750

SMO-085/06

February 2, 2006

Mr. Don Pfister, Director
Miamisburg Closure Project
U. S. Department of Energy
175 Tri-County Parkway
Springdale, OH 45246

ATTENTION: Paul Lucas

SUBJECT: Contract No. DE-AC24-03OH20152: Deliverable #36 Building Data Package; Section C.2.1.1 Facility Demolition; Structure OSC Reports various (see below), Final

Dear Mr. Pfister:

Attached are the following Final documents for your records:

- R Structure OSC Report, Final
- ✓ ▪ SW Structure OSC Report, Final
- Building 58 Structure OSC Report, Final

If you or members of your staff have any questions regarding the documents, or if additional support is needed, please contact Dave Rakel at 937-865-4203.

Sincerely,

Michael D. Ebben
Site Manager

JL/jg

Enclosures

- cc: T. Fischer, USEPA, (1) w/attachments
B. Nickel, OEPA, (1) w/attachments
R. Vandegrift, ODH, (1) w/attachments
J. Webb, ODH, (1) w/attachments
M. Wojciechowski, Tetra Tech, (1) w/attach
G. Gorsuch, DOE/MCP, (1) w/attachments
R. Tormey, DOE/OH, (1) w/attachments
G. Desai, DOE/HQ, (1) w/attachments
S. Davis, CH2M Hill, (1) w/attachments
C. Kline, CH2M Hill, (1) w/attachments
F. Bullock, MMCIC (2) w/attachments
Public Reading Room (1) w/attachments

- Admin Records, CH2M Hill, (2) w/attachs
ER Records, CH2M Hill, (1) w/attachs
DCC (1) w/attachments
M. Ebben, CH2M Hill, w/o attachments
K. Armstrong, CH2M Hill, w/o attachments
D. Rakel, CH2M Hill, w/o attachments
D. Kramer, CH2M Hill, w/o attachments
A. Upshaw, CH2M Hill, w/o attachments
MOAT Coordinator, CH2M Hill, w/o attachs
S. Barr, CH2M Hill, w/o attachments
M. McDougal, CH2M Hill, w/o attachments
file, CH2M Hill, w/o attachments

SW BUILDING STRUCTURE REMOVAL ACTION

No PRSs are closed via this OSC Report
Includes documentation of EG-1 and EG-6 structure
disposition as personal property

OSC REPORT

February 2006

Final



Department of Energy
Miamisburg Closure Project



CH2MHILL

* Bldg 68 was demolished via E Bldg Action Memo (final, April 2000).

Bldg 62 is considered part of Bldg SW.

PRS 234 (EG-6 tank) is listed in R/SW AM, but was previously NFA on 8/23/96; the remaining soil in the vicinity will be verified via the SUD.

Some PRSs are listed in multiple work plans because the work was performed in phases.

Bldgs R, SW, 58, 68, 62, B & T Stacks, and

Slabs for Bldgs R, SW, 68, 62, & B, & T Stacks, and

PRSs 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143 (EG-1 tank), 144, 145, 146, 209, 234* (EG-6 tank), 249, 250, 251, 252, 253, 254, 327, 328, & 329.

Includes work planning & verification of PRSs 425 & 437 and a portion of PRS 438.

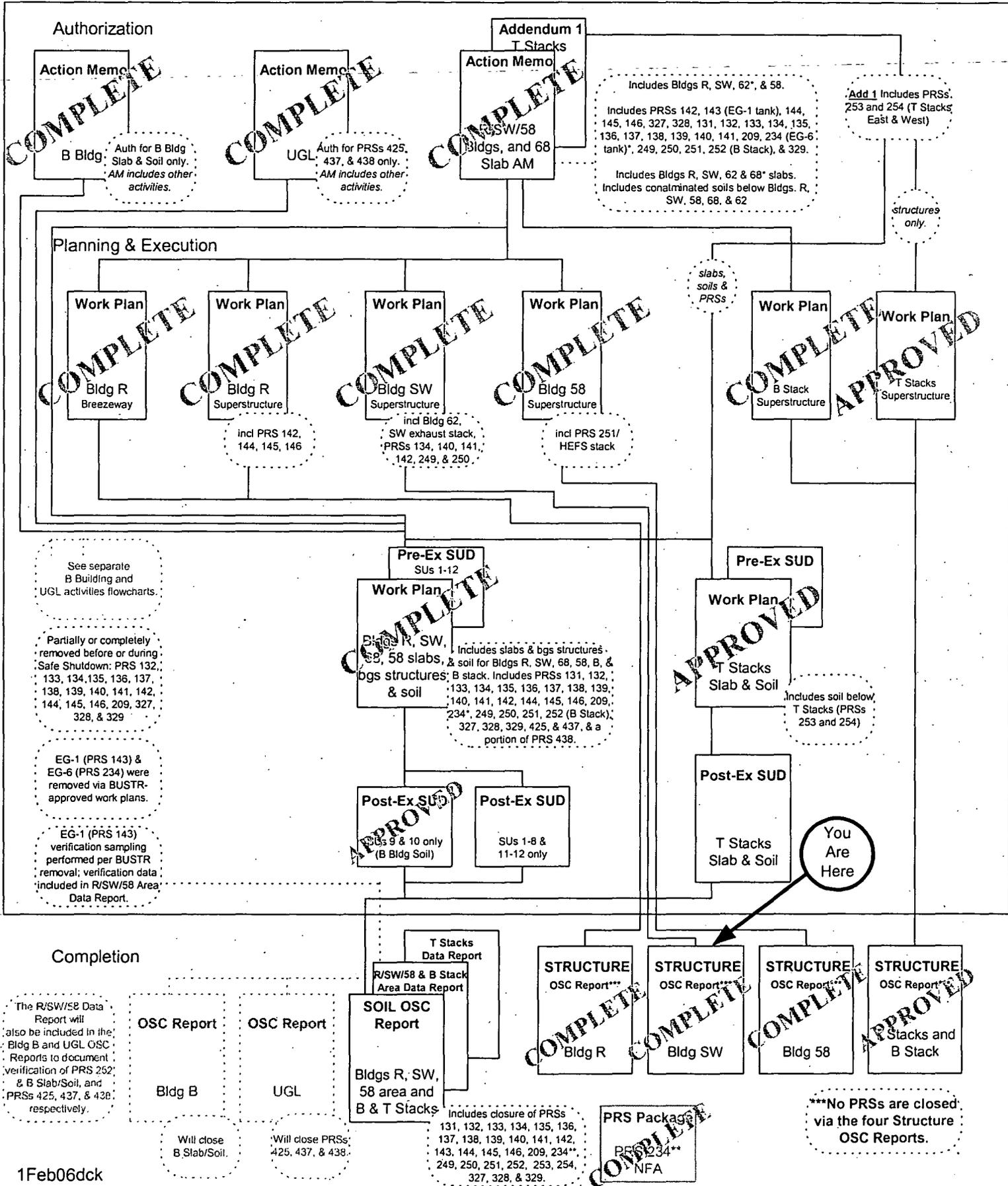


Table of Contents

Section	Page
Recommendation	iii
1.0 SUMMARY OF EVENTS	1
1.1 Site Conditions and Background	1
1.2 Organization of the Removal Action	2
1.3 Objectives	2
1.4 Chronological Narrative of the Removal Action	3
2.0 EFFECTIVENESS OF THE REMOVAL ACTION	4
2.1 Actions Taken by Site Contractor	4
2.2 Actions Taken by Local, State, and Federal Agencies	6
3.0 DIFFICULTIES ENCOUNTERED	6
3.1 Items that Affect the Removal Action	6
3.2 Issues of Intergovernmental Coordination	6
4.0 RECOMMENDATIONS	6
4.1 Means to Prevent a Recurrence	6

Figures

- Figure 1: Site Map
Figure 2: R, SW, 58, T Stacks Demo Air Monitor Locations

Tables

- Table 1: PRSs Associated with Buildings SW and 58
Table 2: Organization of the Removal Action
Table 3: Materials and Disposition

Table of Contents

(continued)

Appendices

Appendix A	Figures
Appendix B	Tables
Appendix C	General Media Information
Appendix D	Photographic Documentation
Appendix E	Radiological Air Monitoring Results

Acronyms

AST	Aboveground Storage Tank
BOSS	Balance of Site Structures
BUSTR	Bureau of Underground Storage Tank Regulations
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
cy	cubic yard
DAC	derived air concentration
DOE	Department of Energy
EG	Emergency Generator
LSA	Low Specific Activity
MCP	Miamisburg Closure Project
NCDPF	Nuclear Component Design and Production Facility
NTS	Nevada Test Site
OEPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator
PRP	Potentially Responsible Party
PRS	Potential Release Site
RA	Removal Action
SW	Semi-Works
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank

Recommendation

The SW Building Removal Action (authorized via the Action Memorandum, Buildings R, SW, 58, and 68 Slab Removal Action, June 2003, Revision 1 (Final)) was performed based on radiological contamination from radioactive operations that occurred within the building. The Action Memorandum included the demolition and disposal of Buildings R, SW, 58, 68 Slab, and structural PRSs (PRSs 131 through 146, 209, 234, 249 through 252, and 327 through 329.)

This OSC Report documents the demolition of the SW Building structure only. This portion of the removal action resulted in the disposal of approximately 43,415 cubic yards (cy) of radioactive waste (including 250 cy of asbestos waste) that was sent to Envirocare and the Nevada Test Site (NTS). Approximately 23,876 liters of ethylene glycol were disposed of through Clean Harbors, Inc., and 57 cy of metal (meeting surface release criteria) were disposed of through Metal Shredders, Inc. This OSC Report closes out the removal of the SW Building above ground structure. The removal of the below ground structure of SW Building (including the old and new caves), as well as the remediation and verification of the soil below and around SW Building, will be closed out in a separate OSC Report.

Recommendation:

After a thorough review of the SW Building Structure On-Scene Coordinator Report, the Core Team agrees that the Removal Action of the SW Building aboveground structure is complete, and all previously existing environmental issues associated with this structure have been resolved. No PRSs are closed out via this OSC Report.

Paul Lucas

9/27/05

Paul Lucas, OSC
U.S. Department of Energy
Springdale, Ohio

Timothy J. Fischer

9/27/05

Timothy J. Fischer, Remedial Project Manager
USEPA
Chicago, Illinois

Brian K. Nickel

9/27/05

Brian K. Nickel, Project Manager
OEPA
Dayton, Ohio

1.0 SUMMARY OF EVENTS

This section describes the background and events leading up to the removal action, parties involved in supporting the removal action, chronological narrative of the removal action, and resources committed to complete the project.

1.1 Site Conditions and Background

The Action Memorandum, Buildings R, SW, 58, and 68 Slab Removal Action, June 2003, Revision 1 (Final) authorized the removal of SW Building. This Structure On-Scene Coordinator (OSC) Report documents only the completion of the Removal Action for the SW Building above ground structure. The levels of radiological contamination present in SW Building warranted a Removal Action (RA) under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) and subsequent demolition of SW Building and associated structures.

The removal and verification of contaminated slabs and soil in the vicinity of SW Building will be performed per the above stated Action Memorandum, and closed via the Buildings R, SW, 58, and 68 Slab and Soil OSC Report.

SW Building Background

Building SW (Semi-Works) was a two-story structure, with a penthouse, constructed of concrete block with brick facing. The roof was metal with built-up membrane of carbolite, asphalt, and coal tar. Building SW was located as shown in Figure 1, Appendix A. Originally constructed in 1950, Building SW underwent 13 major additions. One addition, originally named Building 62, was later considered part of SW Building. The total area of Building SW was 43,066 square-feet.

Building SW was used for tritium recovery and purification, tritium component development, component evaluation, and analysis of materials. Operations included research projects on plutonium, actinium, radium, uranium, thorium, and protactinium. The building was contaminated with radiological materials. The building contained high-efficiency particulate air (HEPA) filters and alpha and beta hot drains.

Supporting the R, SW, and 58 Building operations were two emergency generator (EG) structures designated EG-1 and EG-6, which were not included in the RA, but removal of those two structures is closed via this Structure OSC Report. Per prior agreement with the Core Team, these structures were handled as personal property: the EG-1 and EG-6 generators, controls, aboveground storage tanks (ASTs), and the EG-6 structure were sold, and the EG-1 structure was demolished. Originally, both EG-1 and EG-6 were fueled from underground storage tanks (USTs). These tanks were removed under Bureau of Underground Storage Tank Regulations (BUSTR). The 3,000-gallon diesel UST associated with EG-6 (PRS 234, Building 58 Diesel Fuel Storage [Tank 222]), was removed in 1989, and PRS 234 was binned No Further Assessment (NFA) on 18 April 1996. The 5,000-gallon tank associated with EG-1 (PRS 143, R/SW/T Building Stack Diesel Fuel Storage Tank [Tank 117]), was abandoned in 1998, and removed in 2005.

PRS 143 is included in this RA, and will be closed via the Buildings R, SW, 58, and 68 Slab and Soil OSC Report. Both EG-1 and EG-6 were fueled from ASTs prior to their demolition. The ASTs were sold along with the generators.

Appendix D provides photographs of the SW Building before, during, and after demolition. Photographs of EG-1 and EG-6 are also included.

Associated Potential Release Sites (PRSs) and Previous Investigations.

Seventeen (17) PRSs associated with SW Building were included in the RA. However, none are closed out via this SW Building Structure OSC Report. The SW Building PRSs are listed in Table 1, Appendix B.

Removal Action. The RA for SW Building was authorized in the Action Memorandum, Buildings R, SW, 58, and 68 Slab Removal Action, June 2003, Revision 1 (Final).

Since DOE is the sole responsible party for cleanup of contamination in SW Building, no Potentially Responsible Parties (PRPs) were sought to clean up the site. Monsanto Research Corporation, EG&G Mound Applied Technologies, and BWXT of Ohio, Inc. were the operating contractors at the site from 1948 to 30 September 1988, from 1 October 1988 until 30 September 1997, and from 1 October 1997 until 31 December 2002 respectively. CH2M Hill Mound, Inc. became the site contractor for the Miamisburg Closure Project (MCP) effective January 1, 2003.

1.2 Organization of the Removal Action

Table 2 (Appendix B) lists the parties supporting the removal action and their responsibilities.

1.3 Objectives

Documentation Objective. The objective of this SW Building Structure OSC Report is to describe the removal action fieldwork, report the air monitoring results, and document successful completion of the structure portion of the SW Building RA. Demolition debris quantities and disposition locations are presented in Table 3, Appendix B.

CH2M Hill, Inc. has elected to cluster financial data for multiple buildings together. SW Building is part of a cluster that also includes Buildings R, 58, EG-1, EG-6, B slab, and T stacks. When this cluster is completed, the total cost for the cluster will be reported in the Buildings R, SW, 58, and 68 Slab and Soil OSC Report. Thus, no cost breakdown of the RA is presented in Appendix B.

The removal of the slab and below grade structures (and old and new caves), and the removal and verification of contaminated soil in the vicinity of SW Building will be performed per the above stated Action Memorandum, and closed via the Buildings R, SW, 58, and 68 Slab and Soil OSC Report.

Removal Action Objectives. The objectives of the removal action, as outlined in the Action Memorandum, Buildings R, SW, 58, and 68 Slab Removal Action, June 2003, Revision 1 (Final) and documented in this SW Building Structure OSC Report include:

- Project Planning
- Public Participation
- Phase I - Establish Work Zones
- Phase I - Buildings R, SW, and 58, Decontamination
- Phase II - Demolish Buildings

The following activities will be documented in the Buildings R, SW, 58, and 68 Slab and Soil OSC Report:

- Phase II - Remove Associated Foundations and Soils
- Phase II - Verification
- Site Restoration
- Documentation of Completion

Verification of the structure removal is provided in the photographs included in Appendix D.

1.4 Chronological Narrative of the Removal Action

The following is a chronological narrative of events surrounding the SW Building structure RA.

Timeframe	Activity
1950	SW Building initial construction complete
1957	Hot Gas Facility addition
1958	Ceramics Facility addition
1959	Disassembly and Surveillance addition
1960	Plastics Shop addition
1961	Change House addition
1961	North end alterations
1965	Nuclear Component Design and Production Facility addition (NCDPF)
1967	Addition to SW-9
1969	Surveillance and Testing Facility addition
1972	350 Ton Cooling Tower and Chiller System addition

Timeframe	Activity
1975	Impact Test Facility addition
1976	Thorium Production Facility addition
1979	Aqueous Tritiated Waste addition
June 2003	Buildings R, SW, 58, and 68 Slab Final Action Memorandum issued
May 2004	SW operations ceased
June 2003 – September 2004	Phase I - SW Building decontamination
Oct.-Dec. 2004	Phase II - SW Building structure demolished
May 2005	SW Structure OSC Report generated

2.0 EFFECTIVENESS OF THE REMOVAL ACTION

The SW Building structure has been demolished, and the debris removed and properly disposed of per the Work Package (BOSS 38861). Photographs taken before, during and after demolition are included in Appendix D.

2.1 Actions Taken by Site Contractor

CH2M HILL Mound, Inc. personnel planned and performed removal action oversight, building decontamination, building dismantlement and demolition, and onsite transportation and staging of debris. The project met the removal action objectives related to the SW Building structure as outlined in the Action Memorandum, Buildings R, SW, 58, and 68 Slab Removal Action, June 2003, Revision 1 (Final) and the demolition work plan, Demolition of SW Building, Revision 0.

In accordance with the RA, the following actions were taken: project planning, public participation, Phase I: establish work zones, Phase I: Building SW decontamination, Phase II: Building SW structure demolition, and proper disposal of the debris. This Structure OSC Report provides the documentation of completion for the removal of the SW Building above ground structure. The removal of the SW slab and underground structures, and remediation and verification of contaminated soil in the vicinity of SW Building will be performed per the above stated Action Memo, and closed out via the Buildings R, SW, 58, and 68 Slab and Soil OSC Report.

Building Dismantlement and Demolition

To prevent the generation of airborne radioactive contamination during demolition activities, engineering controls were employed. These controls included (but were not limited to) fixing contamination using liquid fixatives and/or foam, and using water misting to prevent fugitive dust emissions.

Liquid and foam fixatives were used inside contaminated pipes and ductwork to prevent the contamination from becoming airborne during demolition. The resulting debris was disposed of as low-level waste. Acid etching was done as part of the isotopic analysis of certain contaminated areas of concrete. The resulting samples were analyzed by gamma and/or alpha spectroscopy, as appropriate. The samples were then disposed of through the appropriate waste stream. Water misting was performed with the goal of no visible fugitive dust. The soil in the SW footprint and surrounding area will be remediated as necessary, verified, and documented in the Building R, SW, 58, and 68 Slab and Soil OSC Report.

In order to prevent excess debris, silt, or other materials from entering surface streams or the storm sewer system, resulting from water misting and/or rainwater, an earthen berm was erected around the perimeter of the demolition project area. All such water collected during demolition activities was sampled to assure compliance with release criteria and released or packaged for disposal in accordance with Mound Waste Management Procedures.

Prior to demolition, Radiological Controls performed an evaluation of the radiological history of the building and performed radiological surveys to determine levels and types of contamination. All radioactively contaminated debris was size reduced and packaged to meet the Envirocare or NTS waste acceptance criteria.

The EG-6 structure was sold, and the EG-1 structure was demolished. The EG-1 and EG-6 USTs had been previously removed per BUSTR. The soil below both former USTs will be evaluated via the R/SW/58/68 Post-Excavation Survey Unit Design (SUD), and closed via Buildings R, SW, 58, and 68 Slab and Soil OSC Report.

The SW Building structure was removed; photograph documentation is provided in Appendix D. Also included are photos of EG-1 and EG-6.

Air Monitoring for Worker Safety

During demolition activities, the Mound Radiological Control organization performed air monitoring to confirm a safe work environment, in accordance with 10 CFR 835. Air monitoring results from the building demolition are provided in Appendix E. The locations of the air monitor stations are shown on Figure 2 in Appendix A. On each day that demolition activities were performed, at least two air monitors were used at any given time (one upwind of the work area and the other downwind of the work area). The monitors were repositioned in response to changes in wind direction.

The average of the air monitoring results at the demolition boundary was below 0.02 derived air concentration (DAC), which means that worker exposure was less than the Mound Administrative Control level of 100 mrem/year, based on 10 CFR 835. The air monitoring results from the Mound site perimeter monitors were all below the 0.3 DAC Mound posting criteria. No MCP worker or environmental exposure limits were exceeded, thus the demolition activities did not pose any additional risk to human health or the environment. (Appendix E).

2.2 Actions Taken by Local, State, and Federal Agencies

The Department of Energy (DOE)/MCP, the United States Environmental Protection Agency (USEPA), and Ohio EPA (OEPA) had oversight responsibility for the removal action. The DOE/MCP was the lead agency for the RA and provided the funding and oversight for the RA. The USEPA and OEPA has oversight responsibility for the RA and review of the Action Memorandum and OSC Reports to ensure that the objectives are/were met.

2.3 Actions Taken by Subcontractor

Subcontractors involved in the SW structure demolition project included the following:

- American Services (Cleves, Ohio) performed asbestos abatement,
- Clean Harbors (Cincinnati, Ohio) treated and disposed of the light ballasts and ethylene glycol waste,
- Envirocare (Salt Lake City, Utah) received radioactive waste via rail and truck,
- Metal Shredders (West Carrollton, Ohio) transported and dispositioned metal waste (meeting surface release criteria), and
- Nevada Test Site (NTS) (Las Vegas, Nevada) received radioactive waste via truck.

3.0 DIFFICULTIES ENCOUNTERED

3.1 Items that Affect the Removal Action

No difficulties were encountered that affected the removal action.

3.2 Issues of Intergovernmental Coordination

All DOE/USEPA/OEPA interactions were good. The agencies were updated informally on a regular basis, and formally at monthly Core Team meetings. The Mound 2000 Process worked well.

4.0 RECOMMENDATIONS

4.1 Means to Prevent a Recurrence

The building debris was removed and properly disposed of per the Core Team-approved work plan; therefore, the spread of contamination was prevented. The SW Building slab and underground structures (including the Old and New Caves) will be removed, and the soil in the SW Building footprint and surrounding area will be remediated and verified in accordance with the above Action Memorandum, and

completion will be documented in the Buildings R, SW, 58, and 68 Slab and Soil OSC Report.

After the removal action and the CERCLA process for the parcel are complete, the area will be transferred from federal to private ownership. All State and Federal disposal rules will apply.

APPENDIX A

FIGURES

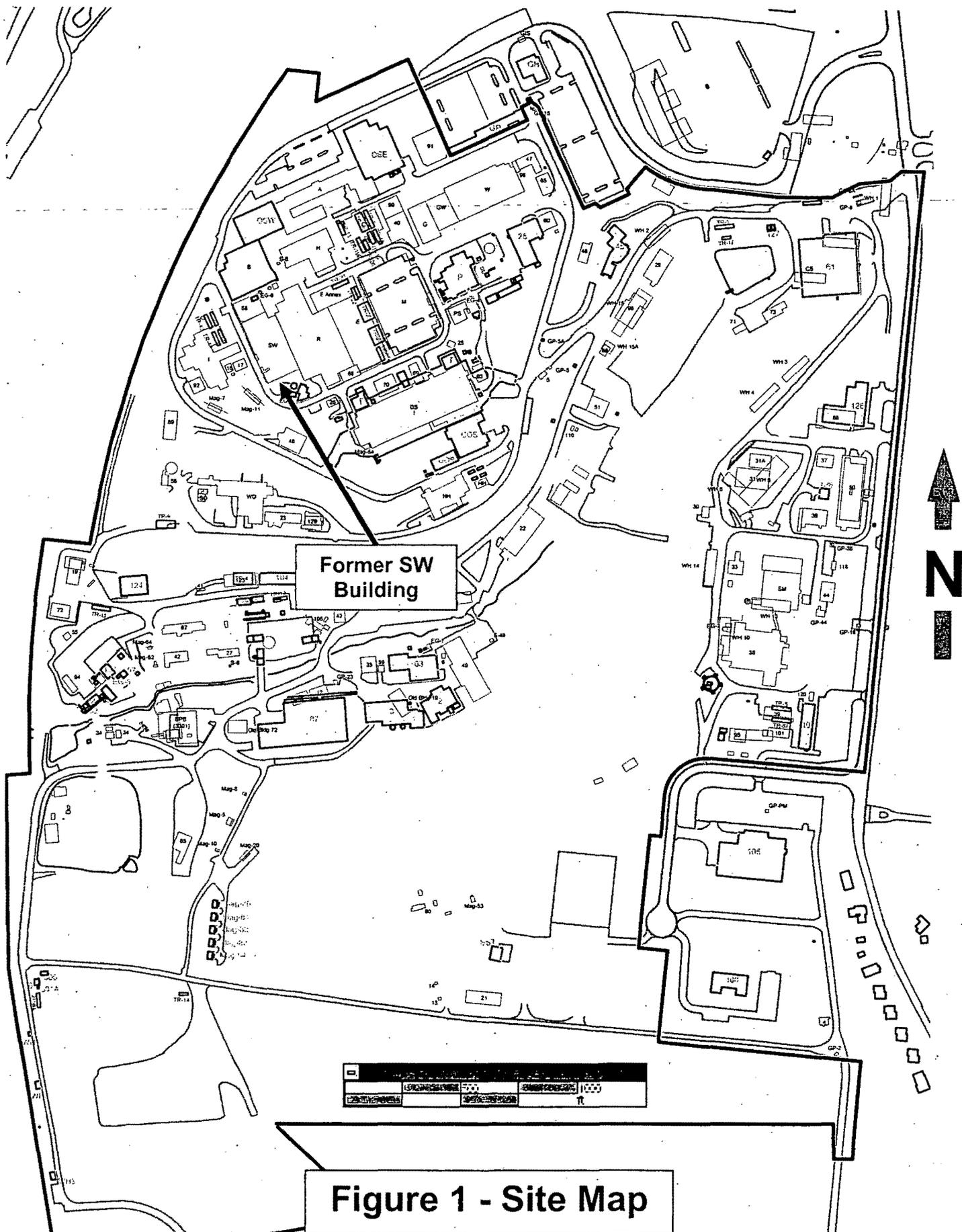
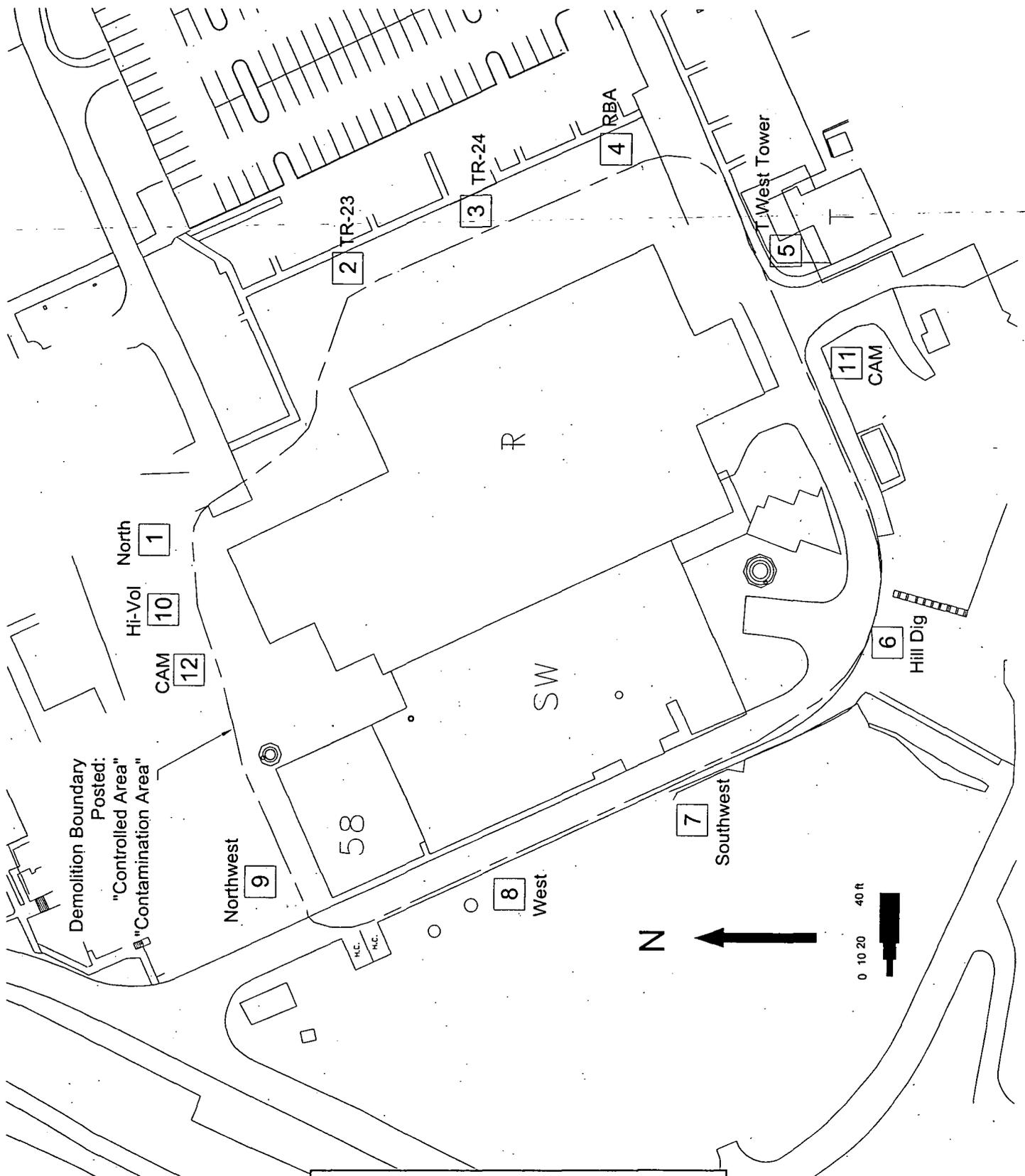


Figure 1 - Site Map



**R, SW, 58, T Stacks Demo
Air Monitor Locations
Fig. 2**

APPENDIX B

TABLES

Table 1 - PRSs Associated with Buildings SW and 58

No PRSs are closed out via this structure OSC Report. All SW Building PRSs will be addressed via the R, SW, 58, and 68 Slab and Soils OSC Report.

PRS	Description	Comments
131	SW Building Soils	Tritium and other radioisotopes beneath the building.
132	Area 15 Entombed SW Cave (Room SW-1A)	Radon-222, Actinium-227, and Thorium Isotopes
133	SW Building Room 1B	Radioisotopes sealed in concrete in building floor.
134	Building SW Drum Storage (Staging) Area	
135	Room SW-8, Beta Wastewater Tank (Tank 20)	
136	Room SW-125, Beta Wastewater Tank (Tank 21)	Suspected historical leaks. Tank lined.
137	Room SW-143, Beta Wastewater Tank (Tank 22)	Suspected historical leaks. Tank lined.
138	Room SW 137 Alpha Wastewater Sump (Tank 23)	Possible Uranium-233
139	Room SW-10, Beta Wastewater Sump (Tank 226)	Suspected historical leaks. Tank lined.
140	Beta Waste Solidification Facility, SW	Waste oils
141	Tritium Effluent Recovery System (ERS)	Pump oils and organic solvents
209	Building 62 Stack Deluge Tank	
234	Building 58 Diesel Fuel Storage Tank (Tank 222)	Tank removed December 1989. Binned No Further Assessment (NFA) 8/20/96.
249	SW Building NCPDF Stack	
250	SW Building SW1C Stack	
251	SW Building HEFS Stack	
329	Building 62 Hot Waste Sump (Tank 258)	Sanitary waste water with potential alpha contamination.

Table 2: Organization of the Removal Action

Agency or Party Involved	Contact	Description of Participation
US EPA (SR-6J) 77 W. Jackson Chicago, IL 60604 312-886-7058	Timothy Fischer USEPA Remedial Project Manager	Federal agency responsible for MCP oversight.
Ohio EPA 410 E. Fifth Street Dayton, OH 45402-2911 937-285-6468	Brian Nickel OEPA Project Manager	State agency responsible for MCP oversight.
DOE/ MCP 175 Tri-County Parkway Springdale, OH 45246 513-246-0071	Paul Lucas DOE/MCP On- Scene Coordinator	DOE is responsible for project oversight and success.
CH2M Hill Mound, Inc. P.O. Box 3030 1 Mound Road Miamisburg, OH 45343-3030 937-608-8007	Chris Watson	Performed demolition, provided the DOE/ MCP Project Manager with technical assistance, administrative support, sampling, decontamination, site safety, and report preparation.

Table 3: Materials and Disposition

Building SW, EG-1, and EG-6 Material	Quantity	Disposal Method	Destination
Phase I: Decontamination			
Asbestos Debris (disposed as radioactive waste)	250 cubic yards	Truck	Nevada Test Site - Nevada
Ethylene Glycol	23,876.03 liters	Treatment	Clean Harbors - Ohio
Radioactive Waste	32,093 cubic yards	Truck	Nevada Test Site - Nevada
Phase II: Demolition			
Clean Metal	57 cubic yards	Truck	Metal Shredders - Ohio
Radioactive Waste	10,770 cubic yards	Rail/Truck	Envirocare -Utah
Radioactive Waste	302 cubic yards	Truck	Nevada Test Site - Nevada

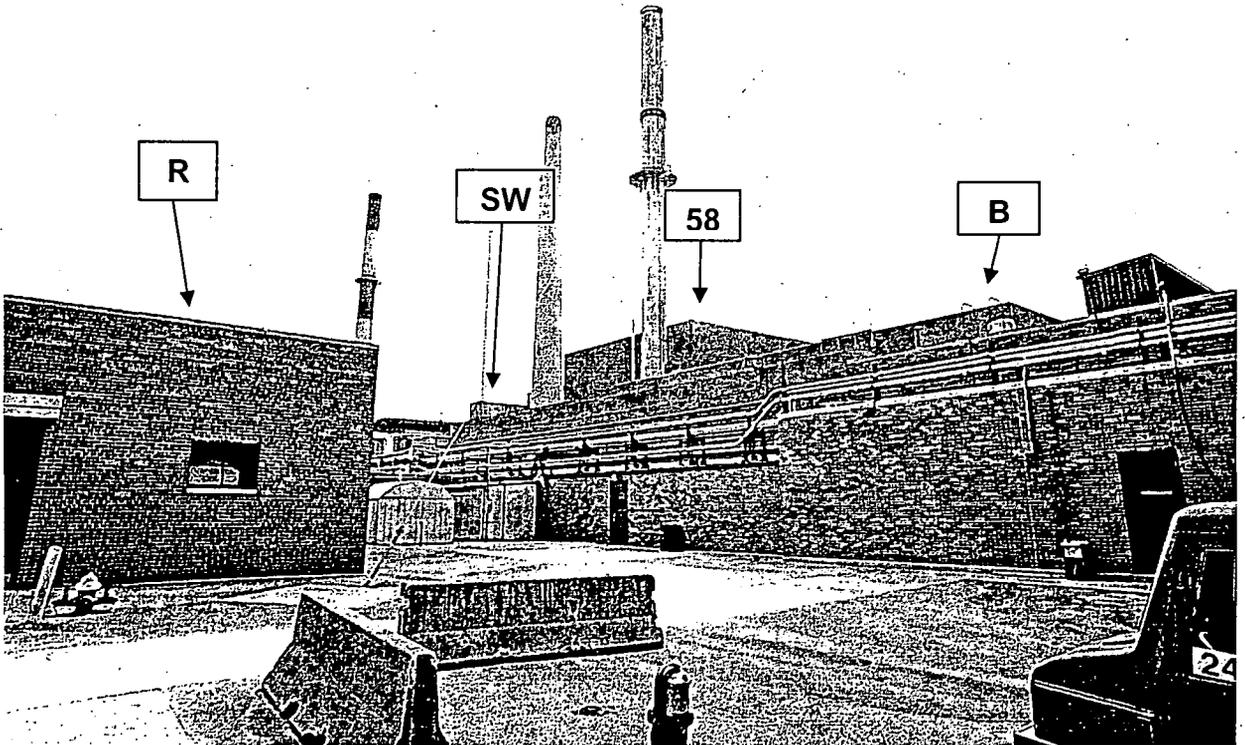
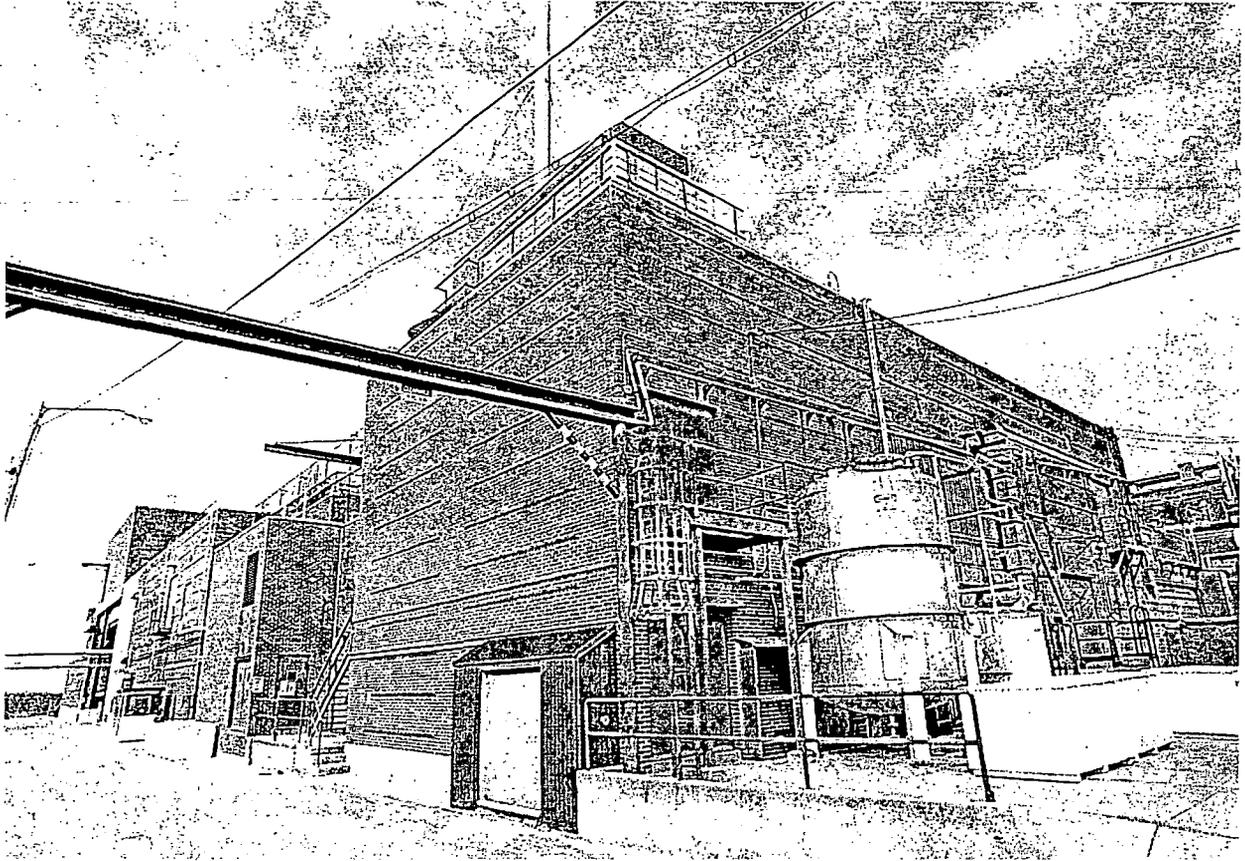
APPENDIX C

GENERAL MEDIA INFORMATION

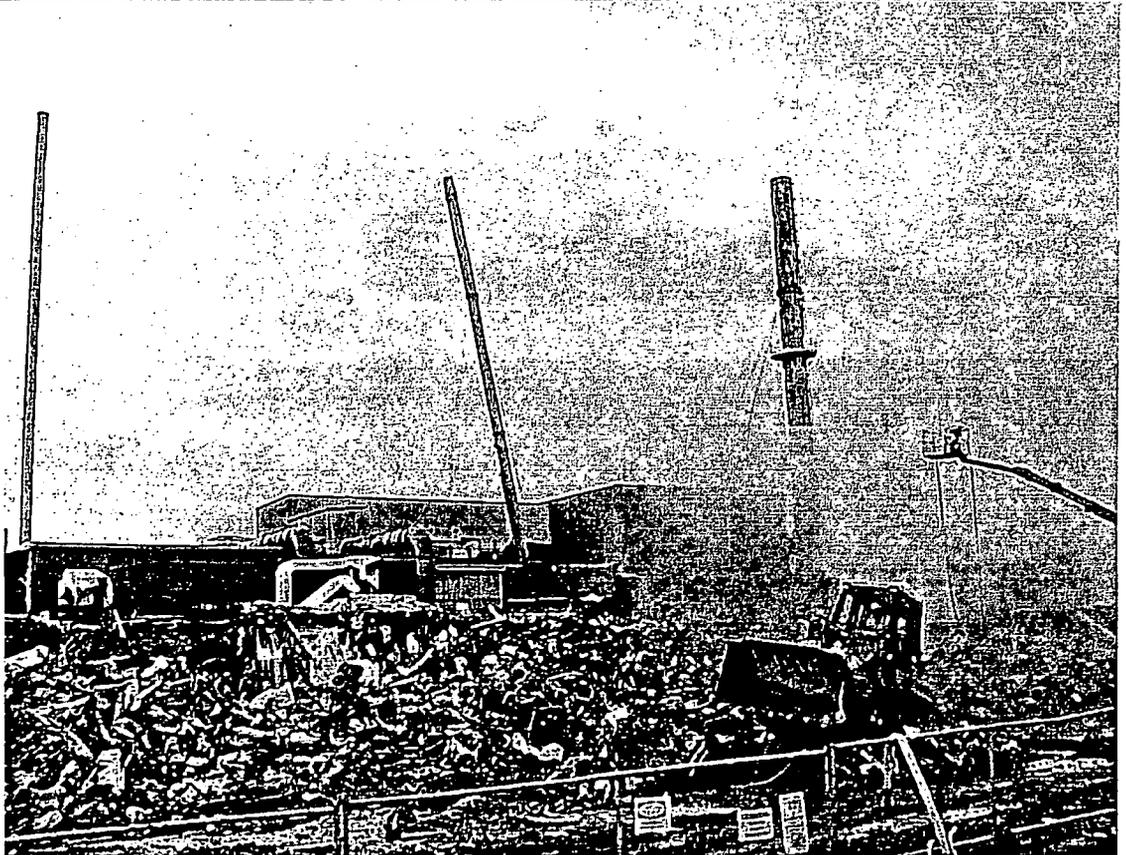
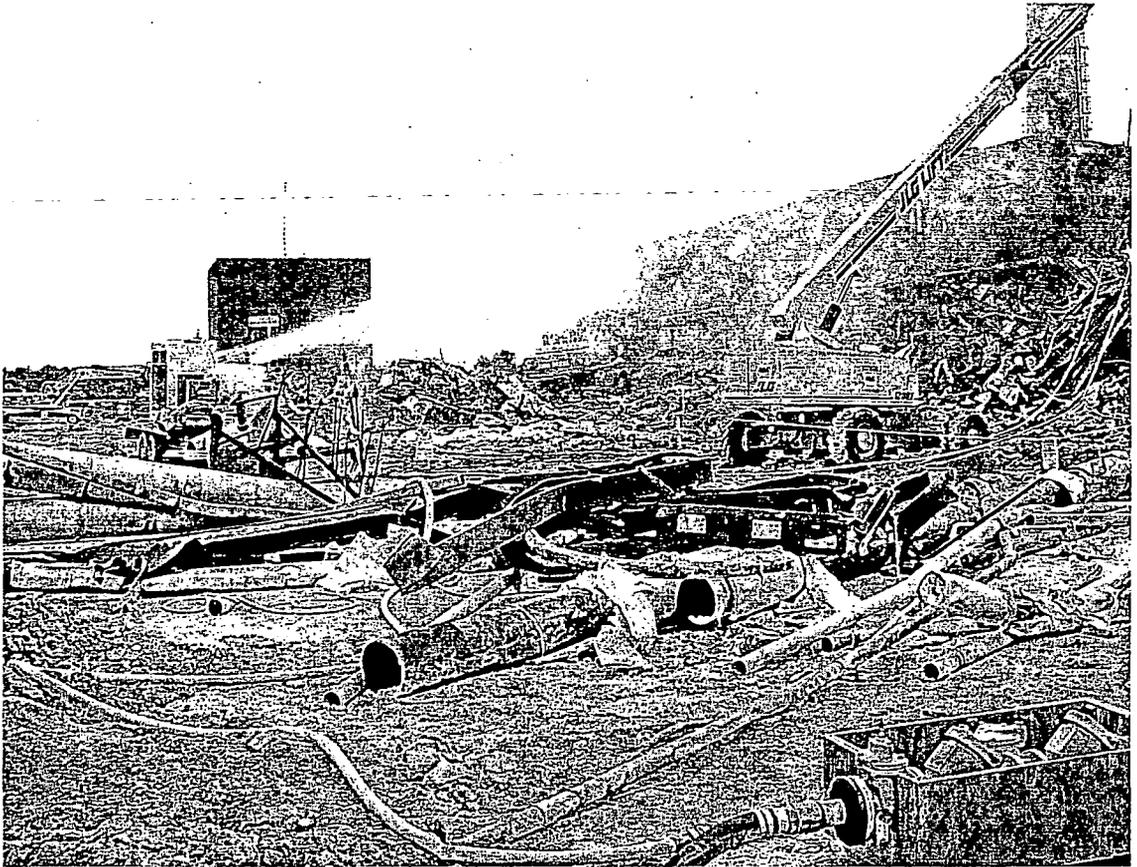
No Media Information Exists

APPENDIX D

PHOTOGRAPH DOCUMENTATION



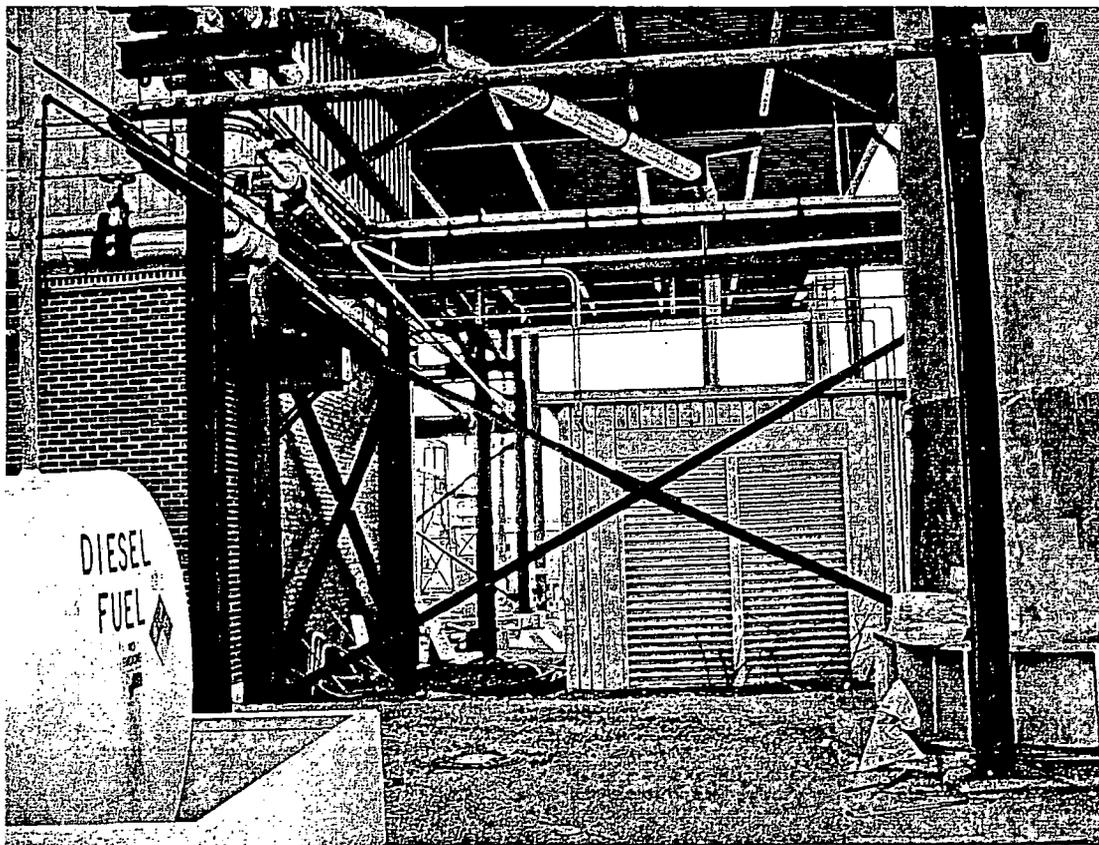
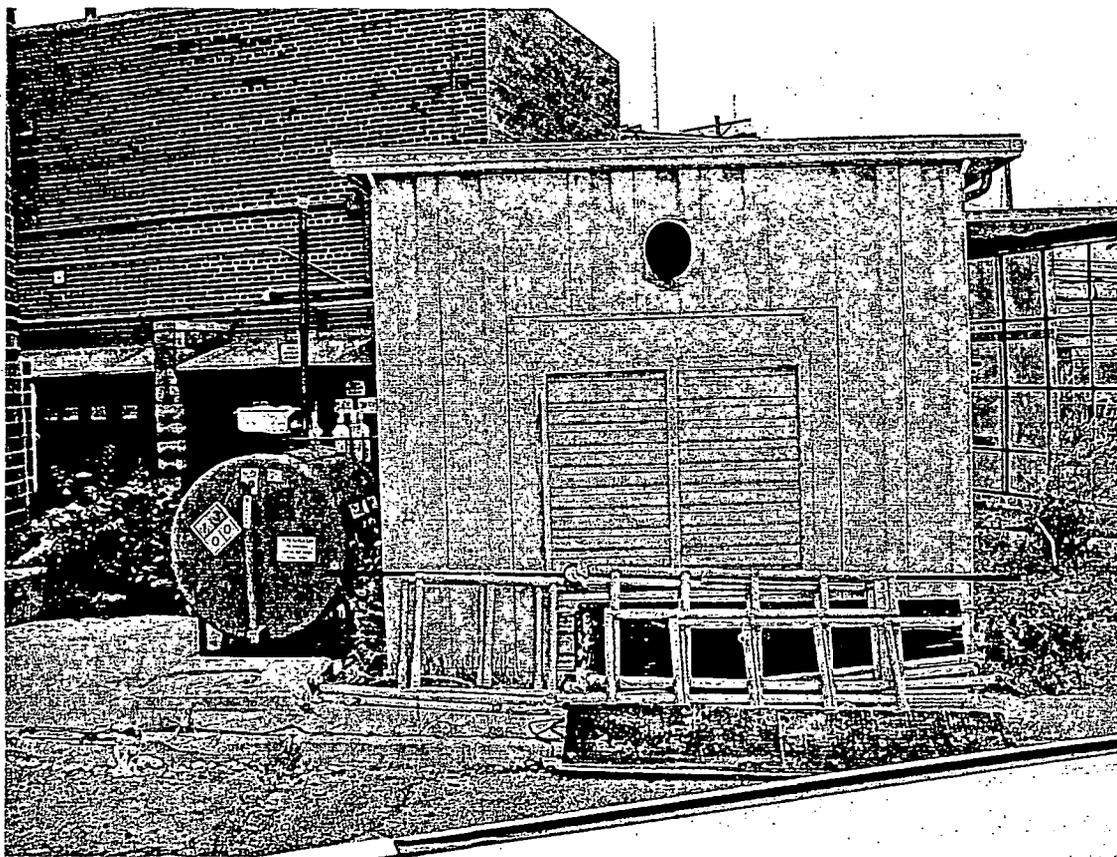
SW Building Before Demo
Top - SW Looking Northeast
Bottom - SW Looking Southwest



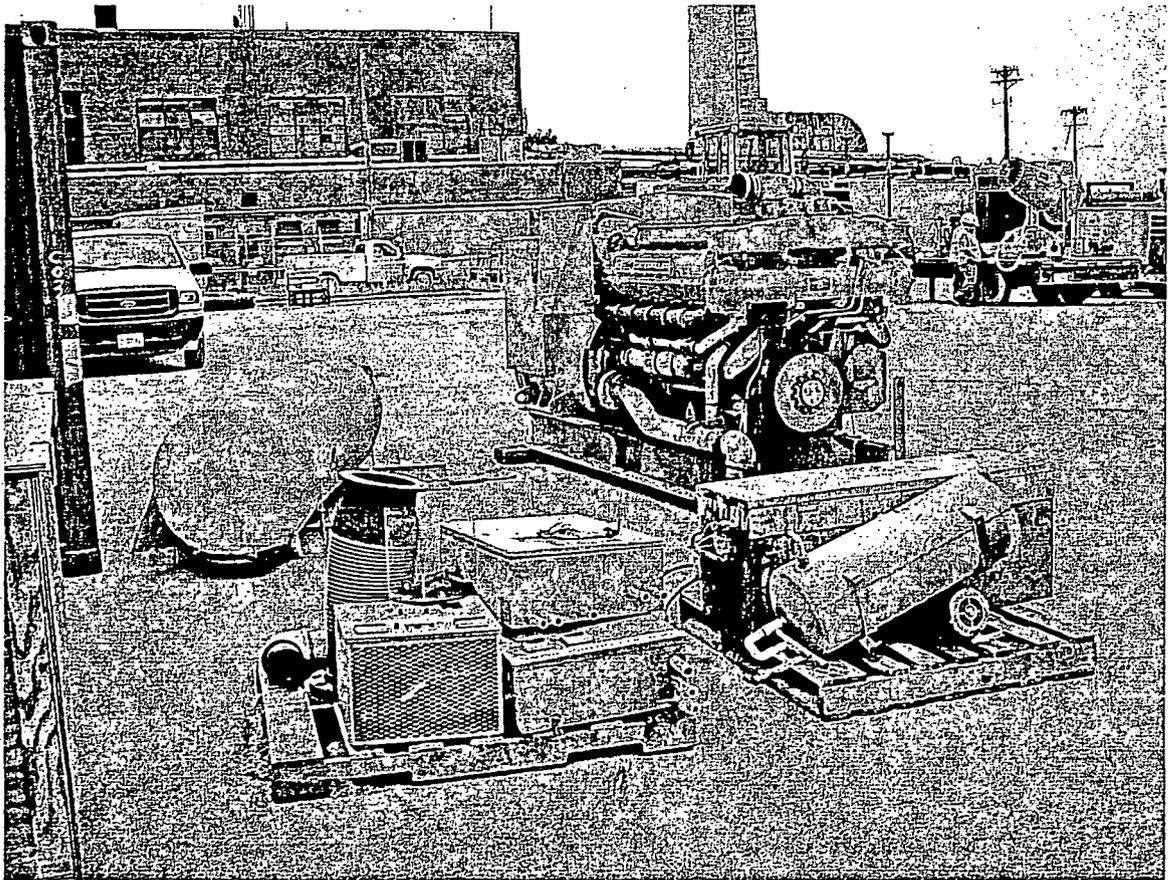
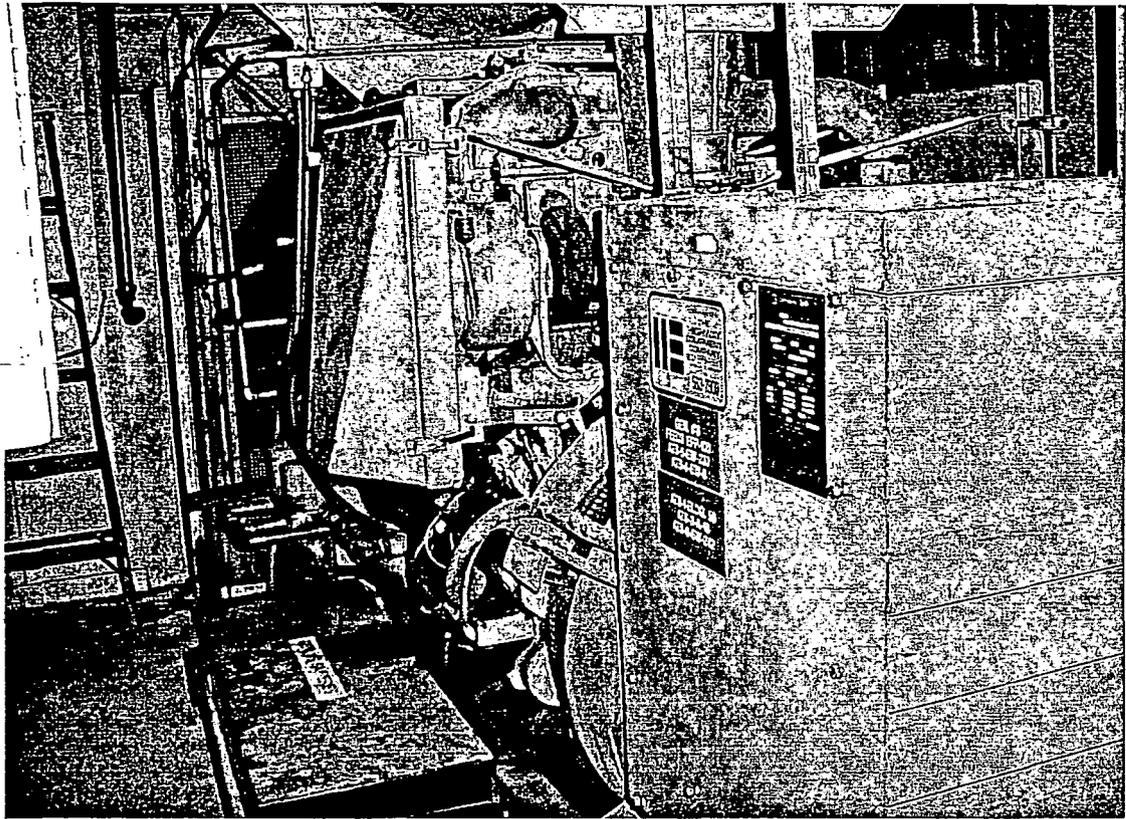
SW Building During Demo
Top - Looking Southwest
Bottom - Looking West



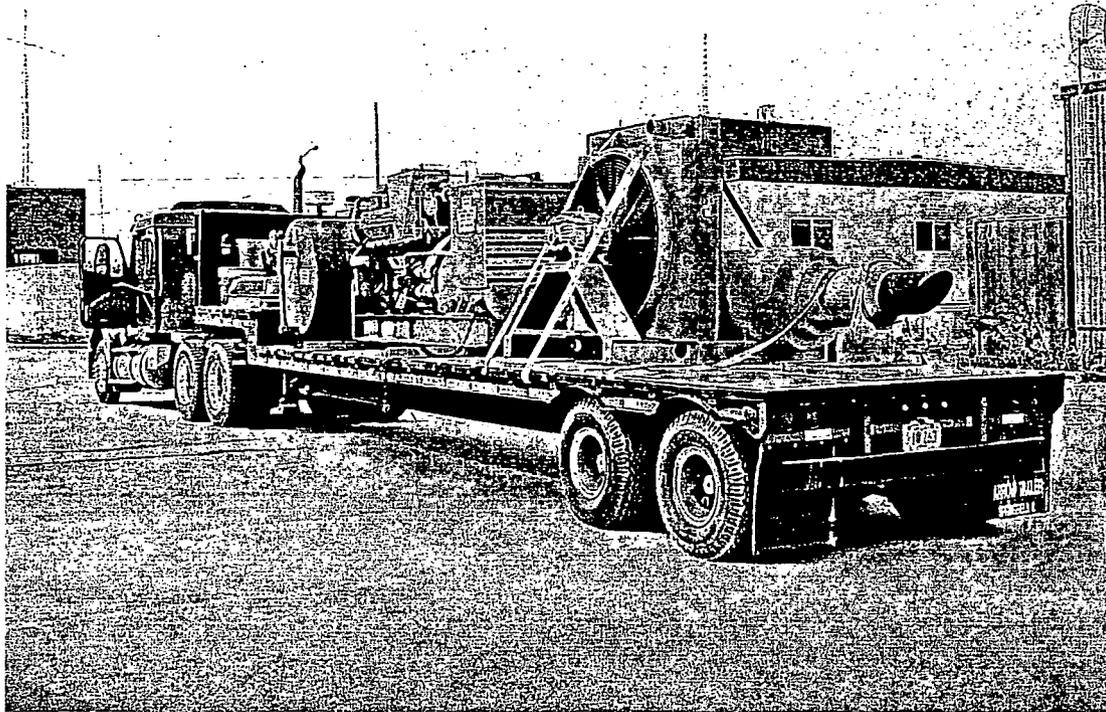
Top - SW Building Water Misting
Bottom - SW Building New Cave



**Before Demo
EG-1 – Top
EG-6 - Bottom**



EG-6 Generator In-Situ - Top
EG-1 Generator Removed - Bottom



**EG-1 Generator Being Taken by Recipient – Top
EG-1 Structure Demolished – Bottom
(Note: No demolition photo available for EG-6)**



**SW Building Slab After SW, EG-1, and EG-6
Structure Demo
Looking Northwest
(Slab and Underground Line Removal Underway)**

APPENDIX E

RADIOLOGICAL AIR MONITORING RESULTS

RADIOLOGICAL AIR MONITORING RESULTS

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNö	Area*	TotalDac
1596	28346	10/23/2004	04	R/SW DEMO	0259	SOUTH #5	0.000
1596	28345	10/23/2004	04	R/SW DEMO	0259	NORTH #1	0.036
1596	28347	10/23/2004	04	R/SW DEMO	0259	NORTH #9	0.036
1596	28363	10/25/2004	04	R/SW-DEMO	0265	T WEST TWR #5	0.000
1596	28361	10/25/2004	04	R/SW-DEMO	0265	E TR 24 #3	0.000
1596	28358	10/25/2004	04	R/SW-DEMO	0265	NE TR 23 #2	0.046
1596	28362	10/25/2004	04	R/SW-DEMO	0265	RBA #4	0.000
1596	28357	10/25/2004	04	R/SW-DEMO	0265	NORTH #1	0.031
1596	28370	10/25/2004	04	R/SW-DEMO	0265	NORTH #12	0.000
1596	28365	10/25/2004	04	R/SW-DEMO	0265	SW #7	0.000
1596	28366	10/25/2004	04	R/SW-DEMO	0265	W #8	0.000
1596	28367	10/25/2004	04	R/SW-DEMO	0265	NW #9	0.051
1596	28364	10/25/2004	04	R/SW-DEMO	0265	SW HILL DIG #6	0.031
1596	28369	10/25/2004	04	R/SW-DEMO	0265	#11	0.000
1596	28368	10/25/2004	04	R/SW-DEMO	0265	N #10	0.043
1596	28415	10/26/2004	04	R/SW-DEMO	0274	E TR 24 #3	0.000
1596	28422	10/26/2004	04	R/SW-DEMO	0274	NORTH #10	0.024
1596	28413	10/26/2004	04	R/SW-DEMO	0274	NORTH #1	0.000
1596	28416	10/26/2004	04	R/SW-DEMO	0274	RBA #4	0.000
1596	28417	10/26/2004	04	R/SW-DEMO	0274	T WEST TWR	0.040
1596	28414	10/26/2004	04	R/SW-DEMO	0274	NEW TR 23 #2	0.000
1596	28421	10/26/2004	04	R/SW-DEMO	0274	NW #9	0.046
1596	28423	10/26/2004	04	R/SW-DEMO	0274	#11	0.072
1596	28418	10/26/2004	04	R/SW-DEMO	0274	HILL DIG #6	0.000
1596	28419	10/26/2004	04	R/SW-DEMO	0274	SW #7	0.000
1596	28420	10/26/2004	04	R/SW-DEMO	0274	W #8	0.000
1596	28424	10/26/2004	04	R/SW-DEMO	0274	NORTH #12	0.003
1596	28460	10/27/2004	04	R/SW DEMO	0276	NE TR-23 #2	0.001
1596	28468	10/27/2004	04	R/SW DEMO	0276	N. Hi-Vol #10	0.028
1596	28459	10/27/2004	04	R/SW DEMO	0276	NORTH #1	0.029
1596	28461	10/27/2004	04	R/SW DEMO	0276	TR-24 E#3	0.000
1596	28462	10/27/2004	04	R/SW DEMO	0276	RBA #4	0.000
1596	28463	10/27/2004	04	R/SW DEMO	0276	T WEST TOWER #5	0.000
1596	28469	10/27/2004	04	R/SW DEMO	0276	CAM SOUTH #11	0.000
1596	28464	10/27/2004	04	R/SW DEMO	0276	HILL DIG #6	0.003
1596	28465	10/27/2004	04	R/SW DEMO	0276	SW #7	0.000
1596	28466	10/27/2004	04	R/SW DEMO	0276	W #8	0.000
1596	28467	10/27/2004	04	R/SW DEMO	0276	NW #9	0.000
1596	28470	10/27/2004	04	R/SW DEMO	0276	CAM NORTH #12	0.000
1596	28443	10/28/2004	04	R/SW DEMO	0278	NORTH # 10	0.050
1596	28434	10/28/2004	04	R/SW DEMO	0278	NORTH #1	0.000

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area	TotalDac
1596	28435	10/28/2004	04	R/SW DEMO	0278	NE TR-23 #2	0.000
1596	28436	10/28/2004	04	R/SW DEMO	0278	TR 24 EAST #3	0.000
1596	28437	10/28/2004	04	R/SW DEMO	0278	RBA #4	0.000
1596	28438	10/28/2004	04	R/SW DEMO	0278	T-WEST TOWER #5	0.000
1596	28444	10/28/2004	04	R/SW DEMO	0278	# 11	0.000
1596	28445	10/28/2004	04	R/SW DEMO	0278	NORTH # 12	0.000
1596	28439	10/28/2004	04	R/SW DEMO	0278	SW HILL DIG #6	0.004
1596	28440	10/28/2004	04	R/SW DEMO	0278	SW #7	0.000
1596	28441	10/28/2004	04	R/SW DEMO	0278	W #8	0.000
1596	28442	10/28/2004	04	R/SW DEMO	0278	N.W. #9	0.000
1596	28523	10/29/2004	04	R/SW DEMO	0290	T-WEST TOWER #5	0.000
1596	28520	10/29/2004	04	R/SW DEMO	0290	NE TR-23 #2	0.027
1596	28521	10/29/2004	04	R/SW DEMO	0290	EAST TR-24 #3	0.000
1596	28522	10/29/2004	04	R/SW DEMO	0290	RBA #4	0.000
1596	28529	10/29/2004	04	R/SW DEMO	0290	#11	0.000
1596	28528	10/29/2004	04	R/SW DEMO	0290	NORTH #10	0.044
1596	28519	10/29/2004	04	R/SW DEMO	0290	NORTH #1	0.000
1596	28530	10/29/2004	04	R/SW DEMO	0290	NORTH #12	0.004
1596	28524	10/29/2004	04	R/SW DEMO	0290	SW HILL DIG #6	0.000
1596	28525	10/29/2004	04	R/SW DEMO	0290	SW #7	0.025
1596	28526	10/29/2004	04	R/SW DEMO	0290	W # 8	0.000
1596	28527	10/29/2004	04	R/SW DEMO	0290	NW # 9	0.000
1596	28509	10/30/2004	04	R/SW-DEMO	0287	n	0.067
1596	28500	10/30/2004	04	R/SW-DEMO	0287	NORTH	0.000
1596	28501	10/30/2004	04	R/SW-DEMO	0287	tr-23	0.003
1596	28502	10/30/2004	04	R/SW-DEMO	0287	tr-24	0.000
1596	28503	10/30/2004	04	R/SW-DEMO	0287	rba	0.000
1596	28504	10/30/2004	04	R/SW-DEMO	0287	t-west tower	0.000
1596	28510	10/30/2004	04	R/SW-DEMO	0287	south	0.000
1596	28508	10/30/2004	04	R/SW-DEMO	0287	nw	0.003
1596	28505	10/30/2004	04	R/SW-DEMO	0287	hill dig	0.008
1596	28507	10/30/2004	04	R/SW-DEMO	0287	west	0.000
1596	28506	10/30/2004	04	R/SW-DEMO	0287	sw	0.000
1596	28511	10/30/2004	04	R/SW-DEMO	0287	north	0.000
1596	28535	11/1/2004	04	R/SW DEMO	0296	TR-23 #2	0.001
1596	28543	11/1/2004	04	R/SW DEMO	0296	NORTH #10	0.029
1596	28534	11/1/2004	04	R/SW DEMO	0296	NORTH #1	0.000
1596	28536	11/1/2004	04	R/SW DEMO	0296	TR-24 #3	0.000
1596	28537	11/1/2004	04	R/SW DEMO	0296	RBA #4	0.021
1596	28538	11/1/2004	04	R/SW DEMO	0296	T-WEST TOWER #5	0.024
1596	28544	11/1/2004	04	R/SW DEMO	0296	CAM #11	0.000
1596	28539	11/1/2004	04	R/SW DEMO	0296	HILL DIG #6	0.000
1596	28540	11/1/2004	04	R/SW DEMO	0296	SW #7	0.000
1596	28541	11/1/2004	04	R/SW DEMO	0296	WEST #8	0.025
1596	28542	11/1/2004	04	R/SW DEMO	0296	NW #9	0.000

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area*	TotalDac
1596	28545	11/1/2004	04	R/SW DEMO	0296	CAM #12	0.006
1596	28559	11/2/2004	04	R/SW-Demo	0312	south	0.000
1596	28550	11/2/2004	04	R/SW-Demo	0312	tr-23	0.000
1596	28551	11/2/2004	04	R/SW-Demo	0312	tr-24	0.000
1596	28552	11/2/2004	04	R/SW-Demo	0312	rba	0.000
1596	28553	11/2/2004	04	R/SW-Demo	0312	t-west tower	0.000
1596	28558	11/2/2004	04	R/SW-Demo	0312	north	0.004
1596	28554	11/2/2004	04	R/SW-Demo	0312	hill dig	0.013
1596	28560	11/2/2004	04	R/SW-Demo	0312	north	0.000
1596	28557	11/2/2004	04	R/SW-Demo	0312	nw	0.000
1596	28549	11/2/2004	04	R/SW-Demo	0312	north	0.000
1596	28555	11/2/2004	04	R/SW-Demo	0312	sw	0.000
1596	28556	11/2/2004	04	R/SW-Demo	0312	west	0.023
1596	28571	11/3/2004	04	R/SW-Demo	0304	rba	0.001
1596	28569	11/3/2004	04	R/SW-Demo	0304	tr-23	0.024
1596	28570	11/3/2004	04	R/SW-Demo	0304	tr-24	0.000
1596	28577	11/3/2004	04	R/SW-Demo	0304	north	0.018
1596	28574	11/3/2004	04	R/SW-Demo	0304	sw	0.010
1596	28573	11/3/2004	04	R/SW-Demo	0304	hill dig	0.023
1596	28575	11/3/2004	04	R/SW-Demo	0304	west	0.014
1596	28576	11/3/2004	04	R/SW-Demo	0304	nw	0.000
1596	28568	11/3/2004	04	R/SW-Demo	0304	north	0.000
1596	28572	11/3/2004	04	R/SW-Demo	0304	t west tower	0.000
1596	28578	11/3/2004	04	R/SW-Demo	0304	south	0.026
1596	28579	11/3/2004	04	R/SW-Demo	0304	north	0.000
1596	28587	11/5/2004	04	R/SW-Demo	0313	rba	0.008
1596	28585	11/5/2004	04	R/SW-Demo	0313	tr-23	0.026
1596	28586	11/5/2004	04	R/SW-Demo	0313	tr-24	0.000
1596	28588	11/5/2004	04	R/SW-Demo	0313	t-tower west	0.000
1596	28593	11/5/2004	04	R/SW-Demo	0313	north	0.000
1596	28584	11/5/2004	04	R/SW-Demo	0313	north	0.000
1596	28590	11/5/2004	04	R/SW-Demo	0313	s.w.	0.000
1596	28591	11/5/2004	04	R/SW-Demo	0313	west	0.000
1596	28589	11/5/2004	04	R/SW-Demo	0313	hill dig	0.000
1596	28592	11/5/2004	04	R/SW-Demo	0313	nw	0.001
1596	28605	11/6/2004	04	R/SW DEMO	0319	#1 NORTH	0.000
1596	28614	11/6/2004	04	R/SW DEMO	0319	#10 NORTH HI VOL	0.021
1596	28606	11/6/2004	04	R/SW DEMO	0319	#2 TR-23	0.000
1596	28607	11/6/2004	04	R/SW DEMO	0319	#3 TR-24	0.000
1596	28609	11/6/2004	04	R/SW DEMO	0319	#5 T-WEST	0.000
1596	28608	11/6/2004	04	R/SW DEMO	0319	#4 RBA	0.000
1596	28610	11/6/2004	04	R/SW DEMO	0319	#6 HILL DIG	0.000
1596	28612	11/6/2004	04	R/SW DEMO	0319	#8 WEST	0.024
1596	28613	11/6/2004	04	R/SW DEMO	0319	#9 NORTHWEST	0.000
1596	28611	11/6/2004	04	R/SW DEMO	0319	#7 SOUTHWEST	0.000

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area*	TotalDac
1596	28615	11/6/2004	04	R/SW DEMO	0319	#11 CAM EAST	0.000
1596	28715	11/8/2004	04	R/SW DEMO	0324	#5 T WEST-TOWER	0.024
1596	28711	11/8/2004	04	R/SW DEMO	0324	#1 NORTH	0.000
1596	28712	11/8/2004	04	R/SW DEMO	0324	#2 TR -23	0.000
1596	28713	11/8/2004	04	R/SW DEMO	0324	#3 TR -24	0.000
1596	28714	11/8/2004	04	R/SW DEMO	0324	#4 RBA	0.000
1596	28720	11/8/2004	04	R/SW DEMO	0324	#10 NORTH	0.033
1596	28716	11/8/2004	04	R/SW DEMO	0324	#6 HILL DIG	0.004
1596	28717	11/8/2004	04	R/SW DEMO	0324	#7 SW	0.000
1596	28718	11/8/2004	04	R/SW DEMO	0324	#8 WEST	0.000
1596	28719	11/8/2004	04	R/SW DEMO	0324	#9 NW	0.000
1596	28721	11/8/2004	04	R/SW DEMO	0324	#11 CAM EAST	0.000
1596	28722	11/8/2004	04	R/SW DEMO	0324	#12 CAM SOUTH	0.000
1596	28677	11/9/2004	04	R/SW-Demo	0329	north	0.002
1596	28679	11/9/2004	04	R/SW-Demo	0329	tr-24	0.000
1596	28680	11/9/2004	04	R/SW-Demo	0329	rba	0.000
1596	28681	11/9/2004	04	R/SW-Demo	0329	t-west tower	0.026
1596	28686	11/9/2004	04	R/SW-Demo	0329	north	0.023
1596	28678	11/9/2004	04	R/SW-Demo	0329	tr-23	0.000
1596	28685	11/9/2004	04	R/SW-Demo	0329	n. west	0.000
1596	28682	11/9/2004	04	R/SW-Demo	0329	hill dig	0.008
1596	28683	11/9/2004	04	R/SW-Demo	0329	south west	0.000
1596	28684	11/9/2004	04	R/SW-Demo	0329	west	0.000
1596	28687	11/9/2004	04	R/SW-Demo	0329	#11 CAM East	0.000
1596	28688	11/9/2004	04	R/SW-Demo	0329	#12 CAM South	0.012
1596	28694	11/10/2004	04	R/SW-Demo	0334	north	0.009
1596	28695	11/10/2004	04	R/SW-Demo	0334	tr-23	0.000
1596	28696	11/10/2004	04	R/SW-Demo	0334	tr-24	0.000
1596	28697	11/10/2004	04	R/SW-Demo	0334	Rba	0.029
1596	28698	11/10/2004	04	R/SW-Demo	0334	t-west tower	0.000
1596	28699	11/10/2004	04	R/SW-Demo	0334	hill dig	0.024
1596	28703	11/10/2004	04	R/SW-Demo	0334	north	0.002
1596	28700	11/10/2004	04	R/SW-Demo	0334	south west	0.000
1596	28701	11/10/2004	04	R/SW-Demo	0334	west	0.000
1596	28702	11/10/2004	04	R/SW-Demo	0334	n. west	0.000
1596	28705	11/10/2004	04	R/SW-Demo	0334	#12 CAM South	0.000
1596	28704	11/10/2004	04	R/SW-Demo	0334	#11 CAM East	0.000
1596	28668	11/11/2004	04	R/SW-Demo	0335	north	0.006
1596	28660	11/11/2004	04	R/SW-Demo	0335	north	0.037
1596	28665	11/11/2004	04	R/SW-Demo	0335	south west	0.024
1596	28662	11/11/2004	04	R/SW-Demo	0335	tr-24	0.000
1596	28663	11/11/2004	04	R/SW-Demo	0335	rba	0.000
1596	28661	11/11/2004	04	R/SW-Demo	0335	tr-23	0.014
1596	28664	11/11/2004	04	R/SW-Demo	0335	t-west tower	0.000
1596	28633	11/11/2004	04	R/SW DEMO	0335	#6 HILL DIG	0.385

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area*	TotalDac
1596	28666	11/11/2004	04	R/SW-Demo	0335	west	0.016
1596	28667	11/11/2004	04	R/SW-Demo	0335	n. west	0.024
1596	28670	11/11/2004	04	R/SW-Demo	0335	#12 CAM South	0.000
1596	28669	11/11/2004	04	R/SW-Demo	0335	#11 CAM East	0.000
1596	28791	11/12/2004	04	R/SW DEMO	0340	#2 tr-23	0.000
1596	28795	11/12/2004	04	R/SW DEMO	0340	#6 hill dig	0.024
1596	28796	11/12/2004	04	R/SW DEMO	0340	#7 s. west	0.015
1596	28794	11/12/2004	04	R/SW DEMO	0340	#5 t-west tower	0.000
1596	28797	11/12/2004	04	R/SW DEMO	0340	#8 west	0.000
1596	28792	11/12/2004	04	R/SW DEMO	0340	#3 tr-24	0.000
1596	28793	11/12/2004	04	R/SW DEMO	0340	#4 rba	0.000
1596	28790	11/12/2004	04	R/SW DEMO	0340	#1 NORTH	0.028
1596	28798	11/12/2004	04	R/SW DEMO	0340	#9 n. west	0.000
1596	28799	11/12/2004	04	R/SW DEMO	0340	#10 north	0.018
1596	28800	11/12/2004	04	R/SW DEMO	0340	#11 downwind	0.000
1596	28801	11/12/2004	04	R/SW DEMO	0340	#12 downwind	0.005
1605	28806	11/13/2004	04	R/SW-Demo	0341	#1 north	0.000
1605	28807	11/13/2004	04	R/SW-Demo	0341	#2 tr-23	0.000
1605	28808	11/13/2004	04	R/SW-Demo	0341	#3 tr-24	0.000
1605	28809	11/13/2004	04	R/SW-Demo	0341	#4 rba	0.000
1605	28810	11/13/2004	04	R/SW-Demo	0341	#5 t-west tower	0.000
1605	28815	11/13/2004	04	R/SW-Demo	0341	#10 north	0.029
1605	28811	11/13/2004	04	R/SW-Demo	0341	#6 hill dig	0.038
1605	28812	11/13/2004	04	R/SW-Demo	0341	#7 south west	0.000
1605	28813	11/13/2004	04	R/SW-Demo	0341	#8 west	0.000
1605	28814	11/13/2004	04	R/SW-Demo	0341	#9 north west	0.000
1605	28817	11/13/2004	04	R/SW-Demo	0341	#12 cam	0.000
1605	28816	11/13/2004	04	R/SW-Demo	0341	#11 cam	0.000
1605	28830	11/15/2004	04	R/SW-Demo	0350	#10 north	0.004
1605	28823	11/15/2004	04	R/SW-Demo	0350	#2 tr-23	0.013
1605	28825	11/15/2004	04	R/SW-Demo	0350	#4 rba	0.000
1605	28826	11/15/2004	04	R/SW-Demo	0350	#5 t-west tower	0.034
1605	28822	11/15/2004	04	R/SW-Demo	0350	#1 north	0.031
1605	28824	11/15/2004	04	R/SW-Demo	0350	#3 tr-24	0.000
1605	28829	11/15/2004	04	R/SW-Demo	0350	#9 north west	0.023
1605	28827	11/15/2004	04	R/SW-Demo	0350	#7 south west	0.022
1605	28710	11/15/2004	04	R/SW DEMO	0350	#6 HILL DIG	0.353
1605	28828	11/15/2004	04	R/SW-Demo	0350	#8 west	0.000
1605	28831	11/15/2004	04	R/SW-Demo	0350	#11 cam east	0.000
1596	28920	11/16/2004	04	R/SW-Demo	0351	#2 tr-23	0.006
1596	28923	11/16/2004	04	R/SW-Demo	0351	#5 t-west tower	0.001
1596	28921	11/16/2004	04	R/SW-Demo	0351	#3 tr-24	0.000
1596	28922	11/16/2004	04	R/SW-Demo	0351	#4 rba	0.000
1596	28919	11/16/2004	04	R/SW-Demo	0351	#1 north	0.000
1596	28928	11/16/2004	04	R/SW-Demo	0351	#10 north high vol	0.032

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area*	TotalDac
1596	28924	11/16/2004	04	R/SW-Demo	0351	#6 hill dig	0.022
1596	28925	11/16/2004	04	R/SW-Demo	0351	#7 s.w.	0.000
1596	28926	11/16/2004	04	R/SW-Demo	0351	#8 west	0.000
1596	28927	11/16/2004	04	R/SW-Demo	0351	#9 n.w.	0.000
1596	28929	11/16/2004	04	R/SW-Demo	0351	#11 north cam	0.000
1605	28875	11/17/2004	04	R/SW-Demo	0352	#2 tr-23	0.018
1605	28883	11/17/2004	04	R/SW-Demo	0352	#10 n. high vol	0.000
1605	28876	11/17/2004	04	R/SW-Demo	0352	#3 tr-24	0.000
1605	28878	11/17/2004	04	R/SW-Demo	0352	#5 t-west tower	0.000
1605	28874	11/17/2004	04	R/SW-Demo	0352	#1 north	0.029
1605	28877	11/17/2004	04	R/SW-Demo	0352	#4 rba	0.000
1605	28879	11/17/2004	04	R/SW-Demo	0352	#6 hill dig	0.021
1605	28882	11/17/2004	04	R/SW-Demo	0352	#9 n.w.	0.002
1605	28880	11/17/2004	04	R/SW-Demo	0352	#7 s.w.	0.000
1605	28881	11/17/2004	04	R/SW-Demo	0352	#8 west	0.027
1605	28884	11/17/2004	04	R/SW-Demo	0352	#11 n.e. cam	0.000
1605	28896	11/18/2004	04	R/SW-Demo	0354	#8 west	0.001
1605	28890	11/18/2004	04	R/SW-Demo	0354	#2 tr-23	0.003
1605	28898	11/18/2004	04	R/SW-Demo	0354	#10 north high vol	0.000
1605	28891	11/18/2004	04	R/SW-Demo	0354	#3 tr-24	0.000
1605	28897	11/18/2004	04	R/SW-Demo	0354	#9 n.w.	0.000
1605	28889	11/18/2004	04	R/SW-Demo	0354	#1 north	0.000
1605	28892	11/18/2004	04	R/SW-Demo	0354	#4 rba	0.023
1605	28893	11/18/2004	04	R/SW-Demo	0354	#5 t-west tower	0.000
1605	28894	11/18/2004	04	R/SW-Demo	0354	#6 hill dig	0.028
1605	28895	11/18/2004	04	R/SW-Demo	0354	#7 s.w.	0.000
1605	28899	11/18/2004	04	R/SW-Demo	0354	#11 n.e. cam	0.000
1605	28976	11/22/2004	04	R/SW-Demo	0376	#4 rba	0.000
1605	28977	11/22/2004	04	R/SW-Demo	0376	#5 t-west tower	0.000
1605	28973	11/22/2004	04	R/SW-Demo	0376	#1 north	0.000
1605	28974	11/22/2004	04	R/SW-Demo	0376	#2 tr-23	0.000
1605	28975	11/22/2004	04	R/SW-Demo	0376	#3 tr-24	0.000
1605	28982	11/22/2004	04	R/SW-Demo	0376	#10 north high vol	0.028
1605	28983	11/22/2004	04	R/SW-Demo	0376	#11 cam	0.000
1605	28980	11/22/2004	04	R/SW-Demo	0376	#8 west	0.001
1605	28978	11/22/2004	04	R/SW-Demo	0376	#6 hill dig	0.000
1605	28979	11/22/2004	04	R/SW-Demo	0376	#7 s.w.	0.000
1605	28981	11/22/2004	04	R/SW-Demo	0376	#9 n.w.	0.000
1605	28999	11/23/2004	04	R/SW-Demo	0370	#10 n. high vol	0.023
1605	28994	11/23/2004	04	R/SW-Demo	0370	#5 t-west tower	0.000
1605	28993	11/23/2004	04	R/SW-Demo	0370	#4 rba	0.000
1605	29000	11/23/2004	04	R/SW-Demo	0370	#11 cam	0.000
1605	28991	11/23/2004	04	R/SW-Demo	0370	#2 tr-23	0.000
1605	28990	11/23/2004	04	R/SW-Demo	0370	#1 north	0.000
1605	28992	11/23/2004	04	R/SW-Demo	0370	#3 tr-24	0.000

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area*	TotalDac
1605	28997	11/23/2004	04	R/SW-Demo	0370	#8 west	0.000
1605	28995	11/23/2004	04	R/SW-Demo	0370	#6 hill dig	0.000
1605	28996	11/23/2004	04	R/SW-Demo	0370	#7 s.w.	0.000
1605	28998	11/23/2004	04	R/SW-Demo	0370	#9 n.w.	0.000
1605	29006	11/24/2004	04	R/SW-Demo	0377	#3 tr-24	0.000
1605	29005	11/24/2004	04	R/SW-Demo	0377	#1 north	0.000
1605	29007	11/24/2004	04	R/SW-Demo	0377	#5 t-west tower	0.168
1605	29008	11/24/2004	04	R/SW-Demo	0377	#7 s.w.	0.000
1605	29009	11/24/2004	04	R/SW-Demo	0377	#9 n.w.	0.000
1605	29241	11/29/2004	04	R/SW-Demo	0378	#10 n. high vol	0.021
1605	29242	11/29/2004	04	R/SW-Demo	0378	#11 cam	0.000
1605	29232	11/29/2004	04	R/SW-Demo	0378	#1 north	0.000
1605	29233	11/29/2004	04	R/SW-Demo	0378	#2 tr-23	0.000
1605	29234	11/29/2004	04	R/SW-Demo	0378	#3 tr-24	0.000
1605	29235	11/29/2004	04	R/SW-Demo	0378	#4 rba	0.000
1605	29236	11/29/2004	04	R/SW-Demo	0378	#5 t-west tower	0.042
1605	29238	11/29/2004	04	R/SW-Demo	0378	#7 S.W.	0.000
1605	29239	11/29/2004	04	R/SW-Demo	0378	#8 west	0.000
1605	29240	11/29/2004	04	R/SW-Demo	0378	#9 n. west	0.000
1605	29237	11/29/2004	04	R/SW-Demo	0378	#6 hill dig	0.000
1605	29247	11/30/2004	04	R/SW-Demo	0385	#2 TR-23	0.000
1605	29248	11/30/2004	04	R/SW-Demo	0385	#3 TR-24	0.000
1605	29249	11/30/2004	04	R/SW-Demo	0385	#4 RBA	0.000
1605	29250	11/30/2004	04	R/SW-Demo	0385	#5 T-west tower	0.000
1605	29255	11/30/2004	04	R/SW-Demo	0385	#10	0.016
1605	29246	11/30/2004	04	R/SW-Demo	0385	#1 north	0.000
1605	29256	11/30/2004	04	R/SW-Demo	0385	#11 cam	0.000
1605	29253	11/30/2004	04	R/SW-Demo	0385	#8 west	0.000
1605	29254	11/30/2004	04	R/SW-Demo	0385	#9 n.w.	0.042
1605	29251	11/30/2004	04	R/SW-Demo	0385	#6 hill dig	0.000
1605	29252	11/30/2004	04	R/SW-Demo	0385	#7 s.w.	0.000
1596	29265	12/1/2004	04	R/SW-Demo	0396	#4 rba	0.000
1596	29264	12/1/2004	04	R/SW-Demo	0396	#3 TR-24	0.000
1596	29263	12/1/2004	04	R/SW-Demo	0396	#2 TR-23	0.000
1596	29262	12/1/2004	04	R/SW-Demo	0396	#1 north	0.000
1596	29266	12/1/2004	04	R/SW-Demo	0396	#5 t-west	0.000
1596	29271	12/1/2004	04	R/SW-Demo	0396	#10 north	0.020
1596	29269	12/1/2004	04	R/SW-Demo	0396	#8 west	0.000
1596	29267	12/1/2004	04	R/SW-Demo	0396	#6 hill dig	0.000
1596	29268	12/1/2004	04	R/SW-Demo	0396	#7 s.w.	0.000
1596	29270	12/1/2004	04	R/SW-Demo	0396	#9 n.w.	0.000
1596	29272	12/1/2004	04	R/SW-Demo	0396	#11 cam	0.000
1596	29283	12/2/2004	04	R/SW-Demo	0397	#8 west	0.000
1596	29277	12/2/2004	04	R/SW-Demo	0397	#2 tr-23	0.000
1596	29278	12/2/2004	04	R/SW-Demo	0397	#3 tr-24	0.030

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.

RwpNo	SampleId	StartTime	RSDSYear	RSDSRoomArea	RSDSNo	Area	TotalDac
1596	29282	12/2/2004	04	R/SW-Demo	0397	#7 s.w.	0.000
1596	29279	12/2/2004	04	R/SW-Demo	0397	#4 rba	0.000
1596	29281	12/2/2004	04	R/SW-Demo	0397	#6 hill dig	0.040
1596	29280	12/2/2004	04	R/SW-Demo	0397	#5 t-west	0.000
1596	29285	12/2/2004	04	R/SW-Demo	0397	#10 north	0.057
1596	29276	12/2/2004	04	R/SW-Demo	0397	#1 north	0.067
1596	29284	12/2/2004	04	R/SW-Demo	0397	#9 n.w.	0.000
1596	29286	12/2/2004	04	R/SW-Demo	0397	#11	0.000
1596	29328	12/3/2004	04	R/SW Demo	0400	#2 TR-23	0.000
1596	29329	12/3/2004	04	R/SW Demo	0400	#3 TR-24	0.000
1596	29330	12/3/2004	04	R/SW Demo	0400	#4 rba	0.000
1596	29331	12/3/2004	04	R/SW Demo	0400	#5 T-west	0.000
1596	29336	12/3/2004	04	R/SW Demo	0400	#10 north	0.020
1596	29337	12/3/2004	04	R/SW Demo	0400	#11 cam	0.000
1596	29333	12/3/2004	04	R/SW Demo	0400	#7 s.w.	0.000
1596	29335	12/3/2004	04	R/SW Demo	0400	#9 n.w.	0.000
1596	29327	12/3/2004	04	R/SW Demo	0400	#1 North	0.000
1596	29332	12/3/2004	04	R/SW Demo	0400	#6 hill dig	0.000
1596	29334	12/3/2004	04	R/SW Demo	0400	#8 west	0.000
1596	29343	12/4/2004	04	R/SW Demo	0421	#2 tr-23	0.000
1596	29345	12/4/2004	04	R/SW Demo	0421	#4 rba	0.000
1596	29344	12/4/2004	04	R/SW Demo	0421	#3 TR-24	0.000
1596	29346	12/4/2004	04	R/SW Demo	0421	#5 T-west	0.000
1596	29347	12/4/2004	04	R/SW Demo	0421	#6 hill dig	0.033
1596	29349	12/4/2004	04	R/SW Demo	0421	#7 s.w.	0.000
1596	29350	12/4/2004	04	R/SW Demo	0421	#8 west	0.062
1596	29352	12/4/2004	04	R/SW Demo	0421	#10 north	0.020
1596	29353	12/4/2004	04	R/SW Demo	0421	#11 cam	0.000
1596	29342	12/4/2004	04	R/SW Demo	0421	#1 North	0.000
1596	29453	12/6/2004	04	R/SW-Demo	0430	#2 tr-23	0.000
1596	29454	12/6/2004	04	R/SW-Demo	0430	#3 tr-24	0.000
1596	29455	12/6/2004	04	R/SW-Demo	0430	#4 rba	0.000
1596	29456	12/6/2004	04	R/SW-Demo	0430	#5 T-west	0.041
1596	29460	12/6/2004	04	R/SW-Demo	0430	#9 n.w.	0.000
1596	29457	12/6/2004	04	R/SW-Demo	0430	#6 hill dig	0.041
1596	29452	12/6/2004	04	R/SW-Demo	0430	#1 north	0.000
1596	29458	12/6/2004	04	R/SW-Demo	0430	#7 s.w.	0.000
1596	29459	12/6/2004	04	R/SW-Demo	0430	#8 west	0.035
1596	29462	12/6/2004	04	R/SW-Demo	0430	#11 cam	0.000
1596	29461	12/6/2004	04	R/SW-Demo	0430	#10	0.031
						Max	0.385
						Average	0.010
						Standard Deviation	0.032
						Confidence Interval	0.003
						n	351

*Figure 2 (Appendix A) shows the locations of the air monitoring stations.